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Main Catalogue 2009/2010

ROTHENBERGER

pipetool technologies at work

Main Catalogue 2009/2010



The Centre of the World of Pipe Tools: The TEC Centre Welcomes You!



ROTHENBERGER's 60 year history is a success story which is reflected in the TEC Centre. A "know-how" centre in which the powers of innovation, global orientation, expansion into new areas and a willingness to communicate - as well as a passionate commitment to quality - is mirrored in all the ROTHENBERGER production locations around the world.

As the idea for the TEC Centre first took shape, one of the top priorities was the desire to create a company centre where all of the many activities of the ROTHENBERGER group could be concentrated.



And furthermore: A place to meet across borders, to actively exchange technological information with customers as well as a place of innovation and transparency.

All of this is found within an architecture that impresses with its round forms,



light-filled function and aesthetic, thereby perfectly representing the self-image of the ROTHENBERGER Group: Here the market leader for modern piping tools, machines and environmental technology can be seen and experienced.

Disclaimer

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Learning with and from each other: ROTHENBERGER places great value in the exchange of ideas and know-how with experienced and specialised users, technicians and sales professionals. We express this with the many



seminars, workshops and practical demonstrations that are held throughout the year.

Research and development have found a new home at the TEC Centre. The well known ROTHENBERGER Power of Innovation is spurred on further in this inspirational environment.

Last, but not least: The ambience in the TEC Centre invites one to linger - and the restaurant ROPIANO will cosset your senses and taste buds.

So: Welcome to the new ROTHENBERGER world of experience - welcome to the TEC Centre!



Innovation. Passion. Performance.

60 Years of ROTHENBERGER

When a company can look back on 60 successful years, it has more than one reason to be proud. These years were not only filled with ground-breaking innovation for trade and industry, but also with healthy, sustainable growth in which the people at ROTHENBERGER and in our regional locations profit - today and in the future.

From the beginning, ROTHENBERGER has been supporting all those whose daily work not only helps to ensure that these lifelines reach more and more people, but also make sure they are maintained in excellent condition: with innovative, reliable piping tools and machinery of the highest quality that can be found in the hands of superior craftsmen and on construction sites around the world

A Global Player with strong roots.

With over 50 group companies and 1,500 employees in 25 countries plus a quality management system that is certified according to ISO 9001:2000 and ISO 14001 standards, ROTHENBERGER represents itself today as a global player that at the same time has never lost touch with its medium-sized business roots. The commitment to the environment and a sustainable economic approach, while taking responsibility for their home region and the people who live there, plus the intensive interaction with skilled craftsmen, ensure that pipe work professionals always find exactly what they need at ROTHENBERGER to keep the world's lifelines up and running.

Practice and Service Expertise x 10

With 10 professional product groups, the pipe tool system supplier ROTHENBERGER features a first-class line-up for handling powerful jobs on a daily basis. A real "One-Stop-Shop" that makes life easier. This impressive product portfolio is complimented with a service philosophy that offers the craftsman maximum support - from consulting and training to after-sales-service and repair. No less than 300 service representatives are continuously "on the road", cooperating with our specialized dealers to bring innovation, quality and service to the user. Because a real ROTHENBERGER employee is only satisfied when his customer is too!



For decades the symbol for innovation and consistency: the ROCAM Expander.

For 60 years, pipelines have been the veins of our work at ROTHENBERGER - pipelines conveying energy and water are the world's lifelines. Just like the veins in the human body, they guarantee that warmth, fuel and vital fluids reach their recipients - an important contribution to the overall quality of human life.

A Passion for Innovation.

Research and development play an extremely important role at ROTHENBERGER. Innovation always results from an intensive dialogue with the users of our equipment. The result: over 150 patents and registered trademarks for product ideas that have revolutionised the piping installation trade.



1

Fitting Tools



2

Press Fitting and Multilayer Piping Tools



3

Tools for Steel Pipe Installation



4

Pipe and Installation Tools



5

Testing, Measuring and Freezing Equipment



6

Soldering and Welding Equipment



7

ROWELD® Plastic Pipe Welding Equipment



8

Pipe / Drain Cleaning and Inspection Equipment



9

RODIA® Diamond Core Drilling Equipment



10

Refrigeration and Air Conditioning Equipment

Your Innovations-Navigator 2009/2010

For over 60 years the innovation at ROTHENBERGER has been the result of a comprehensive view of products and solutions - always based on the sound knowledge from users and industry

as well as the significant results from research and development. With targeted initiatives we are able to help the user open up new and profitable market segments, and to secure these markets long-term. That is real added value that our

customers and therefore their customers profit from day after day!

The innovations-navigator will help you to quickly find especially interesting highlights in this catalogue.



New products
always at a glance
www.rothenberger.com



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Fitting Tools



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Expander



ROCAM® EXPANDER Power Torque



8 - 42 5/16 - 1 3/4

Product Profile

PP

For efficient, fitting-free installation of pipes in sanitary heating, gas, refrigeration and air-conditioning systems

- Eliminates the cost of purchase and storage of fittings
- Increased safety by reducing the number of joints
- Converts deformed pipes into fittings saves resources
- ① 50% reduction of labour, soldering materials, joints and energy
- ② Protects against dirt with EPT®-Technology
- ③ Reliable pipe connection according to DVGW standards
- ④ Tough, light and wear-resistant
- ⑤ Automatic pin guide retraction enables faster operation
- ⑥ Fine adjustment of the capillary gap

Suitable for pipes made of:

Pe

a e ee

a e ee

- 42 mm, 5/16 - 1.3/4" max. wall thickness 1.6 mm
- 22 mm, 5/16 - 1.1/2" max. wall thickness 1.6 mm
- 22 mm, 5/16 - 1.1/2" max. wall thickness 1.6 mm
- 22 mm, 5/16 - 1.1/2" max. wall thickness 1.0 mm



ROCAM® EXPANDER Power Torque Sets

ROCAM® EXPANDER Power Torque sets include: ROCAM® EXPANDER Power Torque No. 1.2000, with expander heads, internal and external deburrer No. 1.1006, in a steel carrying case No. 2.4022



Fig. ROCAM® EXPANDER Power Torque Set

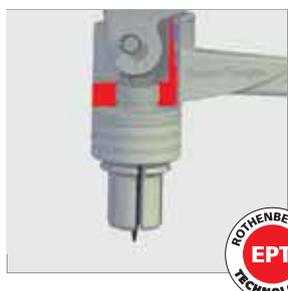
Model	Expander heads	Internal deburrer	External deburrer	No.
12 - 15 - 1 - 22 mm	1	5	2.9	1 2300
10 - 12 - 15 - 1 - 22 mm	1	5	3.3	1 2302
12 - 15 - 1 - 22 - 2 mm	1	5	3.3	1 2303
10 - 12 - 16 - 1 - 22 mm	1	5	3.3	1 2304
12 - 14 - 16 - 1 - 22 mm	1	5	3.3	1 2309
12 - 14 - 16 - 1 - 22 - 2 mm	1	5	3.3	1 2310
12 - 16 - 1 - 22 - 2 mm	1	5	3.2	1 2322
10 - 12 - 14 - 16 - 1 - 22 mm	1	5	3.6	1 2311
12 - 15 - 1 - 22 - 2 - 35 - 42 mm	1	5	4.2	1 2326
3/4" - 1/2" - 5/8" - 3/4" - 1 - 1.1/2" "	1	5	3.	1 2342
3/4" - 1/2" - 5/8" - 3/4" - / - 1.1/2" "	1	5	3.6	1 2318
10 - 12 - 16 - 22 - 2 mm	1	5	3.3	1 2305
15 - 22 - 2 mm	1	5	2.9	1 2327
15 - 22 mm	1	5	2.5	1 2328
15 - 1 - 22 - 2 - 35 - 42 mm	1	5	4.0	1 2339
1/2" - 5/8" - 3/4" - / "	1	5	2.9	1 2321
1/2" - 5/8" - / - 1.1/2" "	1	5	3.0	1 2324
1/2" - 3/4" - 1" "	1	5	2.9	1 2335
3/4" - 1/2" - 5/8" - 3/4" - 1" "	1	5	3.3	1 2317

Model	Expander heads	Internal deburrer	External deburrer	No.
10 - 12 - 15 - 16 - 1 - 22 - 2 mm	1	5	3.4	1 2337
3/4" - 1/2" - 5/8" - 3/4" - / - 1 - 1.1/2" "	1	5	3.	1 2336
12 - 15 - 22 - 2 mm	1	5	3.0	1 2329
3/4" - 1/2" - 5/8" - 3/4" - 22 - 2 mm	1	5	3.6	1 2320
3/4" - 1/2" - 5/8" - 3/4" - / - 1.1/2" - 1.3/4" "	1	5	4.5	1 2341
Expander tool without expander heads for expander heads up to 42 mm / 1.3/4" "	1	5	1.0	1 2000



Description	Quantity	Description	Quantity
Expander heads standard	12	Expander adaptor type S	14
Type S / riveted expander heads	14	Brazing solder	209
Pipe cutter	114	High-Performance torch	184
Internal / external deburrer	121		

EPT®-Technology – concealed bent lever



For efficient, fitting-free installation of pipes



Quality protection against wear with the **TiN sealed** pin drive. Lifelong expanding precision



The expander head offers the following technical benefits:

- Protection against dirt and external mechanical damage
- Ergonomic, highly optimised force flow in relation to the hand force of the user, therefore reducing effort



The golden **TiN** cone offers the following technical benefits:

- Protection against abrasive wear
- Less effort
- Good protection against corrosion
- Long-lasting



Expander



Standard Expander Head

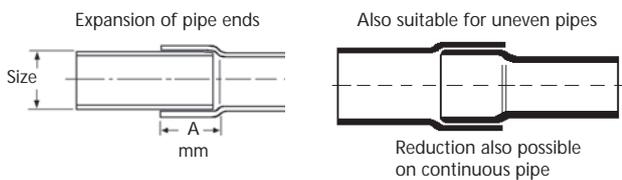
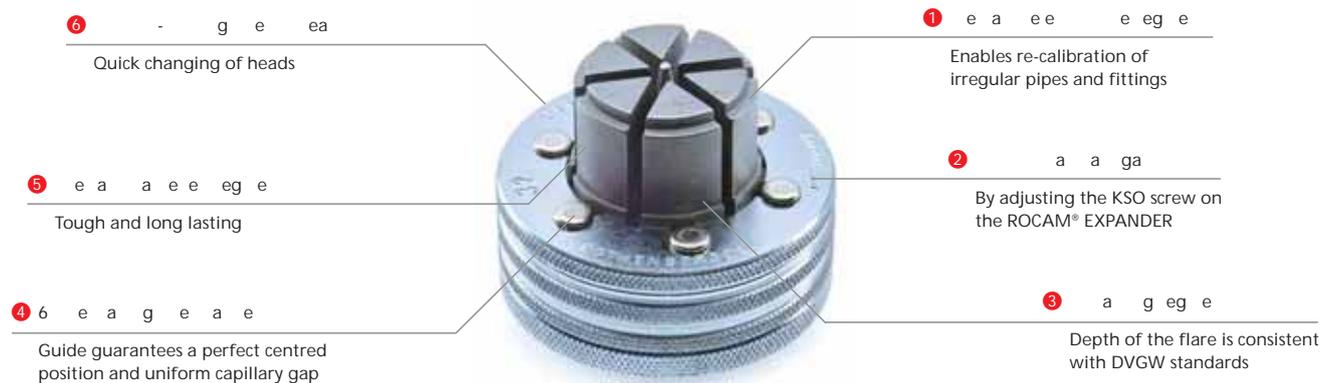
g a a e a e 8 - 42
 5/16 - 1 3/4 a g a a a e a
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e - e ee e a g
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Product Profile

- 50% reduction in labour, soldering materials and soldered joints
- ① Enables re-calibration of irregular pipes and fittings
- ② Uniform capillary gap by adjusting the KSO screw on the ROCA EXPANDER
- ③ Depth of the flare is consistent with DVGW standards

- ④ Guide guarantees a perfect centred position and uniform capillary gap
- ⑤ Tough and long lasting with the hardened segments
- ⑥ Smooth-running screw thread enables quick changing of heads
- Fits similar expanders from other brands as well



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 e a a e

mm	Wall thickness mm				A mm	g	No.
	Cu	Al	Fe	Inox			
10	1.0	1.0	1.0	1.0	6.0	120	1 1008
12	1.2	1.2	1.2	1.0	12.6	120	1 1012
14	1.2	1.2	1.2	1.0	12.6	120	1 1014
15	1.2	1.2	1.2	1.0	15.5	120	1 1015
16	1.2	1.2	1.2	1.0	15.5	120	1 1016
1	1.2	1.2	1.2	1.0	1.5	120	1 1018
20	1.2	1.2	1.2	1.0	1.5	140	1 1020
22	1.2	1.5	1.5	1.0	20.5	140	1 1022
2	1.5	1.5	1.5		1.5	390	1 1028
32	1.5				19.5	410	1 1032
35	1.6				19.5	430	1 1035
3	1.6				19.5	450	1 1038
40	1.5				19.5	400	1 1040
42	1.5				19.5	400	1 1042

Inch	Wall thickness max. mm				A mm	g	No.
	Cu	Al	Fe	Inox			
5/16"	1.0	1.0	1.0	1.0	6.0	120	1 1008
3/8"	1.0	1.0	1.0	1.0	6.4	120	1 1052
1/2"	1.2	1.2	1.2	1.0	11.0	120	1 1053
5/8"	1.2	1.2	1.2	1.0	14.0	120	1 1054
3/4"	1.2	1.2	1.2	1.0	14.1	120	1 1055
7/8"	1.2	1.2	1.2	1.0	14.0	140	1 1056
1"	1.5	1.5	1.5		15.0	150	1 1057
1.1/8"	1.6	1.6	1.6		14.0	390	1 1058
1.1/4"	1.6				14.0	410	1 1059
1.3/8"	1.6				14.0	430	1 1035
1.1/2"	1.6				14.0	450	1 1038
1.5/8"	1.6				14.5	400	1 1062
1.3/4"	1.6				14.5	500	1 1063



Description		Description	
ROCA EXPANDER Power Torque	10	Electro-Hydraulic Expander Pistol H 1	19
ROCA EXPANDER AC ECO	15	Electro-Hydraulic Expander Pistol H 2	19
ROCA EXPANDER Compact	16	COBI KIT Expander / Tee-extractor	24



EXPANDER AO

e a g e g a a a g a e
e 22 - 64 1 3/8 - 2 1/8

For efficient, fitting-free installation of pipes in sanitary heating, gas, refrigeration and air-conditioning systems

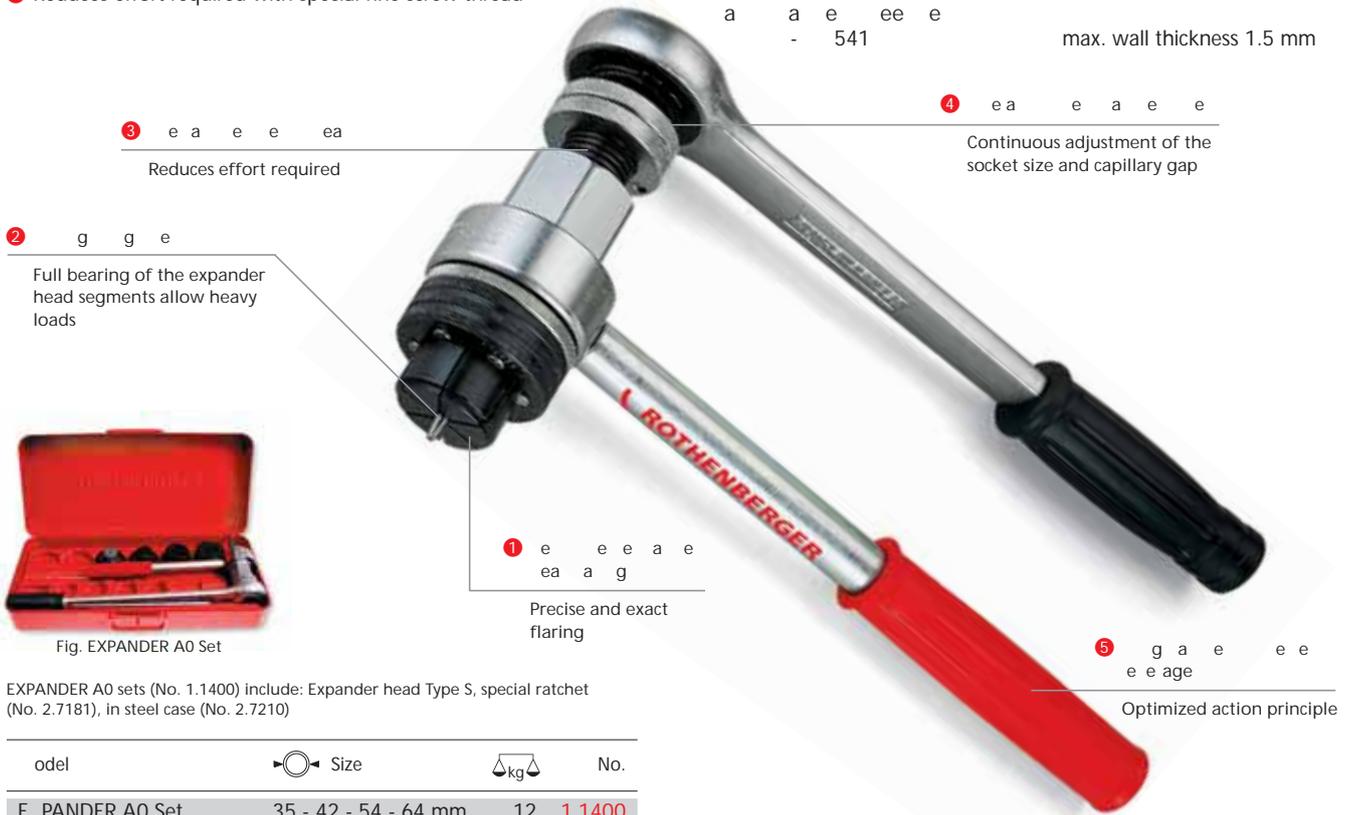
- Application and savings advantages similar to ROCA E PANDER power torque
- Increased safety by reducing the number of joints
- ① Precise and exact flaring
- ② Full bearing of the expander head segments allows heavy loads
- ③ Reduces effort required with special fine screw thread

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e a e ea a e ee a e ea e

- ④ Continuous adjustment of the socket size and capillary gap
- ⑤ Optimized action principle with long handles

Suitable for pipes made of:

e a 22 - 64 mm, / - 2.1/2"
e - a max. wall thickness 2.5 mm
P e ee 22 - 54 mm, / - 2.1/ "
a a e ee e max. wall thickness 1.5 mm
- 541



EXPANDER AO sets (No. 1.1400) include: Expander head Type S, special ratchet (No. 2.7181), in steel case (No. 2.7210)

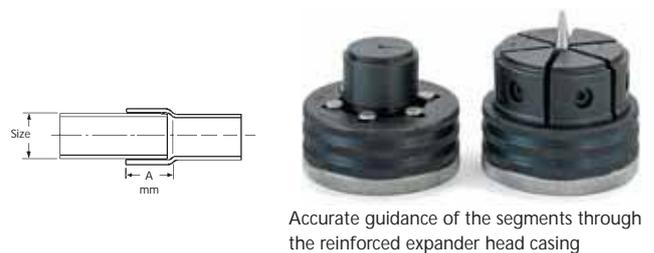
odel	Size	kg	No.
E PANDER AO Set	35 - 42 - 54 - 64 mm	.12	1 1400
E PANDER AO Set	1.3/ - 1.5/ - 2.1/ "	.4	1 1401
E PANDER AO basic unit		1.9	1 1004

EXPANDER AO Basic Unit (No. 1.1004) scope of delivery: Square drive mechanism 3/4" with handle, without expander head and ratchet

Expander Head Type S

e e ee a a a e
e 22 - 67 1 - 2 1/2 a 25 a e

mm	max. wall thickness mm				A - size mm	kg	No.
	Cu	Al	Fe	Inox			
22	2	2	1.5	1.5	1.5	350	1 1323
25	2	2	1.5	1.5	1.5	350	1 1325
2	2	2	1.5	1.5	19.5	360	1 1328
30	2	2	1.5	1.5	19.5	3 0	1 1330
32	2	2	1.5	1.5	19.5	3 0	1 1332
35	2	2	1.5	1.5	19.5	400	1 1335
36	2	2	1.5	1.5	19.5	400	1 1336
3	2	2	1.5	1.5	19.5	430	1 1338
40	2	2	1.5	1.5	19.5	430	1 1340
42	2	2	1.5	1.5	19.5	450	1 1342
52	2.5	2.5	1.5	1.5	19.5	540	1 1345
54	2.5	2.5	1.5	1.5	19.5	5 0	1 1346
64	2.5	2.5			19.5	690	1 1348
6	2.5	2.5			19.5	30	1 1380



Accurate guidance of the segments through the reinforced expander head casing

inch	max. Wall thickness mm				A - size mm	kg	No.
	Cu	Al	Fe	Inox			
1"	2	2	1.5	1.5	1.5	350	1 1376
1.1/ "	2	2	1.5	1.5	19.5	360	1 1358
1.1/4"	2	2	1.5	1.5	19.5	3 0	1 1332
1.3/ "	2	2	1.5	1.5	19.5	400	1 1335
1.1/2"	2	2	1.5	1.5	19.5	430	1 1338
1.5/ "	2	2	1.5	1.5	19.5	450	1 1362
2"	2	2	1.5	1.5	1.0	540	1 1364
2.1/ "	2.5	2.5	1.5	1.5	1.0	5 0	1 1346
2.1/2"	2.5	2.5			1.0	690	1 1348

Availability, delivery time and price of custom products for other pipe diameters available on request

Expander



Expander Adaptor Type S

ea e ea a a ea e
P P e ea a e P 1



e e ee a e ea e
e e 67 a / 2 1/2

odel



No.

Adaptor Type S, without expander head	6 mm - 2.1/2"	2.0	630	1 1007
--	---------------	-----	-----	--------

Flanged Riveted Expander Heads

e e P 0 a
a e a e



For producing exact hose connections, for example vibrating power units in

- Air-conditioning technology
- Auto manufacturing
- Industrial applications



outer dia.
Flange mm

Flange Distance /
pipe end mm



No.

mm	mm	outer dia. Flange mm	Flange Distance / pipe end mm	g	No.
15	1.5	1	4	110	1 1955
1	1.5	21	4	110	1 1958
22	1.5	25	6	120	1 1962
2	1.5	31	6	3 0	1 1968
35	1.5	3	6	400	1 1975
3	1.5	41	6	430	1 1978

Availability, delivery time and price of custom products for other pipe diameters available on request

STEP Expander A1

e a g e ga a a g a e
e 35 108 1 3/8 - 4 1/8



Special ratchet
(No. 2.2081)

Product Profile

PP

For efficient, fitting-free installation of pipes in sanitary heating, gas, refrigeration and air-conditioning systems

- Affordable alternative when laying larger pipe dimensions with a considerable saving of soldering materials
- Expand without changing tools with the 6 size step Expander
- Full bearing of the expander head segments allows heavy loads
- Optimum adjustment of the socket size and capillary gap with the positive fine adjustment
- Optimised force transmission with the trapezoidal screw thread with self-lubricating bronze socket
- Guide guarantees a perfect centred position and uniform capillary gap with 6 rivets and guiding ridge

Suitable for pipes made of:

e a a 35 - 10 mm, 1.3/ - 4.1/ " max. wall thickness 2.5 mm

Scope of delivery: Step Expander with handle, without special ratchet

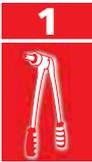
Size



No.

Size	kg	No.
35 - 42 - 54 - 64 - 6 - 10 mm	3.9	1 1087
35 - 42 - 54 - 6 - 0 - 104 mm	3.9	1 1089
35 - 42 - 54 - 0 - - 10 mm	4.1	1 1088
42 - 54 - 64 - 6.1 - .9 - 10 mm	4.2	1 1086
1.3/ - 1.5/ - 2.1/ - 2.5/ - 3.1/ - 4.1/ "	4.2	1 1078
1.1/4" - 4"	4.2	1 1093

Availability, delivery time and price of custom products for other pipe diameters available on request



ROMAX® EXPANDER AC ECO

Expansion with high power reserves up to Ø 67 mm (Copper) and/or Ø 15 mm (Stainless steel)



Product Profile

- Ideal for batch production and suitable on large construction sites
- 1 Constant axial thrust with CFT -Technology
- 2 Locking pin for each type of Expander head
- 3 Increased operating life of the Expander head
- 4 Long life and high functional safety
- 5 Higher safety with the emergency stop switch
- Precise adjustment of the capillary gap
- After pressing and holding the hold-to-run controller, expanding and calibration takes place
- Compatible with other ROTHENBERGER Expander heads
- Optimal operating range with the long 5 m cable length

Suitable for pipes made of:

Aluminum	max. 6 mm, 2.1/2"
Steel	max. wall thickness 2 mm
Stainless steel	max. 15 mm
PE	max. wall thickness 1 mm
Weight	approx. 4.5 kg
Power	230 V / 50 Hz

1 Expansion with high power reserves up to Ø 67 mm (Copper) and/or Ø 15 mm (Stainless steel)

2 Specially matched for the Expander heads Type Standard, Type S or PE-X for excellent expansion results

Expansion with high power reserves up to Ø 67 mm (Copper) and/or Ø 15 mm (Stainless steel)



5 High user safety with the immediate halt of the feeder

High user safety with the immediate halt of the feeder

Specially matched for the Expander heads Type Standard, Type S or PE-X for excellent expansion results

3 Increases the operating life of the flaring head. Only the actual power needed is conveyed to the expander head

Increases the operating life of the flaring head. Only the actual power needed is conveyed to the expander head

2 Various handling positions possible, also for use in confined spaces and over head

Various handling positions possible, also for use in confined spaces and over head

4 Safe handling in every position, ideal for one-handed operation and reduces the expander head load

Safe handling in every position, ideal for one-handed operation and reduces the expander head load

4 Long life and high operational reliability

Long life and high operational reliability



Basic sets include:
ROMAX® EXPANDER AC ECO,
Plastic case (No. F81664),
(without Expander heads)

Model	Weight (kg)	Length (m)	No.
ROMAX® EXPANDER AC ECO Basic Set for Standard Expander Heads	14.	1	1 5717
ROMAX® EXPANDER AC ECO Basic Set for Type S Expander Heads	14.	1	1 5718
ROMAX® EXPANDER AC ECO Basic Set for Type PE- Expander Heads	14.	1	1 5719

Operating manual / P - a e ea ee 12 a 71

ROMAX® EXPANDER AC ECO MAXI

Expansion with high power reserves up to Ø 108 mm (Copper) and/or Ø 15 mm (Stainless steel)

Metric: 42-54-64- 6.1- , 9-10 mm
Inch: 1.3/ -1.5/ -2.1/ -2.5/ -3.1/ -4.1/ "



Availability, delivery and price of custom products for other pipe diameters available on request

1 Hydraulic Expander



ROMAX® EXPANDER Compact



a a e e - a e a e a a
 a a 19 a 12 a e a e
 e a e a g e g a a a g
 e 67 2 1/2

Product Profile

- 1 Portable operation with the battery and AC adaptor accessories
- 2 Extremely light approx. 2.2 kg, ideal for one-handed operation
- 3 Increases the operating life of the expander head
- 4 Constant axial thrust with CFT-Technology
- 5 Accurate adjustment of the capillary gap
- 6 Specially matched for expander heads Type Standard, Type S or PE- for excellent expansion results
- 7 User safety with the easy to reach emergency switch
- Security - inhibits start when battery charge condition is low
- Reliable hold in any position

Suitable for pipes made of:

e a	max. 6 mm and/or 2.1/2"
	max. wall thickness 2 mm
a	
P e ee	max. 6 mm bzw. 2.1/2"
	max. wall thickness 1 mm
a e ee	max. 15 mm
	max. wall thickness 1 mm
e	only 345 x 0 x 90 mm
e g	approx. 2.56 kg
a e	12 / 1.9 Ah Ni h



4 - e g a a a a 19

Expansion up to Ø 67 mm (Copper) and Ø 15 mm (Stainless steel)

3 e a

Increases the operating life of the expander head, only the actual power needed is conveyed to the expander head

2 e e
 Extremely light (2.56 kg)

5 ee a -
 e e

Accurate adjustment of the capillary gap

6 a e ea e
 e a e ea

Specially matched for the Expander heads Type Standard, Type S or PE-X for excellent expansion results

a a e e g

Reliable hold in any position, ideal for one-handed operation

7 e ge

High user safety with the immediate halt of the feed and reduction of the expander head load

1 a e ea

Portable operation with battery and AC adaptor (accessories)

g a g e a

- Efficient, fitting-free installation of pipes in sanitary, heating, gas, refrigeration and air-conditioning systems
- Eliminates the cost of purchase and storage of fittings
- 50% reduction in labour
- 50% reduction of soldering materials and energy
- No additional costs for special expander heads

- a a

- Expander head receiver is compatible with ROTHENBERGER expander heads
- Choice between the expander head standard, Type S or PE-



ROMAX® EXPANDER Compact Basic Sets

5- a Basic Set I includes: RO A E PANDER Compact, 2 batteries 12 / 1.9 Ah No. 1.5019 , quick-charger No. 1.501 , in plastic carrying case without expander heads

3- a Basic Set II includes: RO A E PANDER Compact Basic nit, power supply 230 No. 1.503 , in plastic carrying case, without expander heads

a e e 2 a e e a e e
e -P 12 230

5 a e e g

Large working radius



Fig. Power supply unit 230 V (accessory) with 5 m long cable (No. 1.5037)



Fig. ROMAX® EXPANDER Set Basic

odel	ersion		No.
RO A	Expander Compact Basic Set I	for Expander Heads Standard	1 1 5714
RO A	Expander Compact Basic Set II	for Expander Heads Standard	1 1 5714
RO A	Expander Compact Basic Set I	for Expander Heads Type S	1 1 5715
RO A	Expander Compact Basic Set II	for Expander Heads Type S	1 1 5715
RO A	Expander Compact Basic Set I	for Expander Heads Type PE-	1 1 5716
RO A	Expander Compact Basic Set II	for Expander Heads Type PE-	1 1 5716

a e ea / P - a e ea ee 12 a 71



Description	No.	Description	No.
Power supply, 230	1 5037	Internal / external deburrer	121
Charger, 12 / 230	1 5017	High-Performance Torches	184
Replacement battery, 12 / 1.9 Ah Ni h	1 5019	Brazing Solder	209
Pipe Cutter	114	Plastic case with formed inlay 1	1 5016

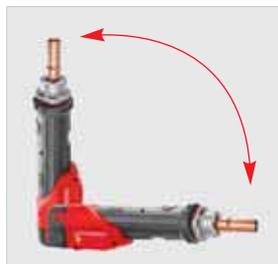
Universal adaptor for
ROTHENBERGER Expander Heads



Compatible with ROTHENBERGER
Expander Heads



Workbench function with the
stable surface support



Emergency stop switch



1 Hydraulic Expander



Hydraulic Expander System H 600



e a g e g a a a g a a
a e e a

Product Profile

- 1 Individual modular design
- 2 Industrial quality expansions
- 3 Proper and efficient handling of material

Suitable for normal and thick walled pipes made of:
 e a a - 110 mm, 5/16 - 4.1/4"
 max. wall thickness 3.0 mm
 P e a a e ee - 110 mm, 5/16 - 4.1/4"
 max. wall thickness 3.0 mm

a e e 1.2 kW
 a e e 2.1 A
 e a g e e 0 - 600 bar
 a e a g e e 00 bar
 e e a a 0. 2 l / min
 a 100 / 0 bar
 a e a eg IP 54
 a 400 / 1200 W



g
 Allows set-up and auto-mode

3 a a e a e a
 a a e e a g e
 e - a a - e
 Allows proper, efficient handling of material

1 e e a e e a
 e e e a e
 1 a / 2
 g a e
 Individual modular design

P e 400 / 1200 e
 Quick expansion of large, thick-walled pipes

2 e a e e e e e
 Industrial quality expansions

a e a e
 e a e ea
 Multi-functional

Set No. 1.3100 includes: Electro-Hydraulic Expander System H 600 complete with hydraulic unit H 600 (No. 1.3002), expander pistol H 1 (No. 1.2001), control cable, hydraulic hose 2.5 m with circuit points, adjusting tool, tool rack (No. 1.3023), safety foot pedal and hydraulic oil 1 l (No. 5.8185). Without expander heads.
 Set No. 1.3002 includes: Electro-hydraulic unit H 600 with safety foot pedal, adjusting tool, tool rack (No. 1.3023) and hydraulic oil 1 l (No. 5.8185) without expander heads.

odel	kg	No.
Hydraulic System complete, without heads	36.0	1 3100
Hydraulic Tool H 600	33.1	1 3002



Electro-Hydraulic Expander Pistol H 1

e
 a e ea a a - 42 mm, 5/16 - 1.3/4"
 up to 1.6 mm wall thickness
 a e ea e
 with adaptor No. 1.100 22 - 6 mm, / - 2.1/2"
 up to 2.5 mm wall thickness

Expander Pistol H 1
(No. 1.2001)



Scope of delivery: 2.5 m control cable (No. F88928), hydraulic hose (No. 1.2023), adjusting tool (No. 1.2017), hydraulic oil 1 l (No. 5.8185)

odel	kg	No.
Electro-Hydraulic Expander Pistol H 1	2.9	1 2001
S-Head adaptor for H 1	0.6	1 1007

Electro-Hydraulic Expander Pistol H 2

e e - a 600 e
 a e ea e 22 - 6 mm, / - 2.1/2"
 up to 2.5 mm wall thickness
 a a 1 2097
 a e ea 2 2 - 0 mm, 1.1/ - 2.3/4"
 up to 2.5 mm wall thickness
 e 2
 a e ea 2 0 - 110 mm, 2.3/4 - 4.1/4"
 up to 3.0 mm wall thickness
 e 3
 a a e a e ea 2 - 110 mm, 1.1/ - 4.1/4"
 up to 3.0 mm wall thickness

Expander Pistol H 2
(No. 1.2003)



Adaptor
(No. 1.2097)

Scope of delivery: Electro-Hydraulic Expander Pistol, 2.5 m control cable, hydraulic hose with quick coupling for H 600 and adjusting tool (without expander heads)

odel	kg	No.
Electro-Hydraulic Expander Pistol	.5	1 2002
Electro-Hydraulic Expander Pistol HA 2	.5	1 2003
S-head adaptor for H 2	1.1	1 2097



Adjusting tool
(No. 1.2018)

Riveted Expander Heads H 2

Only one head necessary for every pipe diameter.

Pe a e a e ea a e e e e g

Graduated Expander Heads HA 2

With 6 aluminium graduated segments.

Pe a e a e ea a e e e ea e 6
e e e g

odel	for pipe-mm	max. mm	No.
H 2 / Type 2	2 - 0	2.5	1 2078
H 2 / Type 3	0 - 110	3.0	1 2080
HA 2	2 - 110	3.0	1 2070



*Custom-made products:
Availability, delivery time and price available on request

Tee-Extractor



Tee-Extractor



e e - a e e a
g- ee e a a 12 - 42 3/8 - 2 1/8

Product Profile

- Eliminates the cost for T-pieces, purchase and storage of fittings
- ① p to 6 reduction in labour
- ① p to 6 reduction in soldering materials and soldered joints
- ② Extractions even on installed pipes possible
- ③ Accurate drilling
- ④ Professional extractions with the optimum capillary gap
- ⑤ Optimal positioning with the cam pincher depth adjustment
- ⑥ Special screw thread reduces effort required

Suitable for pipes made of:

e e - 12 - 42 mm, 3/8 - 2.1/8" max. wall thickness 2.5 mm
a 12 - 42 mm, 3/8 - 2.1/8" max. wall thickness 2.5 mm
P e ee 12 - 42 mm, 3/8 - 2.1/8" max. wall thickness 2.5 mm



No. 2.2081

⑥ e a e
ea
Reduces effort required

⑤ e e e
e
Optimal positioning

④ a a ga
Professional extractions

① e e e
Up to 67% reduction of soldering materials, soldered joints and labour

② e e a
Extractions even on installed pipes possible

⑤ aea a e a e



No. 2.2080

a a P e
Limits insertion depth for
Ø 12 - 42 mm (1/2 - 1.5/8")

③ a 28 / 42
Accurate drilling



No. 2.1583 / No. 2.1575



Tee-Extractor Sets

Sets include: Tee-Extractor according to chart, special ratchet No. 2.20 1, cam pincer No. 2.20 0 and special conical drill NIDRILL Automatic 42 No. 2.15 5, in steel case No. 2.4022



Accurate and firm positioning for exact 90° branches



Easy insertion into the drilled hole



Fig. Tee-Extractor Set

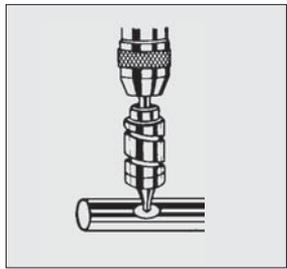
odel	Description	kg		No.
Tee-Extractor Set	12-15-1 -22-2 -35-42 mm	5.50	1 3	2 2126
Tee-Extractor Set	10-12-1-16-1 -22 mm	3.	1 5	2 2111
Tee-Extractor Set	10-12-15-1 -22 mm	3.50	1 5	2 2102
Tee-Extractor Set	12-14-16-1 -22 mm	3.65	1 5	2 2109
Tee-Extractor Set	12-15-1 -22 mm	3.43	1 5	2 2100
Tee-Extractor Set	12-15-1 -22-2 mm	3.90	1 5	2 2103

odel	Description	kg		No.
Tee-Extractor Set	12-15-22-2 mm	3.6	1 5	2 2101
Tee-Extractor Set	15-22-2 mm	3.65	1 5	2 2127
Tee-Extractor Set	1/2-5/ -3/4- / "	3.4	1 5	2 2121
Tee-Extractor Set	1/2-5/ - / -1.1" "	3.4	1 5	2 2124
Tee-Extractor Set	1/2-3/4-1"	3.34	1 5	2 2135

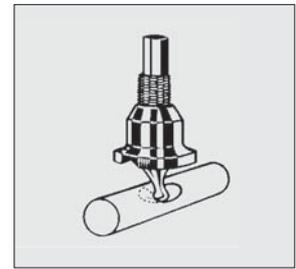


Description	No.	Description	No.
NIDRILL automatic 2 / 42	23	Pipe cutter	114
Extractor cam pincer	23 2 2080	Internal / external deburrer	121
Extractor support plates	23	High-Performance torch	184
Evercool drill and extraction Paste	23 2 1549	Steel case	2 4022

Precise drilling of the pipe without a centre punch – drill stop prevents perforation of the pipe



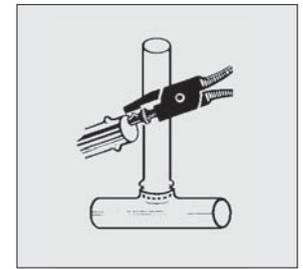
Insert extractor hook into the drilled hole and screw the bell firmly against the drill hole



Using the ratchet, turn the extractor to the left, while paying attention that the V-block is seated securely



After extraction, set correct insertion depth (dependant on pipe Ø) with cam pincer



Simply calibrate the tee Ø on the UNIDRILL Automatic and the drilled hole Ø will automatically correspond to the extractor hook required

Tee-Extractor



Tee-Extractor

10 - 54 3/8 - 2 1/8

Product Profile

- Uniform and proper material extraction without scratches or burrs
- ① Optimum force transmission with special trapezoidal screw thread
- ② Burr-free operation with the specially polished extractor hooks
- ③ Easy insertion into the drilled hole with the special trapezoidal screw thread
- ④ Accurate and firm positioning for exact 90° branches



mm /Inch	mm	Drill-mm	SW mm	g	No.
----------	----	----------	-------	---	-----

10	1.0	6	11	130	2 2010
12	1.0		11	150	2 2012
14	1.0		11	160	2 2014
15	1.0		11	160	2 2015
16	1.0		11	220	2 2016
1	2.0	10	11	220	2 2018
22	2.0	12	11	350	2 2022
2	2.5	15	11	400	2 2028
32	2.5	19	11	00	2 2032
35	2.5	22	11	00	2 2035
3	2.5	22	11	00	2 2038
40	2.5	24	11	90	2 2040
42	2.5	26	11	90	2 2042
54	2.5	30	3/4" ■	130	2 2054

■ Square ● Hexagon

mm /Inch	mm	Drill-mm	SW mm	g	No.
----------	----	----------	-------	---	-----

3/8"	1,0	6	11	110	2 2060
1/2"	1,0		11	140	2 2061
5/8"	1,0		11	220	2 2016
3/4"	2,0	10	11	220	2 2062
7/8"	2,0	12	11	350	2 2063
1"	2,5	14	11	400	2 2064
1.1/8"	2,5	15	11	400	2 2065
1.1/4"	2,5	19	11	00	2 2066
1.3/8"	2,5	22	11	00	2 2035
1.1/2"	2,5	22	11	00	2 2038
1.5/8"	2,5	26	11	900	2 2068
1.3/4"	2,5	26	11	900	2 2069
2"	2,5	30	3/4" ■	130	2 2050
2.1/8"	2,5	30	3/4" ■	130	2 2054

Spare Extractor Hooks

10 - 54 3/8 - 2 1/8



mm	g	No.	mm	g	No.
----	---	-----	----	---	-----

10	60	2 2210	3/8"	60	2 2260
12	90	2 2212	1/2"	90	2 2261
14	90	2 2214	5/8"	140	2 2216
15	90	2 2215	3/4"	140	2 2263
16	140	2 2216	7/8"	200	2 2264
1	140	2 2218	1"	210	2 2265
20	200	2 2220	1.1/8"	220	2 2266
22	210	2 2222	1.1/4"	200	2 2267
2	220	2 2228	1.3/8"	290	2 2235
32	260	2 2232	1.1/2"	290	2 2268
35	290	2 2235	1.5/8"	320	2 2270
3	290	2 2268	1.3/4"	360	2 2244
40	300	2 2240	2"	520	2 2246
42	320	2 2242	2.1/8"	560	2 2254
54	560	2 2254			



Tee-Extractor Ratchet

Chrome vanadium steel, fine toothed and right/left reversible



No. 2.2081



No. 2.7181

odel	SW	g	No.
10 - 42 mm, 3/4" - 1.3/4"	11 mm	435	2 2081
54 - 0 mm, 2 - 2.3/4"	3/4"	1140	2 7181

Extractor Cam Pincer

- Identification point marks insertion depth exactly and prevents over-insertion
- Cam depth adjustment wheel with scale



mm	Inch	mm	g	No.
12 - 42	1/2 - 1.5/8"	150	1 0	2 2080

E ERCOOL

a e a a e

- Longer tool life
- All-purpose use except for drinking water installation
- Suitable for aluminium and precision steel
- Easy application with the integrated pen for applying the paste



odel	Contents	g	No.
E ERCOOL	50 g	0	2 1549

UNIDRILL Automatic 28 / 42

e a a

- Fast, burr-free drilling
- Precise location without need for centre punch special drill tip
- Calibrated drill automatically corresponds to the correct extractor hook and branch size
- Drill stop prevents damage to pipe walls



a 28 / 42
Accurate drilling

No. 2.1583

No. 2.1575

odel	mm	Inch	SW	g	No.
NIDRILL 2	10 - 2	3/8" - 1.1/8"	11	110	2 1583
NIDRILL 42	10 - 42	3/8" - 1.5/8"	11	430	2 1575

Extractor Support

- Prevents deformation during extraction, especially for soft pipe material



a a e
Prevents deformation during extraction

ainpipe	Branchpipe	g	No.
22 mm	20 mm	250	2 2157
2 mm	25 mm	300	2 2158
1/2"	3/8"	120	2 2170
5/8"	1/2"	1 0	2 2153
3/4"	5/8"	250	2 2172
1"	3/4"	250	2 2157
1 1/8"	1"	300	2 2174
1 1/4"	1 1/8"	300	2 2158

1 Tee-Extractor / Expander



COMBI IT Expander / Tee-Extractor

Pa a a a - a g e a
 a P P e e a ee-
 a a e e
 12 - 28 1/2 - 1 1/8

e - e ee
 e a g e g a e
 ea g a a e e a g
 e 40 ea



Product Profile

- Saves time and facilitates installation
- Increases safety by reducing the number of connections
- Suitable for making branches even in confined spaces through the compact design
- ① Fine adjustment of the capillary gap using the KSO-screw
- ② Reduces effort required and increases work space
- ③ Up to 67% reduction of soldering materials and soldered joints
- ④ Accurate drilling

- ⑤ Saves resources by converting scrap pipes into fittings
- ⑥ Protects against dirt with EPT -Technology
- ⑦ Reliable pipe connections to D -GW standards

Suitable for pipes made of:
 a e a
 a ee 12 - 2 mm and 1/2 - 1.1/ " "

① Fine adjustment of the capillary gap using the KSO-screw

② Reduces effort required and increases work space

③ Up to 67% reduction of soldering materials and soldered joints

④ Accurate drilling

⑤ Saves resources by converting scrap pipes into fittings

⑥ Protects against dirt and external mechanical damage

Limiting pin: Limits insertion depth for Ø 12 - 42 mm (1/2 - 1.5/8")

Product numbers: No. 2.2080, No. 2.1583 / No. 2.1575

COMBI KIT Expander / Tee-Extractor Sets

Sets include: ROCA E PANDER Power Torque No. 1.2000 , Standard expander heads, tee-extractor, special ratchet No. 2.20 1 , NIDRILL Automatic 2 No. 2.15 3 , extractor cam pincer No. 2.20 0 , steel case No. 2.4022



7 P e e a e ea
e a g e g e

Reliable pipe connection to DVGW standards



Fig. COMBI KIT Expander / Tee-Extractor

The P - e g e P e a of the expander heads offers the following technical benefits:

Protection against dirt and external mechanical damage

Ergonomic, highly optimised force flow in relation to the hand force of the user, therefore reducing effort



The golden a - e a g of the expander cone offers the following technical benefits:

g a 2300 Protection against dirt and abrasive wear

Energy efficient

Good protection against corrosion

Long-lasting



odel	Description	kg		No.
CO BI KIT Expander / Tee-Extractor Set	12-15-1 -22 mm	4.4	1 5	1 1180
CO BI KIT Expander / Tee-Extractor Set	12-14-16-1 mm	2.61	1 5	1 1186
CO BI KIT Expander / Tee-Extractor Set	15-22-2 mm	2.30	1 5	1 1187
CO BI KIT Expander / Tee-Extractor Set	1/2-5/ - / -1.1/ "	2.	1 5	1 1194
CO BI KIT Expander / Tee-Extractor Set	1/2-3/4-1"	2.50	1 5	1 1195



Description	No.	Description	No.
Expander heads standard	12	Pipe cutter	114
NIDRILL automatic 2 / 42	23	Internal / external deburrer	121
Extractor support plate	23	Steel case	2 4022
Evercool drill and extraction paste	23 2 1549		
Extractor cam pincer	23 2 2080		

Quality protection against wear with the TiN-sealed expander heads. Lifelong expanding precision



KSO-Screw



P - e g - concealed bent lever



Tee-Extractor



Tee-Extractor



Universal Tee-Extractor

54 - 70 2 1/8 - 2 3/4

Product Profile

- Suitable for making branches even in confined spaces through the compact design
- ① Exact 90° branches through the accurate and firm positioning
- ② Extractions even on installed pipes possible
- ③ Burr-free extractions through exact drilling
- ④ Cost-effective increase of the operating range
- ⑤ Optimum force transmission with the special trapezoidal screw thread
- ⑥ Quick and easy extraction

Suitable for pipes made of:

54 - 0 mm, 2.1/ - 2.3/4" max. wall thickness 5.0 mm
 54 - 0 mm, 2.1/ - 2.3/4" max. wall thickness 5.0 mm



Fig. UNIVERSAL Tee-Extractor with optional accessories: ROKRAFT support (No. 2.2093), ROKRAFT power multiplier (No. 2.2090), and Special ratchet (No. 2.7181)

54 - 70 2 1/8 - 2 3/4

Scope of delivery: Universal Tee-Extractor with 2 chain wrenches (No. 2.2076), double arm telescopic receptacle (No. 2.2093) for ROKRAFT support, steel case (No. 3.6715)

mm	Inch	mm	Drill- mm	SW	kg	No.
54	2.1/ "	3.0	30	3/4"	10.	2 2052
60	2.3/ "	3.0	32	3/4"	10.9	2 2055
64	2.1/2"	3.0	32	3/4"	11.2	2 2056

ge a e e e e a e a

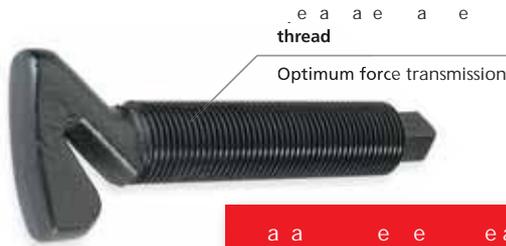
Burr-free extraction

mm	Inch	mm	Drill- mm	SW	kg	No.
6	2.5/ "	3.0	32	3/4"	11.5	2 2053
0	2.3/4"	3.0	35	3/4"	12.0	2 2057



Extractor Hooks

Interchangeable within the same bell size
 ● Easily refitted for other pipe sizes



mm	Inch	Bell Size	Drill-mm	SW	kg	No.
54	2.1/ "	1	30	3/4"	0.9	2 2281
60	2.3/ "	1	32	3/4"	0.9	2 2282
64	2.1/2"	1	32	3/4"	0.9	2 2283
6	2.5/ "	1	32	3/4"	0.9	2 2284
0	2.3/4"	1	35	3/4"	0.9	2 2285

Chain Wrench

With quick-release lever for simple and secure fixing of the tee-extractor bells



Model	max mm	max. Inch	mm	kg	No.
Clamp pliers	0	3.1/2"	40	1.36	2 2076

EVERCOOL

- Longer tool life
- All-purpose use except for drinking water installation
- Suitable for aluminium and high-precision pipes
- Easy application with the integrated pen for applying the paste



Model	Contents	kg	No.
EVERCOOL	50 g	0	2 1549

Extractor Ratchet

Chrome vanadium steel, fine toothed and right/left reversible

Model	SW	mm	kg	No.
54 - 0 mm, 2.1/ " - 2.3/4	3/4"	400	1.14	2 7181

HSS Bi-Metal Hole Saw

Without adaptor



for Tee-Extractor-	Drill-mm	Count Type	kg	No.
54 mm	2.1/ "	30 A 11	0	11 4030
60 - 6 mm	2.3/ - 2.5/ "	32 A 2	104	11 4032
0 mm	2.3/4"	35 A 2	110	11 4035
a a e a ee 139 / 140				

Adaptor with Central Drill



Model	SW	kg	No.
A 11 for hole saw - 14 - 30 mm	11 mm	5	11 4161
A 2 for hole saw - 32 - 152 mm	11 mm	230	11 4162
HSS spare centre drills - 6.35 mm		20	11 4171

ROKRAFT Power Multiplier

For fast and effortless operation, with epicyclical gear, multiplication factor 1:4, max. 1. kNm, without support



*Availability, delivery and price available on request

Model	for Extractor size	Drive	Hook	kg	No.
ROKRAFT 54 - 0 mm, 2.1/ " - 2.3/4	3/4"	3/4"	3/4"	3.5	2 2090
Support, double arm				1.	2 2093



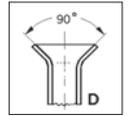
Flaring Tools



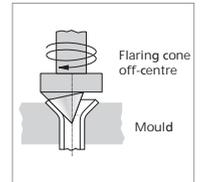
Reeling Flaring Tool



6 - 18 mm / 1/8 - 3/4 inch



High quality flares



Tough and long-lasting

Highest flare precision

Controlled expanding and shaping of the pipe end without tearing

No. 2224.01, No. 2224.02, No. 2224.03

Pipe will not slip

Reeling Flaring Tool set includes: Reeling Flaring Tool in plastic case with Mould in metric and/or imperial format



Fig. Reeling Flaring Tool Set

Model	mm / Inch	No.
Set EB 6 - 10 - 12 - 14 - 15 - 16 - 18 mm		2224 01
1/8 - 3/16 - 1/4 - 5/16 - 3/8 - 1/2 - 5/8 - 3/4"		
Set EB 1/8 - 3/16 - 1/4 - 5/16 - 3/8 - 1/2 - 5/8 - 3/4"		2224 02
Set EB 6 - 10 - 12 - 14 - 15 - 16 - 18 mm		2224 03

Model	mm / Inch	No.
Metric 6 - 10 - 12 - 14 - 15 - 16 - 18 mm		2224 13
Imperial 1/8 - 3/16 - 1/4 - 5/16 - 3/8 - 1/2 - 5/8 - 3/4"		2224 12

Universal Flaring Tool

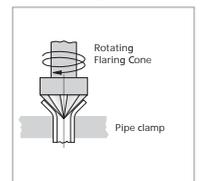
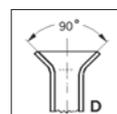
4 - 16 mm / 3/16 - 5/8 inch

- Universal application and highest flare precision through self-centring pipe clamp for all diameters
- Controlled flaring without tearing, forming perfect surfaces
- Hardened flare cone with special geometry



No. 2226.01

Best flaring results



Universal Flaring Tool set (No. 2226.01) includes: Universal Flaring Tool for pipe diameters 4 - 16 mm, 3/16 - 5/8", in plastic case

Model	mm	Inch	No.
Set EB 4 - 16 mm		3/16 - 5/8"	900 2226 01



Precision Double Flaring Press DB 10

4 75 - 10 a e a e a a g 74234
a e 07 - 10

Product Profile

a ea

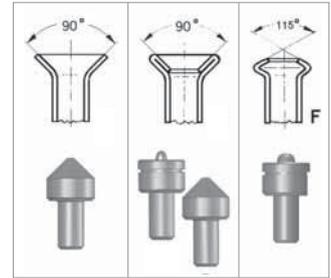
On copper, aluminium and steel pipes, seamless pipe and double-walled pipes, for example

- ea a e e

- 1 Ideal for endless pipes
- 2 For several flaring profiles, wall thickness 0.7 - 1 mm
- 3 Universal use with the pluggable pressure cone
- 4 Accurate and reproducible results
- 5 Clamping block for several pipe diameters
- 6 Reliable hold with the 25 mm pipe clamping length
- 7 Suitable for clamping in a vice

a a e a a e a e e e
a a e a g a a e

- Universal flaring contour
- Extension of brake and / or hydraulic pipes
- Connection by means of coupling rings, sealed by means of flaring surface
- Counting using coupling ring, for example hydraulic control block and / or distributor block
- Seal between drill-hole and flaring surface



Set (No. 2.6013) includes: Basic tool with pressure cone (No. 2.6010), flaring attachments, 1 set of clamping blocks (No. 2.6011)

odel	mm	kg	No.
DB 10 Set	4. 5 - 5 - 6 - - 9 - 10 mm	2.64	2 6013
Flaring attachments 4. 5 / 5 mm		0.20	2 6001
Flaring attachments 6 mm		0.20	2 6002
Flaring attachments mm		0.20	2 6003
Flaring attachments 9 mm		0.20	2 6004
Flaring attachments 10 mm		0.20	2 6005

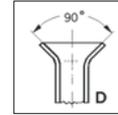
Description	mm	kg	No.
Pressure cone		20	2 6010
Clamping spindle		90	2 6015
Flaring spindle		300	2 6016
Distance bolt		30	2 6017
Set of clamping blocks 2 pc. for Pipes 4. 5 - 5 - 6 - - 9 - 10 mm		190	2 6011

Flaring Tools



ROFLARE

a g e 45 g e a e
 a e e e a a e
 6 - 16 3/16 - 5/8



Product Profile

a ea

Application in the refrigeration and automotive brakes industries

- 1 Accurate off-centre clamping of the pipe and automatic self-centring
- 2 Efficient and gentle handling of material
- 3 Light-weight and long-lasting
- 4 Controlled flaring and shaping without tearing

- 5 Pipe will not slip
- With the ROFLARE double flare attachments, double flares are also possible

Suitable for pipes up to a wall thickness of 1 mm made of:

e e a a a e ee e

2 e a e ea
Efficient and gentle handling of material

3 a e g - a ee
Light-weight and long lasting

4 g a ea g a e
Controlled flaring and shaping without tearing through the hardened and polished flare cone

5 e a a e e a e a e
Pipe will not slip

1 a g a e
Accurate off-centre clamping of the pipe and automatic self-centring

No. 2.6038

ROFLARE sets include: ROFLARE Basic Unit with integrated attachments

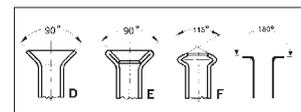
odel	Description	kg	No.
ROFLARE Set	6 - - 10 - 12 - 14 - 16 mm	1.0	2 6038
ROFLARE Set	6 - - 10 - 12 - 15 - 16 mm	1.0	2 6022
ROFLARE Set	3/16 - 1/4 - 5/16 - 3/ - 1/2 - 5/ " "	1.0	2 6033

ROFLARE / ROFORM accessories

Double flare attachment type E and F / Adaptor 1 0 fits ROFLARE flaring tools type EB as well as ROFOR socket and flaring tool



Adapter 180°



Double flare attachment with pipe depth stop for pipe clamping

odel	Description	kg	No.
DB	6 - - 10 - 12 - 15 mm	120	2 6023
DB	3/16 - 1/4 - 5/16 - 3/ - 1/2"	120	2 6034
Adaptor for 1 0 Flare		50	2 6039

ROFORM Set

Double flare attachment Type E and F / Adaptor 1 0 fits ROFLARE flaring tools type EB as well as ROFORM socket and flaring tool



Fig. ROFORM Set



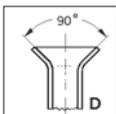
odel	Description	kg	No.
ROFOR Set	6 - - 10 - 12 - 14 - 16 mm	2.2	2 6711
ROFOR Set	6 - - 10 - 12 - 15 - 16 mm	2.2	2 6710
ROFOR Set	3/16 - 1/4 - 5/16 - 3/4 - 1/2 - 5/8 "	2.2	2 6717

ROFORM sets include: ROFORM Basic Unit, 45° cone, expander pin, internal and external deburrer Ø 4 - 36 mm (No. 1.1006), pipe cutter TUBE CUTTER 28 Ø 3 - 28 mm (No. 7.0010), in plastic case

Standard Flaring Tool

Standard Flaring Tool is designed for mobile use for pipes in refrigeration, air-conditioning and automotive brakes industries. It features a 45-degree flaring angle and a self-centring die for high precision.

Ideal for mobile use for pipes in refrigeration, air-conditioning and automotive brakes industries



Product Profile

- Made of light, durable high-quality steel
- Special screw thread ensures efficient and gentle handling of material
- Highest flare precision with the self-centring die
- High-quality flare sealing surface due to hardened and polished flaring cone
- Non-slip die available in metric and imperial sizes

Standard Flaring Tool is available in metric and imperial sizes. The die is hardened and polished for high-quality flaring.



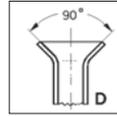
odel	mm / Inch	g	No.
Set EB	4 - 4.5 - 6 - - 10 - 12 - 14 mm	9 0	2 6050
Set EB	3/16 - 1/4 - 5/16 - 3/4 - 1/2 - 5/8 "	9 0	2 6051



Standard Flaring Tool Sets



g e 45 g e a e
 e a a 1 a e



Sets include: Standard Flaring Tool and TUBE CUTTER 30 PRO (No. 7.1019), for pipes Ø 3 - 30 mm and Z/or 1/8 - 1.1/8", plastic carrying case

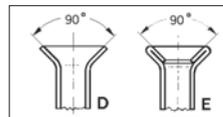
odel	mm / Inch	kg	No.
Set EB 4 - 4, 5 - 6 - - 10 - 12 - 14 mm		1.5	2 6053
Set EB 3/16 - 1/4 - 5/16 - 3/ - /16 -1/2 - 5/ "		1.5	2 6054



Standard Flaring Tool Sets



g 45 g e a e a e
 e a a 1 a e



Sets include: Standard Flaring Tool and TUBE CUTTER 30 PRO (No. 7.1019), for pipes Ø 3 - 30 mm and/or 1/8 - 1.1/8", incl. 7 double flaring attachments, plastic carrying case

odel	mm / Inch	kg	No.
Set DB 4 - 4, 5 - 6 - - 10 - 12 - 14 mm		1.55	2 6048
Set DB 3/16 - 1/4 - 5/16 - 3/ - /16 -1/2 - 5/ "		1.55	2 6052



Flaring and Swaging Set



e a a a a a e
 a a a ea g a a e ge a
 a a - g e a e a
 a e

Flaring and Swaging set (No. 2.6020) includes: MINICUT I, Ø 3 - 16 mm (No. 7.0401), internal and external deburrer, Ø 4 - 36 mm (No. 1.1006), double flare press DB 10 (No. 2.6013), TUBE BENDER set, Ø 4,75 - 10 mm (No. 2.4112), in steel carrying case (No. 2.4022)

odel	mm	kg	No.
Flaring / Swaging Set 4, 5 - 5 - 6 - - 9 - 10		5.5	2 6020
ROCOL Extraction and Flaring Lubrication only suitable for heating installation		0.1	2 2399
Steel case, empty		1.3	2 4022



TUBE BENDER

a a e e a e e g 90
5 - 12 1/4 - 1/2

Product Profile

- 1 Accurate bending even in restricted spaces
- 2 Production of U-bends, counter bends, swan-neck bends and connecting bends possible at all levels
- 3 Quick and simple change of the bending formers
- 4 Fast release and removal of the bending formers
- 5 One handed operation through the ergonomic design
- 6 Fast and accurate bending

Suitable for pipe made of:

e	5 - 12 mm, 1/4 - 1/2"
a a	5 - 12 mm, 1/4 - 1/2"
e	5 - 12 mm, 1/4 - 1/2"
a e	5 - 12 mm, 1/4 - 1/2"
P e ee	5 - 12 mm, 1/4 - 1/2"



Various bends possible



TUBE BENDER



Bending Formers



Back Plates



Bending Segments



TUBE BENDER sets include: Basic tool complete with bending segments, bending formers, in plastic carrying case (No. 2.4025)

odel	kg			No.
Basic Set basic tool , back plates, bending formers, plastic case	1.00	1	5	2 4010
TB Set 5 - 6 - - 10 mm	2. 4	1	5	2 4131
TB Set 6 - - 10 - 12 mm	3.03	1	5	2 4132
TB Set - 10 - 12 mm	2. 2	1	5	2 4133
TB Set 1/4 - 5/16 - 3/ - 1/2"	2.92	1	5	2 4134
Basic tool without bending segments	0.36			2 4130
Plastic carrying case	0.60			2 4025

TUBE BENDER Bending Segments

odel	Size	g	No.
Bending Segments	5 mm		190 2 4001
Bending Segments	6 mm		210 2 4002
Bending Segments	mm		250 2 4003
Bending Segments	9 mm		360 2 4004
Bending Segments	10 mm		390 2 4005
Bending Segments	12 mm		390 2 4007
Bending Segments	1/4"		210 2 4002
Bending Segments	5/16"		250 2 4003
Bending Segments	3/ "		2 0 2 4006
Bending Segments	1/2"		3 0 2 4008

Previous bending segments are compatible (Without back plates)!

Please consult guide for accurate bending according to the chart starting on 44.

1 Standard Benders



TUBE BENDER MAXI



a a e e a e e g 90
12 - 32 3/8 - 1 1/4

Product Profile

a ea

universal application possibilities in sanitary and heating installations, floor heating, refrigeration and air-conditioning, as well as hydraulic systems

- 1 Production of U-bends, counter bends, swan-neck bends and connecting bends possible at all levels
- 2 Bending formers are easily changeable through the bayonet coupling
- 3 Quick release and reset of the bending former
- 4 Ideal in restricted spaces and for one handed operation
- 5 Tough and long-lasting

6 Optimum bending results

Suitable for pipe made of:

e a a	12 - 22 mm, 3/8 - 1"
e a e	10 - 16 mm, 3/8 - 5/8"
P e ee	12 - 22 mm, 3/8 - 1"
a e ee - a e	12 - 16 mm, 3/8 - 5/8"
a e	14 - 32 mm, 5/8 - 1.1/4"



Fig. TUBE BENDER MAXI-Set

Sets include: Basic Tool (No. 2.3000), bending support (No. 2.3001) with bending segments, bending formers, in steel carrying case (No. 2.4002)

odel	kg	No.
Set 12 - 15 - 1 - 22 mm	3.46	2 3020
Set 12 - 14 - 16 - 1 - 22 mm	3.52	2 3021
Set 3/8 - 1/2 - 5/8 - 3/4 - 1"	3.42	2 3022
Set SR 14 - 16 - 1 - 20 - 25 mm	3.62	2 3090
Set SR 14 - 16 - 1 - 20 - 26 mm	3.62	2 3091
Set SR 14 - 16 - 1 - 20 - 26 - 32 mm	.20	2 3095
Basic tool without bending support	0.9	2 3000
Bending support with R/L formers	0.52	2 3001
Steel carrying case	1.33	2 4002

TUBE BENDER MAXI Bending Segments

e a e ee e

odel	Size	max. mm	g	No.
Bending Segments	12 mm	1.0	0	2 3002
Bending Segments	14 mm	1.0	0	2 3003
Bending Segments	15 mm	1.0	90	2 3004
Bending Segments	16 mm	1.0	100	2 3005
Bending Segments	1 mm	1.0	140	2 3006
Bending Segments	20 mm	1.0	150	2 3052
Bending Segments	22 mm	1.0	1	2 3007
Bending Segments	3/8"	1.0	0	2 3010
Bending Segments	1/2"	1.0	0	2 3011
Bending Segments	5/8"	1.0	100	2 3012
Bending Segments	3/4"	1.0	120	2 3013
Bending Segments	1"	1.0	10	2 3014

Please consult guide for accurate bending according to the chart on 44.



TUBE BENDER MAXI CT

10 - 18 a a a e e e g 90
06 - 08 e

Universally applicable bending unit, also suitable for coated, thin-walled, soft copper pipe

Product Profile

- 1 Bending of copper, SR multi-layer or coated pipes
- 2 Ideal for one handed operation and in restricted areas
- 3 Bending formers easily changeable through the bayonet coupling
- 4 Quick release and reset of the bending formers
- 5 Tough and long-lasting
- 6 Production of U-bends, counter bends, swan-neck bends and connecting bends possible at all levels
- 7 Optimum bending results with the plastic bending formers and supporters with low friction

Suitable for pipe made of:

e e a g	10 x 0.6 mm
1057 a a	12 x 0.6 mm
- a e a e	15 x 0. mm
	1 x 0. mm
a e	14 - 32 mm



Fig. TUBE BENDER MAXI CT-Set

3- a set (No. 2.3054) includes: Basic tool (No. 2.3076), bending support (No. 2.3080), bending formers in steel carrying case (No. 2.5197)

Bending former



Various bends possible



odel	kg	No.
TUBE BENDER MAXI CT-Set	3.46	2 3054

Please consult guide for accurate bending according to the chart starting on 44.

TUBE BENDER MAXI CT Bending Formers

odel	Outer-pipe-Part coating	g	No.
Bending Former CT 10 x 0.6 mm	14 mm	0	2 3003
Bending Former CT 12 x 0.6 mm	16 mm	100	2 3005

odel	Outer-pipe-Part coating	g	No.
Bending Former CT 15 x 0. mm	19 mm	140	2 3059
Bending Former CT 1 x 0. mm	22 mm	1 0	2 3007

1 Standard Benders



Standard Two Handed Bender 90

a a e e g 90 e a e
 a e - a e a g 1057
 12 10 - 28 10

universal bender for sanitary and heating installations refrigeration and air-conditioning systems

- Long handles allow for better leverage in the bending of semi-hard copper pipes
- Bending pliers with sliding carriage for millimetre-exact bending
- Accurate adjustments between the bending radius and handle length reduces effort required

Size	mm	R Radius mm	L mm	kg	No.
12 mm	1.0	43	460	1.4	46 2212
15 mm	1.0	60	600	2.3	46 2215
1 mm	1.0	4	60	3.2	46 2218
22 mm	1.0		900	4.3	46 2222

Size	mm	R Radius mm	L mm	kg	No.
26 mm	1.0	10	960	6.3	46 2226
2 mm	1.0	10	1100	6.	46 2228

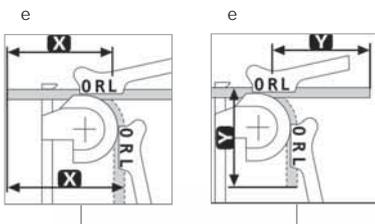


MULTIBEND Two Handed Bender 180

a a e e g 180 e a e
 a a e e a e a e ee
 10 - 18

- Accurate bending with the bending radius display and measurement scale
- Fatigue-free hand operation

Size	R Radius mm	max. mm	kg	No.
10 mm	30	1.0	0.3	2 5401
12 mm	36	1.0	0.64	2 5402
14 mm	42	1.0	0.9	2 5403
15 mm	4	1.0	1.45	2 5404
16 mm	4	1.0	1.46	2 5405
1 mm	54	1.0	2.00	2 5406



MINIBEND

a a e a e e g 180 e
 a e 6 - 10 e a a a e
 ee 1/4 - 3/8

- Suitable for use in refrigeration and air-conditioning, oil supply, automotive, hydraulic and pneumatic industries

e - ee a e e g - e
 O: Reference to bending scale (0-0) and/or start/end of the bending radius
 L: Used to determine/indicate the final dimension desired from the left (pipe beginning) up to top edge of the pipe (Mass X)
 e ee a e e g - g
 O: Reference to bending scale (0-0) and/or start/end of the bending radius
 R: Used to determine/indicate the final dimension desired from the right (pipe beginning) up to top edge of the pipe (Mass Y)



supporters with low friction on measurement scale

odel	Size	kg	No.
INIBEND	6 - - 10 mm	420	2 5150
INIBEND	1/4 - 5/16 - 3/8 "	420	2 5151

Standard Two Handed Bender 180

a a e e g 180 e a e
e a a e ee 6 - 18
1/4 - 5/8

- Bending radius display of 0 - 1 0 for accurate bending
- Clamp mechanism for better pipe hold allows the bending of shorter pipe pieces
- Light construction allows for fatigue-free hand operation

Size	R Radius mm	mm	g	No.
1 mm	66	4 0	2110	2 5137
1/4"	1	305	560	2 5140
5/16"	24	305	640	2 5131
3/ "	30	390	9 0	2 5141
1/2"	42	390	16 0	2 5142
5/ "	5	450	1 30	2 5136



Size	R Radius mm	mm	g	No.
6 mm	1	305	550	2 5130
mm	24	305	640	2 5131
10 mm	30	390	9 0	2 5132
12 mm	36	390	9 0	2 5133
14 mm	4	450	15 0	2 5134
15 mm	54	450	1 30	2 5135
16 mm	5	450	1 30	2 5136

EUROBEND ULTRA Two Handed Bender

a a e e g 90 12 - 16

- Accurate free-hand bending
- Bender made of sturdy, fibre glass reinforced plastic
- For copper pipes soft and semi-hard
- Also for thin-walled pipes and multi-layered composite pipes

odel	g	No.
E ROBEND LTRA 12 mm	0.9	2 5301
E ROBEND LTRA 14 mm also for SR pipe	2.0	2 5302
E ROBEND LTRA 15 mm	1.0	2 5303
E ROBEND LTRA 16 mm also for SR pipe	2.0	2 5304



Copper Tube Bending Spring

ee- a e e g e e
6 - 16 1/4 - 5/8

- Coiled cone for ideal handling even with longer pipes
- Tough and long lasting with the cadmium-plated spring steel
- Optimal spring form prevents buckling in bending radius area

Size	g	No.
6 mm	60	2 5180
10 mm	0	2 5182
12 mm	160	2 5183
14 mm	200	2 5184
15 mm	220	2 5185
16 mm	220	2 5186
1/4"	0	2 5187
5/16"	0	2 5181
3/ "	90	2 5188
/16"	120	2 5189
1/2"	130	2 5190
5/ "	220	2 5186



Description	No.
Internal / external deburrer	121
Bending Spray, 150 ml	2 5120

1 Standard Benders



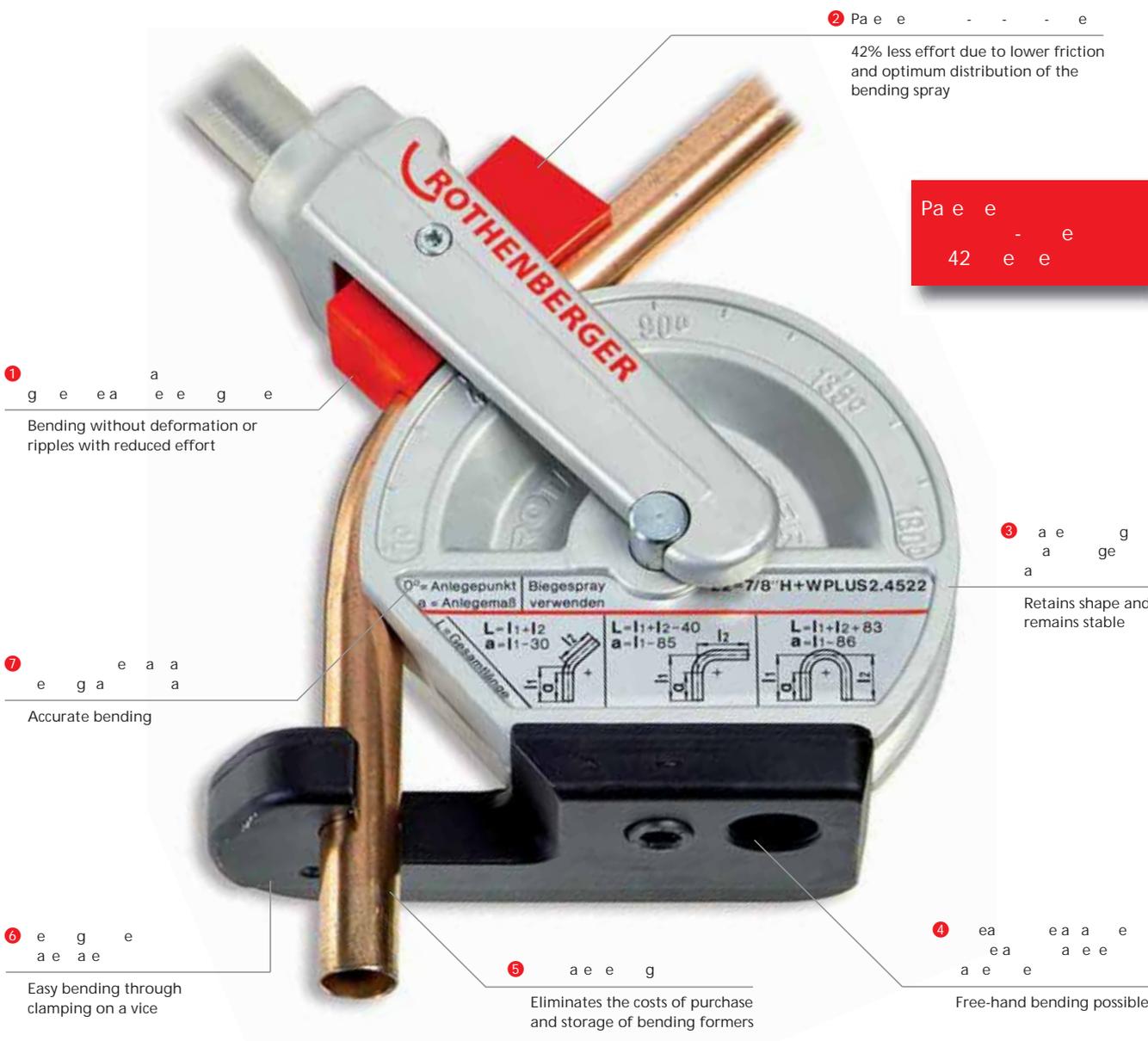
ROBEND H W PLUS



a a e e g 180 8 - 22
5/16 - 7/8

Product Profile	
●	Exact bending to the mm on continuous pipe
①	Bending without deformation or ripples with reduced effort
②	42% less effort due to lower friction
③	Retains shape and remains stable
④	Free-hand bending possible with the additional handle up to 1 mm / 5/16"
⑤	Eliminates the costs of purchase and storage of bending formers
⑥	Easy bending through clamping on a vice
⑦	Exact bending with the minimum size chart and bending radius display

For accurate bending up to 10° on pipes made of:	
e e - a a	- 22 mm, 5/16 - 7/8"
- a e e a e a	10 - 1 mm, 3/8 - 5/8"
- a e a a	- 22 mm, 5/16 - 7/8"
P e e e e	10 - 22 mm, 3/8 - 5/8"
a a e e e e	- 22 mm, 5/16 - 7/8"



Please consult guide for accurate bending according to the chart on page 44.

ROBEND® H W PLUS Bender

Universal hand bender complete with bending former, fork with ROLUB guide shoe and handle. Universal application in sanitary and heating installations, refrigeration and air-conditioning systems and industrial systems

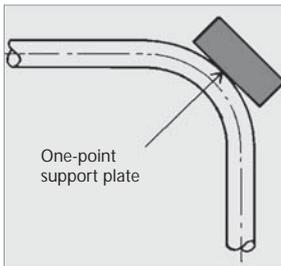


Fig. ROBEND® H+W Bender

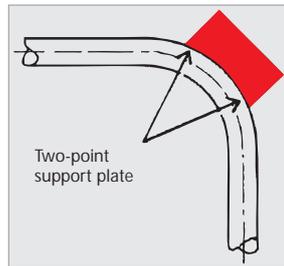
ROBEND® H W PLUS Bender

Size	max mm	R Radius mm	g	No.
mm	1.0	22	660	2 4508
10 mm	1.0	32	11 0	2 4510
12 mm	1.0	3	1110	2 4512
14 mm	1.0	45	13 0	2 4514
15 mm	1.0	45	13 0	2 4515
16 mm	1.0	64	2620	2 4516
1 mm	1.0	64	2620	2 4518
20 mm	1.0	1	3 20	2 4520
22 mm	1.0	1	3 00	2 4522
5/16"	1.0	22	660	2 4508
3/ 8"	1.0	32	11 5	2 4551
1/2"	1.0	3	1110	2 4552
5/ 8"	1.0	64	2620	2 4516
3/4"	1.0	1	3 50	2 4519
1"	1.0	1	3 00	2 4522
e e a a e e ee- a e g				
Lever for bending formers up to 15 mm				2 5076
Lever for bending formers bigger than 15 mm				2 5078
Bending spray 150 ml				2 5120

Conventional bender



ROBEND® with ROLUB System



Accurate bending



ROBEND® H W PLUS Bending Sets

Sets include: Steel carrying case for a maximum of 4 bending formers, 2 levers for vice bending and bending spray No. 2.5120. Bender corresponds to the respective pipe dimensions.



Fig. ROBEND® H+W PLUS Set

ROBEND® H W PLUS Bending Sets

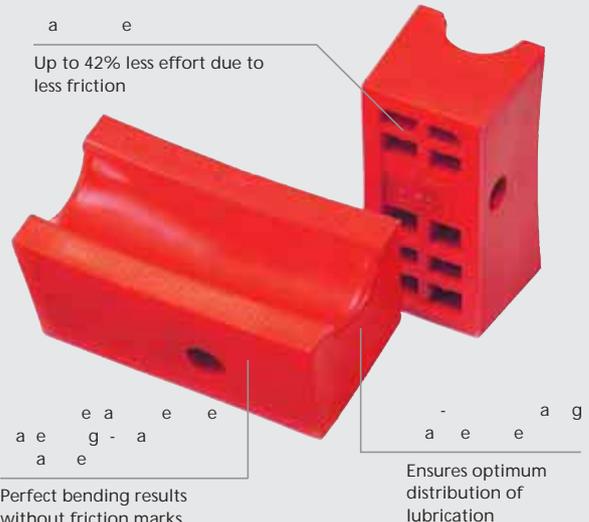
Model	Description	mm	kg	No.
ROBEND H W PL S 12 - 15 - 1 - 22 mm		1.0	16.5	2 4508
ROBEND H W PL S 10 - 12 - 14 - 16 mm		1.0	16.3	2 4501
ROBEND H W PL S 12 - 14 - 16 - 1 mm		1.0	13.6	2 4502
ROBEND H W PL S 15 - 1 - 22 mm		1.0	14.9	2 4505
ROBEND H W PL S 1/2 - 5/ 8 - 3/4"		1.0	13.6	2 4503
ROBEND H W PL S 1/2 - 5/ 8 - 1"		1.0	13.	2 4504

ROLUB Anti-Bloc Special Guide Shoe

Size	g	No.	Size	g	No.
mm	20	2 5308	22 mm	90	2 5322
10 mm	20	2 5310	5/16"	20	2 5308
12 mm	30	2 5312	3/ 8"	25	2 5310
14 mm	30	2 5314	1/2"	30	2 5313
15 mm	30	2 5315	5/ 8"	50	2 5316
16 mm	50	2 5316	3/4"	90	2 5319
1 mm	50	2 5318	1"	90	2 5322
20 mm	90	2 5320			

ROLUB Anti-Bloc Special Guide Shoe

Especially adapted to the ROBEND H W bender the ROLUB guide shoe with two-point lubricating chamber system



Power Benders



ROBEND® 3000

Power Benders
180 12 - 28 1/2 - 7/8



Product Profile

Universal application

Universal application in sanitary and heating installations, in pipe-line construction, refrigeration and air-conditioning systems as well as industrial systems and batch production. Fewer joints means less potential for leaks. Safety implies less likelihood of injury

- Quick return on investment through the savings from joints, soldering material and energy
- Universal application: 90°-bends, counter-bends, swan-neck bends and connecting bends possible at all levels
- Retains shape and remains stable: bending formers made of high-quality forged aluminium
- Top-quality, precise and simple to use
- Bending without deformation or ripples due to less friction

Suitable for pipes made of:

Aluminium	1057	12 - 2 mm
Steel		12 - 2 mm
Stainless steel	2391 / 2393 / 2394	12 - 2 mm
Copper	2440 / 2441	3/8" - 3/4"
Brass	541	12 - 2 mm
		wall thickness 1.0 - 1.2 mm
		16 - 32 mm
Power		1010 Watt

Fast and precise bending

Fast and precise bending



Easy to use

Easy to use

Bending without deformation

or ripples due to less friction

Ideal for continuous operation

Ideal for continuous operation

Simplified work preparation,

eliminates costs of purchase and storage of fittings

Fast batch production possible

Fast batch production possible

Bending of pipes made of various materials possible



Seven-fold drive



Comfortable carry handle



Controlled bending process



Power Benders



ROBEND® 3000 Bending Formers

e g e 9 - 28 1/2 - 1 1/8



Fig. ROBEND® 3000 Bending Former with ROLUB Guide Shoe

Size	wall thickness mm	Bending radius mm	kg	No.
9	1.2	55	0.	2 5661
11	1.2	0	1.3	2 5662
16	1.5		1.4	2 5664
20	1.2	0	1.4	2 5620
21	1.5	112	2.	2 5665

Size	wall thickness mm	Bending radius mm	kg	No.
12 mm	1.0	42	0.4	2 5612
14 mm	1.0	49	0.4	2 5614
15 mm	1.0	52	0.53	2 5615
16 mm	1.0	56	0.60	2 5616
1 mm	1.0	2	1.1	2 5618
20 mm	1.0	0	1.42	2 5620
22 mm	1.2		1.42	2 5622
2 mm	2.0	112	2.90	2 5628
1/2"	1.2	45	0.53	2 5652
5/ 8"	1.2	56	0.60	2 5616
3/4"	1.2	0	1.42	2 5619
1"	1.2		1.42	2 5622
1 1/8"	1.5	112	2.90	2 5625
1 1/2"	1.6	112	2.90	2 5626
1/2"	3.25	112	1.42	2 5684
3/4"	3.25	112	2.90	2 5685

ROBEND 3000



Fig. ROBEND® 3000 Set 12 - 15 - 18 - 22 - 28 mm (No. 2.5703X) (without tripod (No. 2.5748), available as accessory)

odel	Description	kg	No.
ROBEND 3000 Basic	nit 230 - 50/60 Hz	13.0	2 5740
ROBEND 3000 Basic	nit 110/115 - 60 Hz	13.0	2 5741

ROBEND® 3000 parts and accessories



Fig. ROLUB Guide Shoes



Tripod Stand (No. 2.5748)

Description	kg	No.
Guide shoe axel	0.36	2 5743
Tripod Stand, dismantable	3.45	2 5748
Workbench clamp, screwable	0.55	2 5749
Bending Spray 150 ml	0.15	2 5120
ROBEND -Carrying case, for 5 formers up to 30 mm	3.30	2 5745



ROBEND 3000 BS



g a e e e e e e a g
e g e e e e ee 10 - 16

5 e g e e
ee 16

Large application area

6 P e e g e e g
a g e

Precise bending

4 e g e a
e a e
g - a ee

Tough and long-lasting

3 a a e e g
e a e e g e
e 3000 g a

Bending of pipes and reinforced steel with one unit

Easy pre-setting of the bending angle without use of a tool



5- e e set (No. 2.5770) includes: Basic 230 V Unit (No. 2.5740X), bending formers, plastic carrying case (No. 2.5745)

odel	Size	kg	No.
ROBEND 3000 BS Bending Set	10 - 12 - 16 mm	15.6	2 5770

Product Profile

- 1 Fast batch production possible
- 1 Automatic shut-off
- 2 Proven and tested for continuous operation
- 3 Bending of pipes and reinforced steel with one unit
- 4 Tough and long lasting
- 5 Larger application area up to 16 mm reinforced steel
- 6 Precise bending with the angle pre-set

1 a g e - e e e
e g a g e a e

Fast batch production possible

2 g e a e 1010

Proven and tested for continuous operation



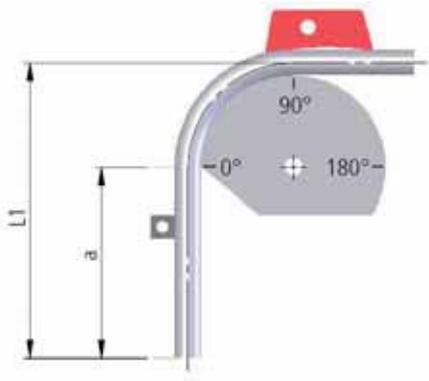
Fig. ROBEND® 3000 BS SET



Description	No.	Description	No.
ROBEND 3000 BS bending former 10 mm	2 5630	ROBEND 3000 BS bending former 16 mm	2 5632
ROBEND 3000 BS bending former 12 mm	2 5631	Bending spray, 150 ml	2 5120
ROBEND 3000 BS bending former 14 mm	2 5633	Bolt cutter	132



Draw-bending



- L1, L2 Leg length
- a Lay out length
- L Total length of the pipe piece
- L_w Distance / pipe end - wall
- A_w Distance wall - pipe middle
- L Minimum Length
- L_R Reserve Length

45 -

90 -

180 -



$$L = L_1 + L_2$$

$$a = L_1 - L_R$$



$$L = L_1 + L_2 - L_M$$

$$a = L_1 - L_R$$



$$L = L_1 + L_2 + L_M$$

$$a = L_1 - L_R$$

Calculation examples ROBEND® 3000

e a

Installation in corner areas

L_w 1200 mm

A_w 30 mm

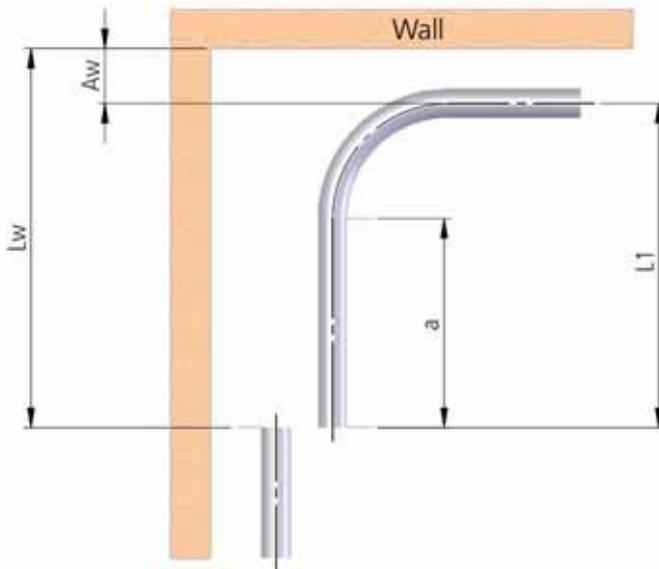
Pipe- 12 mm, 90 -Arc

g a e

Leg length L₁

Applied size a

Summary from the ROBEND 3000 bending table



3000			a 45		a 90		a 180	
for Pipe mm / Inch	Pipe type	Bending radius R mm	Reserve length L _R mm	Minimum length L mm	Reserve length L _R mm	Minimum length L mm	Reserve length L _R mm	Minimum length L mm
12		42.0	16	-	42	24	42	68

$$e g e g \quad 1 \quad - \quad 1200 - 30 \quad 1 \quad 170$$

$$e e \quad a \quad 1 \quad - \quad 1170 - 42 \quad 1 \quad 128$$

$$a \quad a \quad a \quad e$$



H&W Plus		a 45		a 90		a 180	
Pipe / Ws mm / Inch	Bending radius R mm	Reserve length L _R mm	inimum length L mm	Reserve length L _R mm	inimum length L mm	Reserve length L _R mm	inimum length L mm
8	22	9	-	22	9.5	22	47
10	32	12	-	32	15	32	34
12	38	15	-	40	20	38	39
14	45	17	-	44	22	44	51
15	45	17	-	44	22	44	51
16	64	25	-	67	30	68	65
18	64	25	-	67	30	68	65
20	81	30	-	85	40	86	83
22	81	30	-	85	40	86	83
5/16"	22	-	-	-	-	-	-
3/8"	32	12	-	32	20	32	34
1/2"	38	15	-	40	22	38	39
5/8"	64	25	-	67	30	68	65
3/4"	81	30	-	85	40	86	83
7/8"	81	30	-	85	40	86	83

MINIBEND		a 45		a 90		a 180	
Pipe / Ws mm / Inch	Bending radius R mm	Reserve length L _R mm	inimum length L mm	Reserve length L _R mm	inimum length L mm	Reserve length L _R mm	inimum length L mm
6	25.0	10.4	1.0	22.0	10.0	22.0	26.0
8	24.0	9.9	1.0	32.0	15.0	32.0	34.0
10	23.0	9.5	1.0	32.0	15.0	32.0	34.0
1/4"	25.0	10.4	1.0	22.0	10.0	22.0	26.0
5/16"	24.0	9.9	1.0	32.0	15.0	32.0	34.0
3/8"	23.0	9.5	1.0	32.0	15.0	32.0	34.0

Standard - Bender		a 45		a 90		a 180	
For Pipe mm / Inch	Bending radius R mm	Reserve length L _R mm	inimum length L mm	Reserve length L _R mm	inimum length L mm	Reserve length L _R mm	inimum length L mm
6	18.0	7.0	0.8	18.5	8.0	18.5	20.0
8	24.0	9.5	1.0	24.0	12.0	24.0	27.0
10	30.0	11.5	1.3	30.5	14.5	30.5	34.0
12	36.0	14.0	1.5	36.5	15.0	36.5	37.5
14	47.5	18.5	2.0	48.5	20.5	48.5	52.5
15	54.0	21.0	2.3	56.0	24.5	56.0	58.0
16	58.0	22.5	2.5	64.0	28.5	64.0	67.0
18	66.0	25.5	2.8	68.0	31.0	68.0	72.0
1/4"	18.0	7.0	0.8	18.5	8.0	18.5	20.0
5/16"	24.0	9.5	1.0	24.0	12.0	24.0	27.0
3/8"	30.0	11.5	1.3	30.5	14.5	30.5	34.0
1/2"	42.0	16.5	1.8	49.5	22.5	49.5	53.0
5/8"	58.0	22.5	2.5	64.0	28.5	64.0	67.0

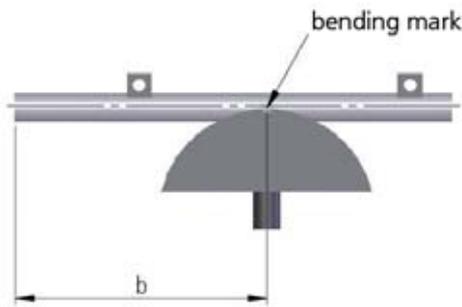
MULTIBEND		a 45		a 90		a 180	
For Pipe mm	Bending radius R mm	Reserve length L _R mm	inimum length L mm	Reserve length L _R mm	inimum length L mm	Reserve length L _R mm	inimum length L mm
8	24.0	9.5	1.0	24.0	10.0	24.0	26.0
10	30.0	12.0	1.3	30.5	14.5	30.5	32.5
12	36.0	14.0	1.5	36.5	15.5	36.5	37.5
14	42.0	16.5	1.8	42.0	19.5	42.5	44.0
15	48.0	19.0	2.0	48.0	22.0	48.0	53.0
16	48.0	19.0	2.0	48.0	22.0	48.0	53.0
18	54.0	21.0	2.3	54.0	26.0	54.5	58.0

ROBEND® 3000			a 45		a 90		a 180	
For Pipe mm / Inch	Pipe	Bending radius R mm	Reserve length L _R mm	inimum length L mm	Reserve length L _R mm	inimum length L mm	Reserve length L _R mm	inimum length L mm
12		42.0	16	-	42	24	42	68
14	coated	52.5	21	-	53	30	53	87
15		52.5	21	-	53	30	53	87
17	coated	72.0	28	-	72	41	72	107
18		72.0	28	-	72	41	72	107
20	coated	88.5	35	-	89	51	89	121
22		88.0	35	-	88	50	88	119
24	coated	112.0	43	-	110	62	110	144
28		112.0	44	-	112	64	112	148
30	coated	112.0	45	-	114	66	114	152
3/8"	Steel	80.0	31	-	80	46	80	103
1/2"	Copper	45.0	18	-	45	26	45	74
1/2"	Steel	88.0	35	-	88	50	88	119
5/8"	Copper	56.0	23	-	56	32	56	93
3/4"	Steel	112.0	43	-	112	64	112	148
3/4"	Copper	80.0	31	-	80	46	80	103
7/8"	Copper	88.0	35	-	88	50	88	119
1"	Copper	112.0	44	-	112	64	112	148
1.1/8"	Copper	112.0	45	-	114	66	114	152

*All sizes indicated are standard sizes which are dependant on the material and wall thickness. Bending dimensions are based on the bending radius - tabular value.



Push-bending



- L1, L2 Leg length
- a Lay out length
- L Total length of the pipe piece
- L_w Distance / pipe end - wall
- A_w Distance wall - pipe middle
- L Minimum Length
- L_R Reserve Length

45°

90°



$$L = L_1 + L_2$$

$$b = L_1 - L_R$$



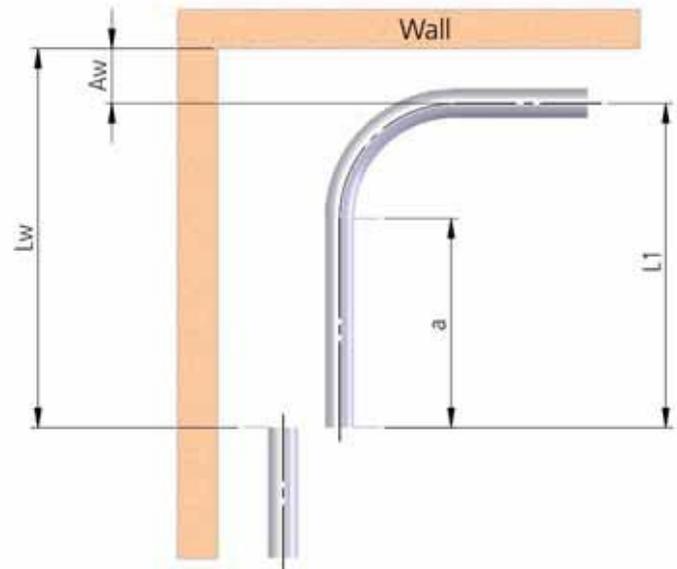
$$L = L_1 + L_2 - L_M$$

$$b = L_1 - L_R$$

Calculation examples ROBEND® 3000

Installation in corner areas
 L_w 1200 mm
 A_w 30 mm
 Pipe- 12 mm, 90°-Arch

Leg length L₁
 Applied size a



Summary from the TUBE BENDER A I bending table

TUBE BENDER		a 45		a 90		a 180	
for Pipe mm / Inch	Bending radius R mm	Reserve length L _R mm	Minimum length L mm	Reserve length L _R mm	Minimum length L mm	Reserve length L _R mm	Minimum length L mm
4.75/5	20.0	4.5	1.0	4.5	10.0	-	-

$$L = L_1 + L_2 - L_M$$

$$b = L_1 - L_R$$



TUBE BENDER		a 45		a 90		a 180	
for Pipe mm / oll	Bending radius R mm	Reserve length L _R mm	inimum length L mm	Reserve length L _R mm	inimum length L mm	Reserve length L _R mm	inimum length L mm
4.75/5	20.0	4.5	1.0	4.5	10.0	-	-
6	23.5	5.0	1.2	5.0	11.5	-	-
8	28.0	7.0	1.4	7.0	14.0	-	-
9	30.0	7.0	1.5	7.0	15.0	-	-
10	34.0	7.5	1.8	7.5	17.5	-	-
12	37.5	8.5	1.9	8.5	19.0	-	-
3/16"	20.0	4.5	1.0	4.5	10.0	-	-
1/4"	23.5	5.0	1.2	5.0	11.5	-	-
5/16"	28.0	7.0	1.4	7.0	14.0	-	-
3/8"	34.0	7.5	1.8	7.5	17.5	-	-
1/2"	37.5	8.5	1.9	8.5	19.0	-	-

TUBE BENDER MAXI		a 45		a 90		a 180	
for Pipe mm / oll	Bending radius R mm	Reserve length L _R mm	inimum length L mm	Reserve length L _R mm	inimum length L mm	Reserve length L _R mm	inimum length L mm
12	35.0	0.8	10.0	7.5	35.0	-	-
14	42.5	0.9	12.5	9.0	42.5	-	-
15	48.5	1.1	14.0	10.5	48.5	-	-
16	49.0	1.1	14.5	10.5	49.0	-	-
18	74.0	1.7	22.0	16.0	74.0	-	-
22	87.0	1.9	25.5	18.5	87.0	-	-
3/8"	35.0	0.8	10.0	7.5	35.0	-	-
1/2"	35.0	0.8	10.0	7.5	35.0	-	-
5/8"	49.0	1.1	14.5	10.5	49.0	-	-
3/4"	74.0	1.7	22.0	16.0	74.0	-	-
7/8"	87.0	1.9	25.5	18.5	87.0	-	-

TUBE BENDER MAXI composite pipes		a 45		a 90		a 180	
Pipe / Ws mm	Bending radius R mm	Reserve length L _R mm	inimum length L mm	Reserve length L _R mm	inimum length L mm	Reserve length L _R mm	inimum length L mm
14 x 2.0	42.5	0.9	12.5	9.0	42.5	-	-
16 x 2.0	49.0	1.1	14.5	10.5	49.0	-	-
18 x 2.0	49.0	1.7	22.0	16.0	49.0	-	-
25 x 2.5	74.0	2.0	26.0	19.0	74.0	-	-
32 x 3.0	128.0	2.8	26.0	27.5	74.0	-	-

TUBE BENDER MAXI CT		a 45		a 90		a 180	
Pipe / Ws mm	Bending radius R mm	Reserve length L _R mm	inimum length L mm	Reserve length L _R mm	inimum length L mm	Reserve length L _R mm	inimum length L mm
10 x 0.6	42.5	0.8	12.5	9.0	42.5	-	-
12 x 0.6	49.0	1.1	14.5	10.5	49.0	-	-
15 x 0.7	74.0	1.7	22.0	16.0	74.0	-	-
18 x 0.7	87.0	1.9	25.5	18.5	87.0	-	-

*All sizes indicated are standard sizes which are dependant on the material and wall thickness. Bending dimensions are based on the bending radius - tabular value.



Press Fitting and Multilayer Piping Tools

2



Press Fitting	50	51
Press Fitting	52	59
Press Fitting		60
Press Fitting		61
Press Fitting	62	69
Press Fitting		
Press Fitting	70	73

System Overview

ROMAX® Press Machines

For pipe connections, ROTHENBERGER has developed a high-quality system in the area of press technology: Electro-Hydraulic Press machines for the system dependent pressing of fittings up to 10 mm, RO A Compact up to 40 mm plastic, 35 mm metal with press ring.

Convincing technology and safety thanks to the platform strategy with high component consistency. The results of these key concepts are system benefits that profit the user.

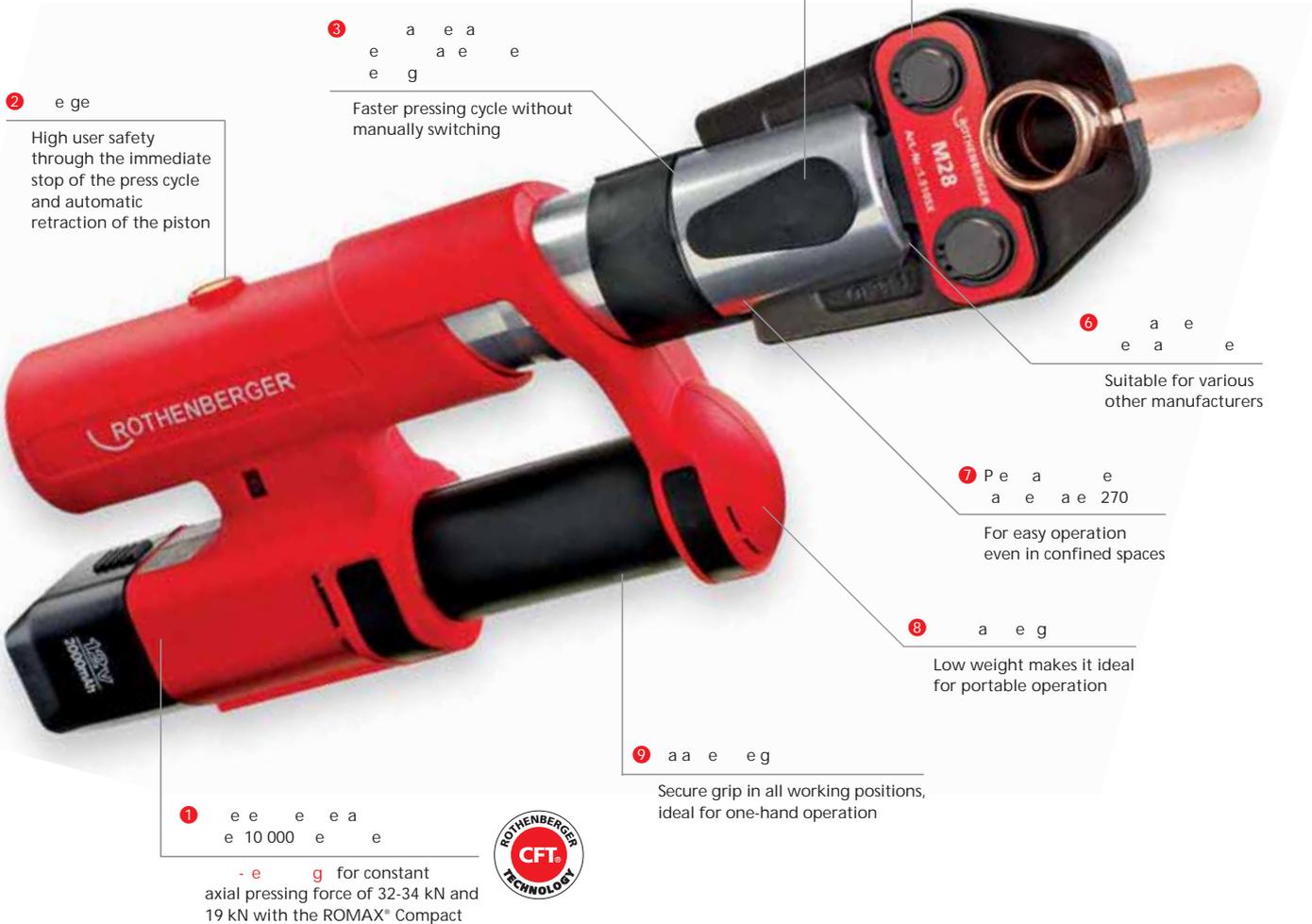
ROTHENBERGER PRESS MACHINES

- Investment costs
- Storage capacity needed
- Cost of working capital
- Expense for transporting different tools

- Press machines with electronic machine control
- RO A PRESSLINER
- RO A Compact
- RO A PRESSLINER ECO

All ROTHENBERGER Press machines are equipped with a high-quality hydraulic gear.

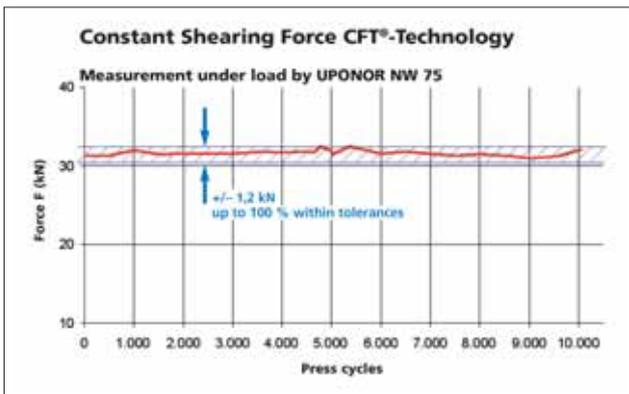
The special ROTHENBERGER CFT-Technology guarantees a constant, axial pressing force of 32-34 and 19 kN respectively, over an operating period of 10,000 press cycles





ROMAX® PRESSLINER ROMAX® PRESSLINER ECO, ROMAX® AC ECO

- For joints that conform to the specifications of leading system manufacturers
 - Constant axial pressing force over 10,000 press cycles
 - Confirmed through testing at the German Material Testing Institution North Rhine / Westphalia, PA NRW
- 



ROMAX® Compact

- Constant axial pressing force over 10,000 press cycles
- 

ergonomics

The user is not forced to purchase different press jaws and/or press machines for each system manufacturer.

No law, no DIN-standard nor the D-GW process sheet requires system dependence.

ROMAX® Compact



ROMAX® Pressliner



Emergency Stop Switch

- Immediate stop of the press cycle with the easily accessible emergency stop switch

Controlled Press Cycle

- The piston retracts automatically after a successful pressing

Safety Locking Mechanism

- A 10° rotation is required to operate the locking mechanism

Press Jaws / Press Jaw Fixtures

- 32 - 34 mm compatible with various other manufacturers
- Suitable for many press jaw manufacturers
- 270° for easy operation even in confined spaces

Ergonomic

- Through the compact design and light weight
- Well balanced weight distribution centre of balance in handle
- Secure grip in all working positions

No craftsman is obliged to use the press tools or press jaws from one fittings / pipe system manufacturer.

ROMAX® Pressliner ECO



ROMAX® AC ECO



Electro-Hydraulic Press Machines

ROMAX® Compact

2



19 35 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 770 780 790 800 810 820 830 840 850 860 870 880 890 900 910 920 930 940 950 960 970 980 990 1000

Pe e e e e a a e / e e age 50 - 51

Product Profile

PP

The ROMAX Compact is extremely light, easy to hold and with its compact design it is perfect for field use, especially in confined spaces

Features

- Automatic press cycle after pressing the start and reaching a defined press force.
- Faster press cycle without manually switching with the automatic retraction of the piston after a successful pressing
- Signals successful press cycle after automatically shutting-off of the motor
- ① e-Switch system for fatigue-free operation
- ② LED display for battery charge status and inspection intervals after 10,000 press cycles
- ③ Security start inhibitor when battery charge status is low

Advantages

- ④ Jaw can be opened with just one finger
- ⑤ Perfect for working over head extremely light and compact
- ⑥ Large operating range with the long 5 m cable

Technical Data

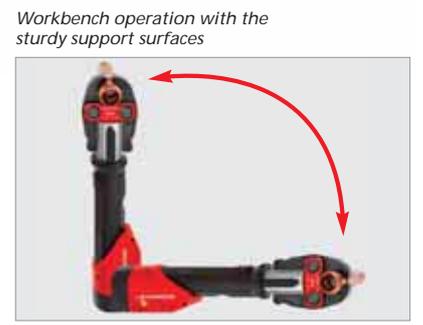
Pressing force	30 x 30 x 90 mm
Pressing range	up to 40 mm plastic, up to 35 mm metal with press ring
Pressing speed	20 rotation
Pressing force	Compatible with various other manufacturers with a constant axial press force of 19 kN and compatible press jaw fixture on the press tool
Pressing weight	Available on request approx. 2.56 kg without press jaw
Pressing time	12 / 1.9 Ah Ni h



Weight 256 g



● Constant axial pressing force over 10,000 press cycles





ROMAX® Compact Set Basic I

Set Basic I No. 1.5020 includes: RO A Compact press machine, 2x 12 / 1.9 Ah battery No. 1.5019 , rapid charger No. 1.5017 , plastic carrying case No. 1.5016 , without press jaws

a e e 2 a e e e e
-P 12 230



Fig. Power supply (No. 1.5037) for 230 V and 5 m cable length



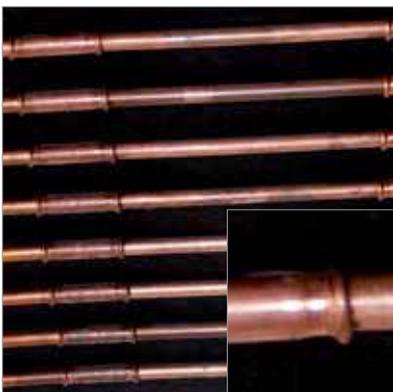
Fig. ROMAX® Compact Set with press jaws

Model	Description	Press Jaw mm	kg	No.
RO A Compact Set Basic I	in case	without press jaw	1 5.0	1 5020
RO A Compact Set Basic I	in case, with power supply 110 and battery charger	without press jaw	1 5.2	1 5036
RO A Compact Set Basic II	in case, with power supply 230 and battery charger	without press jaw	1 5.2	1 5020
RO A Compact Set	with press jaw apress, u.a.	15 - 22 - 2	1 .5	1 5023
RO A Compact Set S	with press jaw S iega, u.a.	15 - 22 - 2	1 .5	1 5022
RO A Compact Set G	with press jaw G Geberit, u.a.	16 - 20 - 26	1 .	1 5025
RO A Compact Set R	with press jaw R Roth, WEFA, u.a.	1 - 20 - 25	1 .	1 5038
RO A Compact Set TH	with press jaw TH Henco, u.a.	16 - 20 - 26	1 .	1 5032
RO A Compact Set	with press jaw NICOR, u.a.	16 - 20 - 25	1 .	1 5024
RO A Compact Set P	with press jaw P iega, u.a.	16 - 20 - 25	1 .	1 5027

Description	No.
Power supply applicable instead of battery 230	1 5037
Replacement battery 12 / 1.9 Ah, Ni H	1 5019
Plastic carrying case, empty	1 5016



Batch pressing with RO A Compact



Work above head



Work in confined spaces



Electro-Hydraulic Press Machines

ROMAX® PRESSLINER



32 - 34 kN
108 mm

Weight: 4.5 kg / Length: 510 mm

Product Profile

PP

The ROMAX Pressliner is light, easy to handle and suitable for field operation

- Automatic press cycle after pressing the start button and reaching a defined press force.
- Faster press cycle without manually switching with automatic retraction of the piston after successful pressing
- Signals successful press cycle after automatically shutting-off of the motor
- 1 - Switch system for fatigue-free operation
- 2 LED display for battery charge status and inspection intervals after 10.000 press cycles
- 3 Security start inhibitor when battery charge status is low

- 4 Larger operating radius with the 5 m long cable

Press force: up to 34 kN
 Universal, for ROTHENBERGER quality press jaws system dependant and for suitable press jaws from other manufacturers, can be rotated 20°
 Compatible with various other manufacturers with a constant axial press force of 32 - 34 kN and compatible press jaw fixture
 Available on request approx. 4.5 kg without Press jaw
 12



3 Electronic battery charge indicator

2 Inspection intervals and error messages

- For joints that conform to the specifications of leading system manufacturers
- Constant axial pressing force over 10,000 press cycles
- Confirmed through testing at the German Material Testing Institution North Rhine / Westphalia, PA NRW



ROMAX® PRESSLINER Set Basic I

Basic Sets No. 1.5420 include: RO A PRESSLINER Basic, 12 / 2,0 Ah battery No. 1.5410 , rapid charger No. 1.5415 , plastic carrying case No. F 1664 without press jaws



Fig. Power supply (No. 1.5047) for 230 V and 5 m cable length



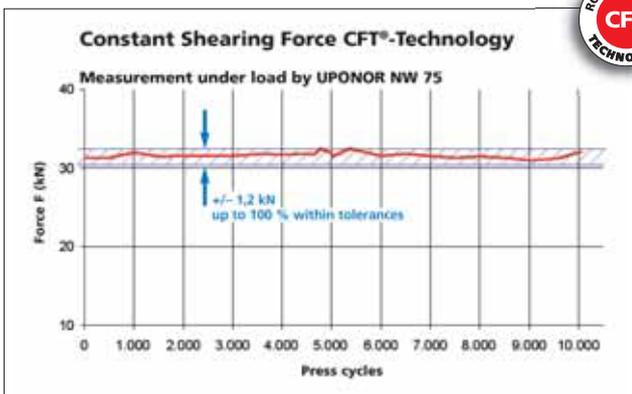
Fig. ROMAX® PRESSLINER Set with press jaws

odel	Description	Press jaw mm			No.
RO A PRESSLINER Set Basic I	in case, with battery	without press jaw	1	9.	1 5420
RO A PRESSLINER Set Basic II	in case, 230	without press jaw	1	10.0	1 5420
RO A PRESSLINER Set	with press jaws Type a pres, etc. , with battery	15 - 22 - 2	1	14.5	1 5450
RO A PRESSLINER Set S	with press jaws Type S iega, etc. , with battery	15 - 22 - 2	1	14.5	1 5440
RO A PRESSLINER Set G	with press jaws Type G Geberit, etc. , with battery	16 - 20 - 26	1	14.5	1 5465
RO A PRESSLINER Set R	with press jaws Type R Roth, WEFA, etc. , with battery	16 - 20 - 26	1	14.5	1 5475
RO A PRESSLINER Set TH	with press jaws Type TH Henco, etc. , with battery	16 - 20 - 26	1	14.5	1 5430
RO A PRESSLINER Set	with press jaws Type NICOR, etc. , with battery	16 - 20 - 25	1	14.5	1 5460
RO A PRESSLINER Set P	with press jaws Type P iega, etc. , with battery	16 - 20 - 25	1	.9	1 5480

Description	No.
Rapid battery charger 2.0 / 3.0 Ah 12 , 230	1 5415
Replacement battery 12 / 2.0 Ah, NiCd Standard	1 5410
Replacement battery 12 / 3.0 Ah, Ni H	1 5411
Plastic carrying case, empty	81664
Power supply applicable instead of battery 230	1 5047



Pe a a g 60



Pressing for various materials, e.g. stainless steel



Electro-Hydraulic Press Machines

ROMAX® PRESSLINER ECO

2



32 - 34 kN
108 mm

Age 50 - 51

Product Profile

PP

The ROMAX Pressliner ECO is light, easy to handle and perfectly suited for field operation

- The controlled press cycle begins after pushing the hold-to-run control
- Faster press cycle without manually switching with automatic retraction of the piston after successful pressing
- ① -switch system for fatigue-free operation
- ② Battery charge status on LED display
- ③ Larger operating radius with the 5 m cable length

Pressing force	up to 34 kN
Pressing diameter	up to 108 mm
Pressing length	up to 10 mm
Pressing speed	universal, for ROTHENBERGER quality press jaws system dependant and for suitable press jaws from other manufacturers, can be rotated 20°
Pressing force	Compatible with various other manufacturers with a constant axial pressing force of 32 - 34 kN and compatible press jaw fixture
Pressing length	Available on request approx. 4.5 kg without Press jaw 12



ROMAX PRESSLINER ECO

Optimum for heavy-duty field operation



Suitable for various metal and plastic press systems

① -switch system for fatigue-free operation. The controlled press cycle begins after pushing the hold-to-run control

② Battery charge status indicator

- For joints that conform to the specifications of leading system manufacturers
- Constant axial pressing force over 10,000 press cycles



ROMAX® PRESSLINER ECO Basic Set I

Basic Sets No. 1.5605 include: RO A PRESSLINER ECO Basic, 12 / 2,0 Ah battery No. 1.5410 , rapid charger No. 1.5415 , plastic carrying case No. F 1664 without press jaws



Fig. Power supply (No. 1.5047) for 230 V and 5 m cable length (accessories)



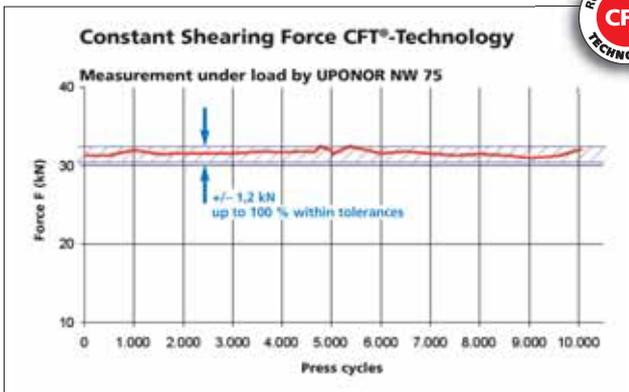
Fig. ROMAX® PRESSLINER ECO Set with press jaws

Model	Description	Press Jaw mm	kg	No.
RO A PRESSLINER ECO Set Basic I	in case, with battery	without press jaws	1 9.4	1 5605
RO A PRESSLINER ECO Set Basic I	in case, 110 , with battery charger	without press jaws	1 9.4	1 5607
RO A PRESSLINER ECO Set Basic II	in case, 230	without press jaws	1 9.6	1 5605
RO A PRESSLINER ECO Set	with press jaws Type a press, etc. , with battery	15 - 22 - 2	1 14.1	1 5690
RO A PRESSLINER ECO Set S	with press jaws Type S iega, etc. , with battery	15 - 22 - 2	1 14.1	1 5695
RO A PRESSLINER ECO Set G	with press jaws Type G Geberit, etc. , with battery	16 - 20 - 26	1 14.1	1 5696
RO A PRESSLINER ECO Set R	with press jaws Type R Roth, WEFA, etc. , with battery	1 - 20 - 25	1 14.1	1 5639
RO A PRESSLINER ECO Set TH	with press jaws Type TH Henco, etc. , with battery	16 - 20 - 26	1 14.1	1 5692
RO A PRESSLINER ECO Set	with press jaws Type NICOR, etc. , with battery	16 - 20 - 25	1 14.1	1 5697
RO A PRESSLINER ECO Set P	with press jaws Type P iega etc. , with battery	16 - 20 - 25	1 .9	1 5638

Description	No.
Rapid battery charger 2,0 / 3,0 Ah 12 , 230	1 5415
Replacement battery 12 / 2.0 Ah, NiCd Standard	1 5410
Replacement battery 12 / 3.0 Ah, Ni H	1 5411
Plastic carrying case, empty	81664
Power supply applicable instead of battery 230	1 5047



Pe a a g 60



Pressings for heating and air-conditioning systems



ROMAX® AC ECO Basic Set I

Basic Sets No. 1.5 05 include: RO A AC ECO Basic 230 volt , plastic carrying case No. F 1664 without press jaws



Suitable for all press machines with a constant, axial thrust of 32 - 34 kN and compatible press jaw fixture

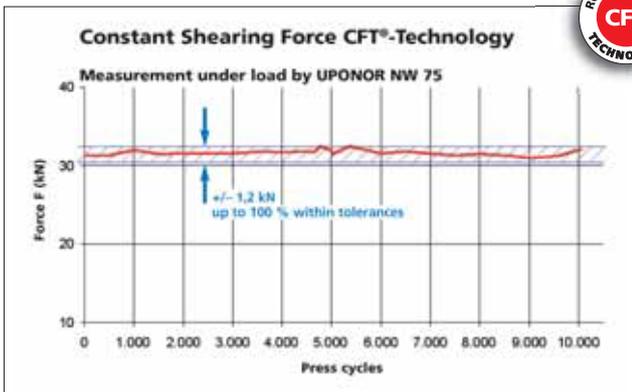
Optimum for heavy-duty field operation



Fig. ROMAX® PRESSLINER AC ECO Set with press jaws

Model	Description	Press Jaw mm	Weight (kg)	No.
RO A AC ECO Set Basic I	in case	without press jaws	1 .9	1 5705
RO A AC ECO Set Basic I	in case, 110 , with battery charger	without press jaws	1 .9	1 5706
RO A AC ECO Set	with press jaws Type apress, etc.	15 - 22 - 2	1 13.4	1 5750
RO A AC ECO Set S	with press jaws Type S iega, etc.	15 - 22 - 2	1 13.4	1 5740
RO A AC ECO Set G	with press jaws Type G Geberit, etc.	16 - 20 - 26	1 13.4	1 5765
RO A AC ECO Set R	with press jaws Type R Roth, WEFA, etc.	1 - 20 - 25	1 13.4	1 5774
RO A AC ECO Set TH	with press jaws Type TH Henco, etc.	16 - 20 - 26	1 13.4	1 5730
RO A AC ECO Set	with press jaws Type NICOR, etc.	16 - 20 - 25	1 13.4	1 5760
RO A AC ECO Set P	with press jaws Type P iega, etc.	16 - 20 - 25	1 14.0	1 5738

Description	No.
Plastic carrying case, empty	81664
Pe a a g 60	



Installation from copper / stainless-steel joints



Interchangeable Press Jaws

Interchangeable Press Jaws Compact



2



ROTHENBERGER Press Jaws with proven material and manufacturing quality, for the attachment from interchangeable press jaws for standard-approved pressing of plastic fittings 16 - 32 mm.



Interchangeable inserts

3- - e
Allows for the release of the jaw with one finger
a e ga
a e g
Secures the high quality standard of material and press contour



e a e a a e e
e a gea e e
a a e ge
Safety
a e a e
g e e e a ee
Suitable for all press machines with a constant axial thrust of 19 kN and compatible press jaw fixture
e a a e g e
High degree of elastic force and expansion capability
g-e
e
Optimum for heavy-duty field operation

odel	Description	No.	odel	Description	No.
Set R	14 - 1 - 20 - 25 mm	1 4839	Set	16 - 20 - 25 - 32 mm	1 4869
Set RFz	16 - 20 - 25 - 32 mm	1 4849	Set P	16 - 20 - 25 - 32 mm	1 4879
Set TH	16 - 1 - 20 - 26 mm	1 4859	Set CO	12 - 16 - 20 - 25 mm	1 4889

e e e a 1 4800

Press Jaws Compact

ROTHENBERGER Press Jaws with new top-grade material and manufacturing quality, for standard-approved pressing of fittings up to 40 mm plastic / multi-layer and/or up to 2 mm metal.

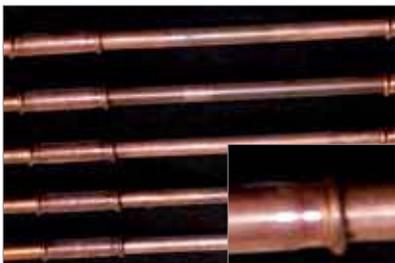


a e ga
a e g
Secures the high quality standard of material and press contour



a e ge
g e e e a ee
Suitable for all press machines with a constant axial thrust of 19 kN and compatible press jaw fixture
e a a e g e
High degree of elastic force and expansion capability
g-e
e
Optimum for heavy-duty field operation

Batch pressing with ROMAX® Compact



Work over head



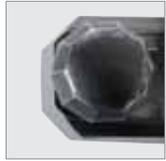
Work in confined spaces



Press Rings



ROTHENBERGER Press Rings with proven material and manufacturing quality. Suitable for confined spaces through the catch adjustment.



Various catch adjustments possible



Suitable for all press machines with a constant, axial thrust of 19 kN and compatible press jaw fixture

Suitable for all press machines with a constant, axial thrust of 19 kN and compatible press jaw fixture

Optimum for heavy-duty field operation



High flexibility and expansion capability

Suitable for all press machines with a constant, axial thrust of 34 kN and compatible press jaw fixture

Catch adjustment ROMAX® Compact Press Jaw



Working in confined spaces



Working in confined spaces



Model	Suitable for	Description	No.
Set Press Rings S	RO A Compact	Press Jaw BC1 / S 15, 1, 22, 2, 35	1 4440
Set Press Rings	RO A Compact	Press Jaw BC1 / 15, 1, 22, 2, 35	1 4441
Set Press Rings S	Pressliner, ECO, AC ECO	Press Jaw B1 / S 15, 1, 22, 2, 35	1 4442
Set Press Rings	Pressliner, ECO, AC ECO	Press Jaw B1 / 15, 1, 22, 2, 35	1 4443

- Press jaws, just like every other tool, are subject to wear when used. In order to guarantee operational reliability of the press jaw, it is highly recommended that they are serviced together with the press tool on a yearly basis.

- The press jaw should be checked for damage on a regular basis. If damage occurs, the press jaw must no longer be used and is to be sent to an authorised ROTHENBERGER service centre for evaluation.

During the press jaw inspection, the jaws will be tested for operational and functional safety and the wearing parts (e.g. springs) will be replaced. You will receive your press jaw, tested for functional and operational safety, including a 1 year guarantee. Have your press jaw inspected by an authorised ROTHENBERGER service centre no later than 1 year after purchase, or after 10.000 pressings

(whichever comes first) and regularly repeat this inspection

- Press jaws wear with continual use. Older press jaws with existent damage (e.g. micro cracks) can burst and cause injury. For safety reasons, all ROTHENBERGER press jaws, that are older than 3 years, must be examined by a ROTHENBERGER service centre. All ROTHENBERGER press jaws will be tested for operational and functional safety and if needed, the wearing parts will be replaced. You will receive your press jaw, tested for functional and operational safety, including a 1 year guarantee.

Press jaws

Press jaws Standard



ROTHENBERGER Press Jaws with proven material and manufacturing quality, for standard-approved pressing of fittings up to 50 mm plastic and/or up to 54 mm metal.



Suitable for all press machines with a constant axial thrust of 32 - 34 kN and compatible press jaw fixture

High degree of elastic force and expansion capability

Secures the high quality standard of material and press contour

Optimum for heavy-duty field operation

Press jaws Standard Sets



54

More than enough room for a complete press jaw system

Variable and cost efficient



Various combinations possible

Press jaw sets include: Press jaw according to chart, plastic case (No. 1.5031)

odel	kg	No.
15 - 1 - 22 - 2 mm	9.3	1 5062
42 - 54 mm	11.	1 5081
S 15 - 1 - 22 mm	.5	1 5059
S 15 - 1 - 22 - 2 mm	9.3	1 5060
S 42 - 54 mm	9.5	1 5080
G 16 - 20 - 26 - 32 mm	11.4	1 5068
R 1 - 20 - 25 - 32 mm	9.3	1 5073

odel	kg	No.
TH 16 - 20 - 26 mm	.9	1 5063
TH 16 - 1 - 20 - 26 mm	9.9	1 5064
TH 16 - 20 - 26 - 32 mm	10.1	1 5065
16 - 1 - 20 - 25 mm	10.4	1 5066
16 - 20 - 25 - 32 mm	10.6	1 5067
P 16 - 20 - 25 - 32 mm	9.4	1 5072
Plastic jaw case, empty		1 5031

P / - a e



System				
	Use only in combination with interchangeable jaws No. 1.4800	Use only in combination with interchangeable jaws No. 1.4800	Use only in combination with interchangeable jaws No. 1.4800	Use only in combination with temporary jaws: Compact No. 1.4431 (15-35 mm), Standard No. 1.4430 (15-35 mm)
R12	1 5369	1 4863	1 5339	
R14	1 5370	1 4864	1 5330	
R16	1 5371	1 4865	1 5331	
R1	1 5378	1 4866	1 5333	
R1	1 5379	1 4867	1 5334	
R20	1 5374	1 4868	1 5335	
R25	1 5380	1 4707	1 5338	
R26	1 5376	1 4708	1 5336	
R32	1 5377	1 4709	1 5337	
RFz12		1 4822	1 5160	
RFz16	1 5180	1 4823	1 5161	
RFz20	1 5181	1 4824	1 5162	
RFz25	1 5182	1 4825	1 5163	
RFz32	1 5183	1 4826	1 5164	
TH14	1 5395	1 4842	1 5321	
TH16	1 5385	1 4843	1 5322	
TH1	1 5398	1 4844	1 5323	
TH20	1 5389	1 4845	1 5324	
TH25	1 5399	1 4846	1 5325	
TH26	1 5391	1 4847	1 5326	
TH32	1 5393		1 5327	
TH40	1 5401		1 5328	
THT32	1 5393		1 5329	
14	1 5351	1 4832	1 5311	
16	1 5352	1 4833	1 5312	
1	1 5353	1 4834	1 5313	
20	1 5354	1 4835	1 5314	
25	1 5355	1 4836	1 5315	
32	1 5357	1 4838	1 5317	
40	1 5358		1 5318	
50			1 5319	
RC26	1 5277	1 4837	1 5271	
P	P14	1 5530	1 4882	1 5230
	P16	1 5531	1 4883	1 5231
	P20	1 5532	1 4884	1 5232
	P25	1 5533	1 4885	1 5233
	P32	1 5534	1 4886	1 5234
	AB1		14660	
	AB20		14661	
	B3/ "		1 5251	
	B1/2"		1 5252	
	B5/ "		1 5253	
	B3/4"		1 5254	
	B1"		1 5255	
	B1.1/4"		1 5256	
	BE16	1 5291	1 5392	
	BE20	1 5292	1 5394	
	BE26	1 5293	1 5396	
	BE32	1 5294	1 5397	
	CO12		1 4852	1 5235
	CO16		1 4853	1 5236
	CO20		1 4854	1 5237
	CO25		1 4855	1 5238

Press Slings TH50, TH63, U63 and further models available on request.

Press jaws

P / - a e



System					
	a e	P e a a	e a gea e e a Use only in combination with interchangeable jaws No. 1.4800	P e a a a	P e g Use only in combination with temporary jaws: Compact No. 1.4431 (15-35 mm), Standard No. 1.4430 (15-35 mm)
	G16	1 5362		1 5302	
	G20	1 5364		1 5304	
	G26	1 5366		1 5306	
	G32	1 5367		1 5307	
	G40	1 5368		1 5308	
	HA16	1 5580		1 5280	
	HA20	1 5581		1 5281	
	HA26	1 5582		1 5282	
	HA32	1 5583		1 5283	
	HA40			1 5284	
	KI16			1 5122	
	KI20			1 5125	
	KI25			1 5135	
	KI32			1 5145	

Press Slings TH50, TH63, U63 and further models available on request.

e a / - e a

System					
	a e	P e a a	e a gea e e a Use only in combination with interchangeable jaws No. 1.4800	P e a a a	P e g Use only in combination with temporary jaws: Compact No. 1.4431 (15-35 mm), Standard No. 1.4430 (15-35 mm)
	A1/2"			1 5222	
	A3/4"			1 5223	
	A1"			1 5224	
	A1.1/4"			1 5225	
	A1.1/2"			1 5226	
	A2"			1 5227	
	A 15			1 4650	
	A 20			1 4651	
	12	1 5151		1 5101	
	15	1 5152		1 5102	1 4420
	1	1 5153		1 5103	1 4421
	22	1 5154		1 5104	1 4422
	2	1 5155		1 5105	1 4423
	35			1 5106	1 4424
	42			1 5107	
	54			1 5108	
	/S 12	1 5261		1 5211	
	/S 14	1 5269		1 5219	
	/S 15	1 5262		1 5212	1 4400
	/S 16	1 5260		1 5220	
	/S 1	1 5263		1 5213	1 4401
	/S 22	1 5264		1 5214	1 4402
	/S 2	1 5265		1 5215	1 4403
	/S 35			1 5216	1 4404
	/S 42			1 5217	
	/S 54			1 5218	

Press Slings TH50, TH63, U63 and further models available on request.

Press Jaw Program Overview

ROTHENBERGER offers press jaws for a variety of press fitting / pipe systems on the market today. The press contour of each particular system allows reliable pressing to approved standards.

Image	System	Standard			Notes	Press Jaw Models												
		12	15	20		22	25	32	40	50	63	76	90	110	125	150	175	200
	12	1 5151	1 5101															
	15	1 5152	1 5102		1 4420	●												
	1	1 5153	1 5103		1 4421	●												
	22	1 5154	1 5104		1 4422	●												
	2	1 5155	1 5105		1 4423	●												
	35		1 5106		1 4424	●												
	42		1 5107			●												
54		1 5108			●													
	12	1 5261	1 5211															
	S 14	1 5269	1 5219															●
	S 15	1 5262	1 5212		1 4400													●
	S 16	1 5260	1 5220															●
	S 1	1 5263	1 5213		1 4401													●
	S 22	1 5264	1 5214		1 4402													●
	S 2	1 5265	1 5215		1 4403													●
	S 35		1 5216		1 4404													●
	S 42		1 5217															●
S 54		1 5218															●	
	G16	1 5362	1 5302															
	G20	1 5364	1 5304															
	G26	1 5366	1 5306															
	G32	1 5367	1 5307															
	G40	1 5368	1 5308															
	HA16	1 5580	1 5280															
	HA20	1 5581	1 5281															
	HA26	1 5582	1 5282															
	HA32	1 5583	1 5283															
	HA40		1 5284															
	R12	1 5369	1 5339	1 4863														
	R14	1 5370	1 5330	1 4864														
	R16	1 5371	1 5331	1 4865														
	R1	1 5378	1 5333	1 4866														
	R1	1 5379	1 5334	1 4867														
	R20	1 5374	1 5335	1 4868														
	R25	1 5380	1 5338	1 4707														
	R26	1 5376	1 5336	1 4708														
	R32	1 5377	1 5337	1 4709														
	RFz12		1 5160	1 4822														
	RFz16	1 5180	1 5161	1 4823														
	RFz20	1 5181	1 5162	1 4824														
	RFz25	1 5182	1 5163	1 4825														
	RFz32	1 5183	1 5164	1 4826														
	TH14	1 5395	1 5321	1 4842														
	TH16	1 5385	1 5322	1 4843														
	TH1	1 5398	1 5323	1 4844														
	TH20	1 5389	1 5324	1 4845														
	TH25	1 5399	1 5325	1 4846														
	TH26	1 5391	1 5326	1 4847														
	TH32	1 5393	1 5327															
	THT32	1 5393	1 5329															
	TH40	1 5401	1 5328															
		14	1 5351	1 5311	1 4832													
16		1 5352	1 5312	1 4833														
1		1 5353	1 5313	1 4834														
20		1 5354	1 5314	1 4835														
25		1 5355	1 5315	1 4836														
32		1 5357	1 5317	1 4838														
40		1 5358	1 5318															
50		1 5319																
	RC26	1 5277	1 5271	1 4837														
	P14	1 5530	1 5230	1 4882														
	P16	1 5531	1 5231	1 4883														
	P20	1 5532	1 5232	1 4884														
	P25	1 5533	1 5233	1 4885														
	P32	1 5534	1 5234	1 4886														

Press Slings TH50, TH63, U63 and further models available on request.



Multi-Layer Pipe Processing

2



No. 7.0031

Model	mm	inch	Cut depth	g	No.
Size I	6-6	1/4-2.5/ "	.0	10	7 0031
Size II	50-125	2-5"	13.0	1600	7 0032
Spare cutter wheel Size I					
Standard	3 pc.		.0	10	7 0028
Spare cutter wheel Size II					
Standard	3 pc.		13.0	20	5 5054
Extra	2 pc. f. autom. Pipe cutter		.6	10	5 5053
Size III	110-16	4-6.5/ "	16.0	1 0	7 0033
Replacement cutter wheel					
Standard	2 pc.		16.0	20	5 5074
Extra	2 pc. size III		.6	10	5 5053

Plastic Pipe Cutter AUTOMATI PL

a e e e e e 6 - 168

For smooth and precise right-angle cutting of PE, PP, PE , PB and P DF pipes as well as sound-absorbing drainage pipes and multi-layer pipes.

- Quick adjustment of the pipes outer diameter: Smooth telescopic action
- Quick opening: automatic retraction
- Strong, non-slip and non-scratch surface: High-quality D RA ANT surface and epoxy coating
- Optimal cuts for various wall thicknesses: Hardened, special cutter wheel with special feathered edge
- A single tool system for cutting and deburring: Retractable internal pipe deburrer stored in frame, with rotating high strength steel blade that adjusts to contours of the work piece.



No. 7.0108 / 7.0109

Model	mm	inch	g	No.
TC 35 SR	6 - 32	1/4 - 1.1/4"	440	7 0108
TC 42 SR PRO	6 - 42	1/4 - 1.5/ "	510	7 0109
TC 42 PRO P C	6 - 42	1/4 - 1.5/ "	510	7 0072
Replacement cutter wheel	5 pc.		19	7 0188
Replacement cutter wheel	3 pc.		10	7 0028

TUBE CUTTER 35 MSR, 42 MSR PRO and 42 PRO P C

a e e e e e 6 - 42

- Space saving operation, also for use in confined spaces: Constant, 123 mm small working radius
- Right-angle and burr-free operation: Optimised cutting wheel and exact telescopic guidance
- Simple and quick adjustment of the work area: Feed synchronised to the rotation
- Optimal, fatigue-free use: Ergonomically optimised metal handle
- A single tool system for cutting and deburring: Integrated, retractable internal pipe deburrer
- Replacement cutter wheel in the handle



Grip ring for insertion and retraction



Entry taper for clean insertion in the pipe



Model	for pipes/mm	g	No.
SR-internal-bending spring	1 mm	1 0	2 5444
SR-internal-bending spring	20 mm	220	2 5445
SR-internal-bending spring	25/26 mm	3 0	2 5446

MSR Internal Bending Springs

a e g a - a e e

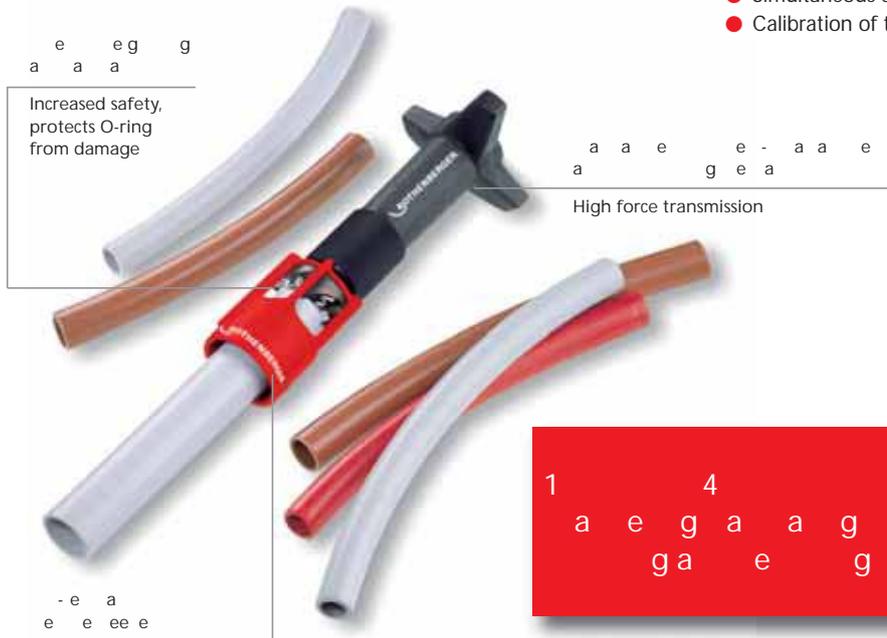
- Ideal operation even with longer pipes: Grip ring for insertion and retraction
- Entry taper for clean insertion in the pipe
- Sturdy and long lasting: NIROSTA spring steel
- Pipe will not buckle due to optimal spring form

Model	mm	g	No.
SR-internal-bending spring	12 mm	90	2 5441
SR-internal-bending spring	14 mm	120	2 5442
SR-internal-bending spring	16 mm	150	2 5443



ROGRAT MSR Deburrer and Chamfering Tool

e e e a a e e a e g
a e g a a g a g P -
a a - a e e



- Internal and external deburrer for PE- and aluminium multi-layer pipes SR through chamfering to approved standards
- Simultaneous chamfering
- Calibration of the pipe ends through a special guiding pin



Fig. ROGRAT-MSR Deburrer Set

Protects from injury

System optimised chamfer



Colour coding prevents confusion



Set includes: Carrying case (No. 1.4005), with basic handle grip (No. 1.4000) and system-manual chamfering attachments

Model	For size mm	Weight (g)	No.
G Geberit epla	16 - 20 - 26	60	1 4260
nicor/ nipipe	16 - 20 - 25	60	1 4270
TH Henco/H S	16 - 20 - 26	60	1 4250
F Fränk. Rohrwerke	16 - 20 - 26	60	1 4230
Basic handle		250	1 4000
System carrying case		250	1 4005

ROGRAT MSR System Chamfering and Calibration

ROGRAT-Type	Press-System	Pipe measurement mm	Colour code	Weight (g)	No.
G 16		16.0 x 2.25		53	1 4102
G 20	GEBERIT epla	20.0 x 2.50		93	1 4104
G 26		26.0 x 3.00		10	1 4106
G 32		32.0 x 3.00		162	1 4107
14		14.0 x 2.00		51	1 4111
16		16.0 x 2.00		53	1 4112
1	NIPIPE/TIGRIS-S	1 .0 x 2.00		5	1 4113
20	WA IN	20.0 x 2.25		93	1 4114
25		25.0 x 2.50		10	1 4115
32		32.0 x 3.00		162	1 4117
TH 14		14.0 x 2.00		51	1 4121
TH 16	Henco / HS	16.0 x 2.00		53	1 4122
TH 1	Giacomini	1 .0 x 2.00		5	1 4123
TH 20		20.0 x 2.00		93	1 4124
TH 26		26.0 x 3.00		10	1 4126
F 16-1		16.0 x 2.00		53	1 4132
F 1	Fränkische Rohrwerke	1 .0 x 2.00		5	1 4133
F 20-1	alpex-therm	20.0 x 2.00		93	1 4134
F 26	alpex-san	26.0 x 3.00		10	1 4136
F 32		32.0 x 3.00		162	1 4137

black brown violet yellow

ROCAM® PE-X EXPANDER Power Torque

e a g e g a a a g P - a a -
- a e e P 42 a 1 3/4
a e ea a e e

e.g. for the systems

- ROTE
- SCHELL
- TECE / TECEflex
- ulkan-Lokring and others



*Availability, delivery time and price of custom products for other pipe dimeters available on request

Model	Description	Weight (g)	No.
Expander handle	32 mm	60	1 2005

without heads and steel carrying case

Multi-Layer Pipe Processing

TUBE BENDER MAXI MSR

2



Universal bending tool, also suitable for soft copper pipe, as well as coated, thin-walled soft copper pipe. Increased safety by reducing the number of joints. Eliminates the costs of bending formers, storage and purchase.

Universal bending tool, also suitable for soft copper pipe, as well as coated, thin-walled soft copper pipe. Increased safety by reducing the number of joints. Eliminates the costs of bending formers, storage and purchase.

Product Profile	
1	Ideal in confined spaces
2	Quick release and resetting of bending formers
3	Bending formers easily changed
4	Optimal bending results
5	Reduced labour time

Production of U-bends, counter bends, swan-neck bends and connecting bends possible at all levels

Bending formers easily changed

Optimum bending results

Quick operation

Ideal for use in confined spaces and for one-handed operation

Quick release and resetting of bending formers

Fig. TUBE BENDER MAXI MSR

Sturdy and long-lasting

Universal field operation



Abb. TUBE BENDER MAXI MSR Set

Sets (No. 2.3065 / 2.3095) include: TUBE BENDER MAXI MSR (No. 2.3076), support bracket (No. 2.3080), bending formers in steel carrying case (No. 2.4022)

Sets (No. 2.3090 / 2.3091) include: TUBE BENDER MAXI MSR (No. 2.3000), support brackets (No. 2.3080), bending formers in steel carrying case (No. 2.4022)

Cu	Cu coated	SR	No.
14 - 16 - 20 mm	0 - 12 mm	14 - 16 - 1 - 20 - 25 - 32 mm	2 3065
14 - 16 - 20 mm	10 - 12 mm	14 - 16 - 1 - 20 - 26 - 32 mm	2 3095

Cu	Cu coated	SR	No.
14 - 16 - 20 mm	10 - 12 mm	14 - 16 - 1 - 20 - 25 mm	2 3090
14 - 16 - 20 mm	10 - 12 mm	14 - 16 - 1 - 20 - 26 mm	2 3091



Description	g	No.	Description	g	No.
Bending Segment 14 x 2.0 mm	0	2 3003	Bending Segment 32 x 2.0 mm	3 0	2 3051
Bending Segment 16 x 2.0 mm		2 3005	Basic Tool 25 without support brackets	9 0	2 3000
Bending Segment 1 x 2.0 mm	140	2 3050	Basic Tool 32 without support brackets	12 0	2 3076
Bending Segment 20 x 2.0 mm		2 3052	Support Brackets with support segments R/L 2.3000	9 0	2 3032
Bending Segment 25 x 2.0 mm	1 0	2 3009	Support Brackets with support segments R/L 2.30	6 90	2 3080
Bending Segment 26 x 2.0 mm		2 3053			

Multi-Layer Pipe Processing

ROBULL MSR Typ E / ME



With manual hydraulic pump
With electro-hydraulic pump 230

Multi-use, portable hydraulic bending system for on-site operation in sanitary and heating installations as well as industrial use. Also suitable for adjusting pipes

Multi-use, portable hydraulic bending system for on-site operation in sanitary and heating installations as well as industrial use. Also suitable for adjusting pipes

Product Profile

- 1 Fast operation
- 2 Comfortable working position
- 3 High load capacity
- 4 Easy pipe insertion
- 5 Service-friendly with the mono-block design
- 6 Also suitable for adjusting pipes

4 Easy pipe insertion

Easy pipe insertion

1 Quick operation

Quick operation

6 Suitable for adjusting pipes

Suitable for adjusting pipes

5 Service-friendly

Service-friendly

3 High load capacity

High load capacity

2 Comfortable working position

Comfortable working position

ROBULL MSR Typ E



Model No.

Hydraulic Bender SR Type E, without formers	53	5 7900
Hydraulic Bender SR Type E 230, without formers	54	5 7915

5 7915 ROBULL MSR electro-hydraulic bender Type ME 230 V, open bending frame (No. 5.7981), 2 locking pins (No. 5.7979), 1 litre hydraulic oil (No. 5.8185), in steel carrying case (No. 5.8206) (Bending formers are not included in delivery)

5 7900 ROBULL MSR hydraulic-bending with hand-held hydraulic pump, open bending frame, 2 locking pins (No. 5.7979), 1 litre hydraulic oil (No. 5.8185), in steel carrying case (No. 5.8206) (Bending formers are not included in delivery)



Description	kg	No.	Description	kg	No.
Bending Formers, 40 mm, bending radius 13 mm	1.2	5 8021	Side Formers, 40 mm 2 pc.	1.9	5 7921
Bending Formers, 50 mm, bending radius 13 mm	1.	5 8022	Side Formers, 50 mm 2 pc.	3.2	5 7922
Bending Formers, 63 mm, bending radius 21 mm	2.3	5 8023	Side Formers, 63 mm 2 pc.	3.9	5 7023
Complete Bending Former Sets with Side Formers 40-50-63 mm	9.0	5 8020	Tripod Stand	3.0	5 8182
			Hydraulic Oil, 1 litre	1.0	5 8185

Tools for Steel Pipe Installation

e g a e	76	77
a a e ea e	78	81
P a e P e ea e	82	85
e e a a e		
a P a e ea e		86
g		87
P a e ea e	88	91
e ea a e P a e ea e	92	93
e a e		94
e e ea e		95
a a ea e	96	97
e ea a e a a ea e		98
P e a	99	100
P e e	101	103



Bending Machines

ROBULL Type E and Type ME

Broadly applicable, universal portable hydraulic bending system for

for plumbing, sanitary and heating installation on construction sites, for apparatus and boiler construction and for industrial use. Also suitable for aligning tubes. Type E is also ideal for serial processing

Product Profile

- Reduces welded joints, no warming of pipe required
- No manufactured fittings required
- ① Exact bending with the precision bending forms
- ② Works quicker with the 150 kN piston strength
- ③ maintenance-free hydraulic system
- ④ Easy and simple operation

- ⑤ Comfortable working position with the tripod stand opt.
- ⑥ Deliverable with foldable and adjustable bending frame

design with quick and automatic piston return
 with manual hydraulic pump
 with 230 electro-hydraulic pump

3

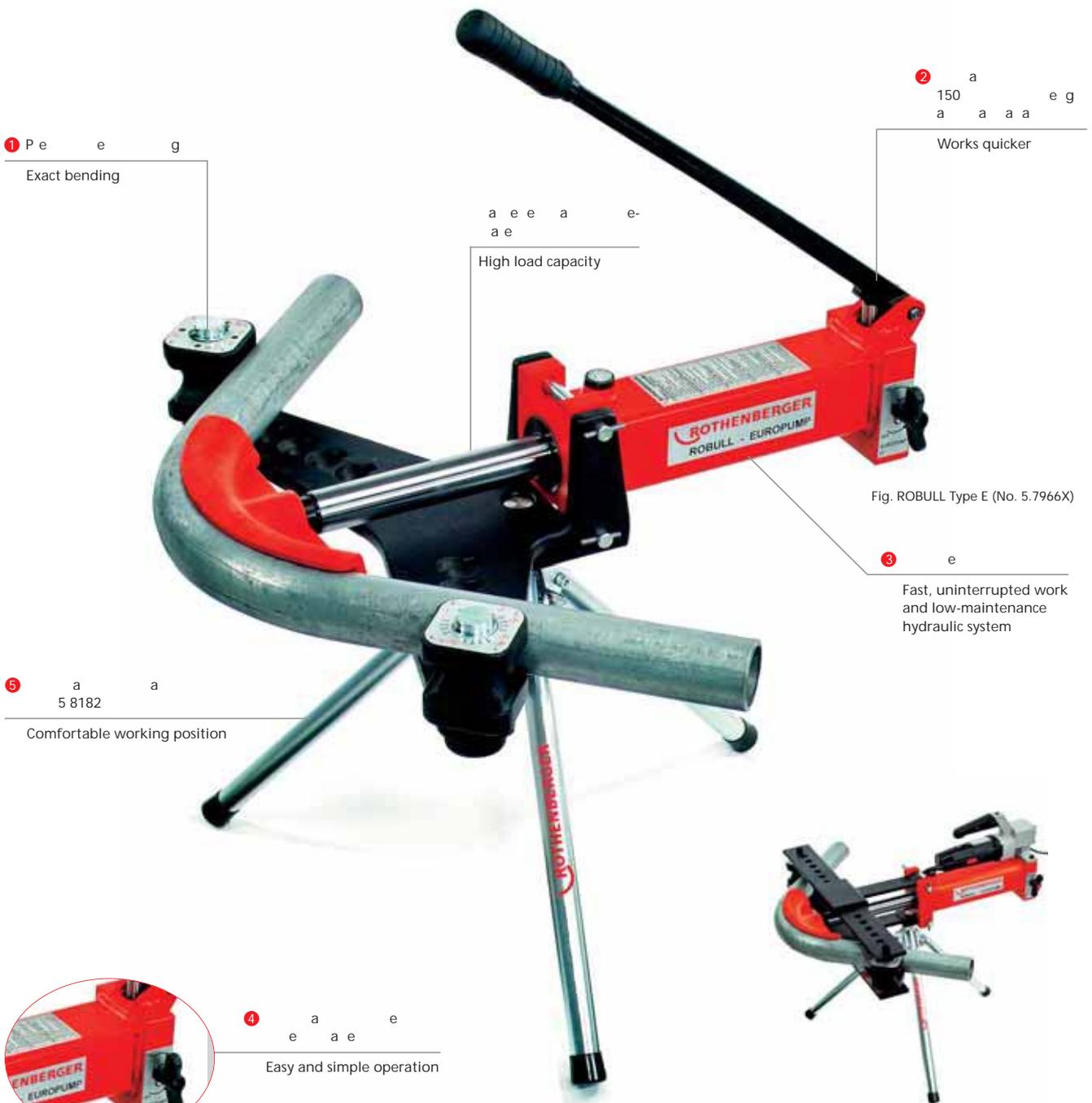


Fig. ROBULL Type E (No. 5.7966X)



Fig. ROBULL Type ME 230 V (No. 5.7972X)



Precision Bending Formers 90

With short radii for threaded pipes as well as gas and water pipes according to 10255



5 a a
5 8182
Comfortable working position

Content scope of delivery: ROBULL bending machine, 2 pins for frame (No. 5.7979), 2 side forms (No. 5.8004), bending forms Standard 90° in 3/8" (No. 5.7985), 1/2" (No. 5.7986), 3/4" (No. 5.7987), 1" (No. 5.7988), 1.1/4" (No. 5.7989), 1.1/2" (No. 5.7990), 2" (No. 5.7991), hydraulic oil 1 l (No. 5.8185), steel carrying case (No. 5.8206)

Content scope of delivery: ROBULL bending machine, 2 pins for frame (No. 5.7979), side forms (No. 5.7983), side form with degree gradation (No. 5.7982), bending forms Standard 90° in 3/8" (No. 5.7985), 1/2" (No. 5.7986), 3/4" (No. 5.7987), 1" (No. 5.7988), 1.1/4" (No. 5.7989), 1.1/2" (No. 5.7990), 2" (No. 5.7991), hydraulic oil 1 l (No. 5.8185), steel carrying case (No. 5.8206)

Model	Description	kg		No.
ROBULL Type E	without accessories	16.	1	5 7950
	with adjustable bending frame and accessories see above	59.	1	5 7966
	with foldable bending frame and accessories see above	2.6	1	5 7961
ROBULL Type E, 230	without accessories	1.	1	5 7969
	with adjustable bending frame and accessories see above	60.	1	5 7973
	with foldable bending frame and accessories see above	3.	1	5 7972

Inch	mm	Wall thickness min. mm	r mm	kg	No.
3/8"	12	2.35	45	0.1	5 7985
1/2"	21.3	2.65	49	0.	5 7986
3/4"	26.9	2.65	65	0.	5 7987
1"	33.	3.25	9	1.32	5 7988

Inch	mm	Wall thickness min. mm	r mm	kg	No.
1.1/4"	42.4	3.25	115	1.63	5 7989
1.1/2"	43	3.25	13	2.41	5 7990
2"	60.3	3.65	200	3.2	5 7991



Description	kg	No.	Description	kg	No.
Bending Frame, adjustable	15.20	5 7981	Side Forms for adjustable bending frame, with degree gradation	2.6	5 7982
Bending Frame, foldable	12.50	5 8002	Side Forms for adjustable bending frame, without degree gradation	2.6	5 7983
Pins for fixing the bending frame	0.2	5 7979	Side Forms for foldable bending frame	2.2	5 8004
Steel carrying case	10.00	5 8206	ROTHENBERGER Hydraulic oil, in plastic container 1 l	1.0	5 8185
			Tripod frame for ROBULL E and E, collapsible	3.0	5 8182

6 Type E with adjustable bending frame



Type E with foldable bending frame



6 Type E with adjustable bending frame



Type E with foldable bending frame



Hand Ratchet Threaders

SUPER CUT



1/4 - 2"

Precision thread cutting to approved standards

Product Profile

- Slim, compact design with excellent overall size, ratchet angle of 22.5
- ① Easy operation in hard-to reach places with the offset lever
- ② Convenient, lockable reversal of the ratchet direction
- ③ Extremely long service life
- ④ Simple insertion and removal of Die heads
- ⑤ Secure hold with retainer locking

For precision thread cutting of

1/4 - 2"
16 - 32

through the long pipe guide is ensured
allows a gentle first cut and excellent chip discharge

Positive octagonal universal drive with retainer locking

⑤

Positive octagonal universal drive with retainer locking

Optimum force transfer

④

Simple insertion and removal of the Die heads

Simple insertion and removal of the Die heads

①

Easy operation in hard-to-reach places

Easy operation in hard-to-reach places

②

Convenient, lockable reversal of the ratchet direction

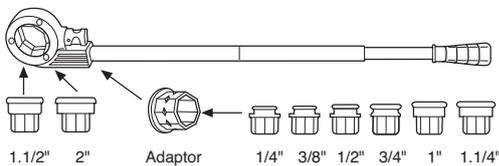
Convenient, lockable reversal of the ratchet direction

Extremely long service life

Extremely long service life

Extremely long service life

Precision thread cutting



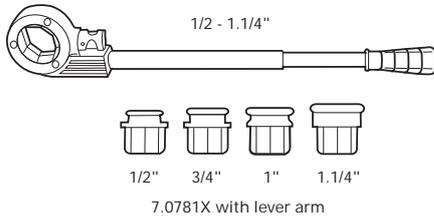
With ratchet handle 1/4 - 2" the attachment of the 1/4 - 1/4 Die head results with the use of the adaptor (No. 2)

onoblock - Adaptor (No. 2)



SUPER CUT Sets 16 - 32 mm 3/8 - 1.1/4

With ratchet handle small, octagonal drive No. .0 40 ,
die heads in plastic carrying case

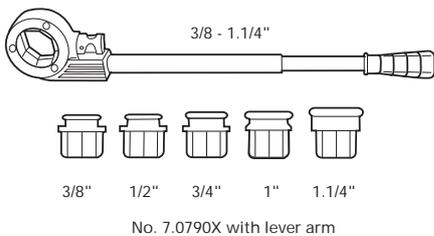


odel	Size	kg	No.
BSPT R	1/2" - 3/4" - 1" - 1.1/4"	5.1	7 0781
BSPT R	3/4" - 1/2" - 3/4" - 1"	4.0	7 0782
BSPT R	16 - 20 - 25 - 32 mm	6.2	7 0910



SUPER CUT Sets 3/8 - 1.1/4

With ratchet handle small octagonal drive, No. .0 40 ,
and die heads in plastic carrying case

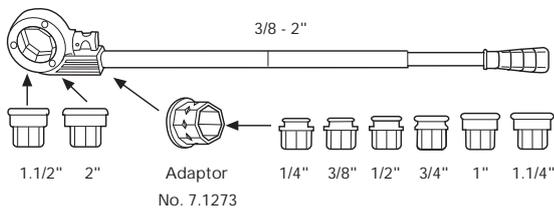


odel	Size	kg	No.
BSPT R	3/8" - 1/2" - 3/4" - 1"	5.4	7 0793
BSPT R	3/8" - 1/2" - 3/4" - 1" - 1.1/4"	6.2	7 0790
BSPT R	1/2" - 3/4" - 1"	4.2	7 0780



SUPER CUT Sets 3/8 - 2

With ratchet handle large octagonal drive, No. .12 2 ,
die head adaptor No. .12 3 , die heads in plastic carrying case



odel	Size	kg	No.
BSPT R	3/8" - 1/2" - 3/4" - 1" - 1.1/4" - 1.1/2" - 2"	11.4	7 0891
BSPT R	1/2" - 3/4" - 1" - 1.1/4" - 1.1/2" - 2"	10.	7 0892
BSPT R	1" - 1.1/4" - 1.1/2" - 2"	9.6	7 0894



Description	
Die heads	1/4 - 2" 86
Dies	1/4 - 2" 86
Cutting fluid	87
Pipe roughing wrench	95
onoblock-adaptor	81



Hand Threaders

SANI IT

Hand Threaders

Ideal for repair and installation jobs requiring complete Steel Pipe Processing



Product

Product Profile

- Light and easy to use, always within reach
- ① Secure guiding of the cutter wheel on the pipe
- ② Reliable grip with the s-shaped jaw
- ③ Firm grip even with heavy-duty use
- ④ Long service life
- ⑤ Precise thread cutting to approved standards
- ⑥ Perfect alignment

g	up to	1.1/4"
ea g	up to	1"
e e g e g		
ea g ea e	up to	1.1/4"

Super 1.1/4

①

Secure guiding of the cutter wheel on the pipe

Corner Pipe Wrench Super S

② - a e a

Firm grip



SUPER CUT a e ea e

⑥ P a e a e 1 1/4

Perfect alignment

Water Pump Pliers Type SP

④ ea - ge e e e a a

Long service life

⑤ a e ag P 1/2 - 3/4 - 1

Precise thread cutting to approved standards

③ e - a g a

Firm grip even with heavy-duty use



Description

Die heads	1/4 - 2"	86
Dies	1/4 - 2"	86
Cutting fluid		87
Pipe roughing wrench		95

SANI KIT

Hand Threader

Ideal for repair and installation jobs requiring complete steel pipe processing



10-piece set (No. 7.0600) includes: SUPER CUT ratchet threader 1.1/4" (No.70840X), quick-change Die heads BSPT R 1/2" (No. 7.0823X) - 3/4" (No. 7.0824X) - 1" (No. 7.0825X), steel pipe cutter SUPER 1.1/4" (No. 7.0040), water pump pliers Type SP 10" (No. 7.0528), corner pipe wrench 1" (No. 7.0122X) as well as teflon tape (No. 85.5360), in plastic carrying case



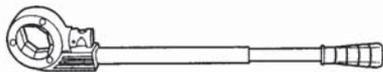
Fig. SANI KIT



Model	kg	No.
SANI KIT Tool set	2.2	7 0600

SUPER CUT Ratchet Arm

With offset adaptor



No. 7.0840X

Direct seating for die heads	Offset adaptor for die heads	Handle	kg	No.
1/4" - 1.1/4"	-	2-piece	1.0	7 0840
1.1/2" - 2"	no fig. 1/4" - 1.1/4"	3-piece	2.5	7 1272

Monobloc Adaptor

For SUPER CUT ratchet handle No. 7.1272 to fit die heads 1/4" - 1.1/4"



Direct seating for Die heads	kg	No.
1/4" - 3/4" - 1/2" - 3/4" - 1" - 1.1/4"	0.3	7 1273

Ratchet Pipe Deburrer 1/4" - 2"

Hand Threader

For steel pipes, with smooth-running ratchet, cutting bit made of tempered steel



Spare deburrer (No. 7.0296)

Model	Inch	mm	kg	No.
Internal deburrer with ratchet 1/4" - 2"	13-60	2.6	7 0289	
Spare deburrer		0.20	7 0296	

Description	No.
Die heads 1/4" - 2"	86
Dies 1/4" - 2"	86
Cutting fluid	87
Pipe roughing wrench	95



Power Threaders

SUPERTRONIC 1250

Power range 1/4 - 1 1/4"

For quick and effortless production of precise and reliable thread connections to approved standards



Product Profile

- 1 Ideal for confined spaces corners, shafts
- 2 Sturdy and light even with heavy-duty use
- 3 Compact gear housing with excellent overall size
- 4 High power transmission, quiet running with long service life
- 5 Tough, rugged and durable
- 6 Weight reduction and easy handling
- Die can be used in both directions left, right
- Stable speed by forward and reverse motion

For threading of

Power range	1/4 - 1.1/4"
Power	1/4 - 1.1/4"
Speed	16 - 32
Reverse speed	15 - 20
Max. torque	2 min ⁻¹
Power consumption	100 Watt
Speed	230 / 110
Reverse speed	34 min ⁻¹
Weight	4.9 kg
Dimensions	456 x 160 x 60 mm



Compact design, only 4.9 kg, ideal for portable operation



1 Small head shape (45 mm)



Pipe roughing





SUPERTRONIC 1250 Set

Sets include: S PERTRONIC 1250 up to 1.1/4" with forged pipe clamp No. 7.1279, precision Die heads complete in plastic carrying case No. 7.1456

a a g 1/4 - 1 1/4



Pipe clamp (No. 7.1279)



(optional)



Fig. SUPERTRONIC 1250 Set (No. 7.1450)

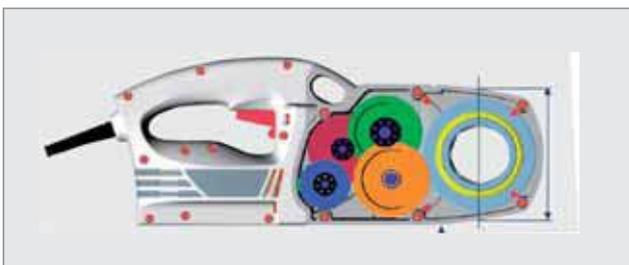
odel	Description	kg		No. 230	No. 110
S PERTRONIC 1250 Set	BSPT 1/2 - 3/4 - 1 - 1.1/4"	14.5	1	7 1450	7 1451
S PERTRONIC 1250 Set	16 - 20 - 25 - 32 - 40 mm	14.5	1	7 1452	7 1453
S PERTRONIC 1250 Set	1/2 - 1.1/4" NPT	13.0	1	7 1454	7 1455

Steel pipe processing portable, fast and easy



Description	
Die heads 1/4 - 2"	86
Dies 1/4 - 2"	86
Cutting fluid	87
Pipe roughing wrench	95

Slope teeth drive for maximum power (00 Watt)



Power Threaders

SUPERTRONIC 2000

Power Threader 1/4" - 2"

For quick and effortless production of precise and reliable thread connections to approved standards



Product Profile

- 1 Secure grip in both turning directions with the hardened teeth and jaws
 - 2 Die heads are held firmly in place through direct seating with tension ring locking
 - 3 Off-set Die head mounting allows for threading even close to walls
 - 4 Ideal for confined spaces corners, shafts
 - 5 User friendly work with the large mechanism for switching directions
- Reliable motor for long-term use

For threading of

Power Threader 1/4" - 2"
 Power Threader 1/4" - 2"
 16 - 50
 gears, induction tempered, parallel gear shafts, each ball bearing mounted when fully loaded
 Powerful motor, double insulated with DE and CEE interference free for reliable long-term use
 15 - 25 min⁻¹, rapid reverse 60 min⁻¹
 4 x faster reverse with reverse drive
 with continuous lubrication

1 a e e e e a a a

Secure grip in both turning directions

5 a g e a g e

User friendly work

g 1010 e a e
a e e e e e

Universal motor for reliable, professional long-term use

1010 e a
Low energy consumption

4 a g

Ideal for confined spaces

3 - e e ea g

Threading possible even close to walls

2 e ea g e g g

Die heads are held firmly in place

e g g
Easy insertion of the Die heads



Power Threader 1010 a

High reduction gears



SUPERTRONIC 2000 Set

Sets include: S PERTRONIC 2000 with forged pipe clamp No. 7.1200, ROFI -Adaptor No. 7.1201, and precision die heads, complete in plastic carrying case No. 7.1204



Pipe clamp (No. 7.1280)

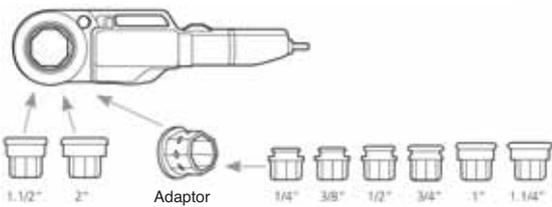


Fig. SUPERTRONIC 2000 Set



odel	Description	kg		No. 230	No. 110
S PERTRONIC 2000 Set, BSPT R	1/2" - 3/4" - 1" - 1.1/4" - 1.1/2" - 2"	14.5	1	7 1256	7 1258
S PERTRONIC 2000 Set, NPT	1/2" - 3/4" - 1" - 1.1/4" - 1.1/2" - 2"	14.5	1	7 1257	7 1259
S PERTRONIC 2000, without accessories		6.	1	7 1250	7 1251



Description	
Die heads 1/4 - 2"	86
Dies 1/4 - 2"	86
Cutting fluid	87
Pipe roughing wrench	95
ROGROOVER	94

Used with roll grooving tool ROGROOVER



ROFI Adaptor (No. 7.1201) S.



Work in confined spaces



Accessories for Hand Ratchet and Power Threaders

3



Precision Die Heads

e a g e a g a g e a e

For faster threading, reinforced locking plate and precise Die seating. Fits in ROTHENBERGER S PERTRONIC 1000, S PERTRONIC 1250, S PERTRONIC 2000 and S PER C T threaders

BSPT R	No.	etric	No.
1/4"	7 0821		
3/ 4"	7 0822		
1/2"	7 0823	16 x 1.5	7 0811
3/4"	7 0824	20 x 1.5	7 0812
1"	7 0825	25 x 1.5	7 0813
1.1/4"	7 0826	32 x 1.5	7 0814
1.1/2"	7 0842	40 x 1.5	7 0815
2"	7 0843	50 x 1.5	7 0816

Precision Threading Dies

- Gentle first cut, extremely long life, 4 pieces / pack
- Optimum results are achieved with original ROTHENBERGER thread cutting fluid



BSPT R	No.	etric	No.
1/4"	7 0831		
3/ 4"	7 0832		
1/2"	7 0833	16 x 1.5	7 0881
3/4"	7 0834	20 x 1.5	7 0882
1"	7 0835	25 x 1.5	7 0883
1.1/4"	7 0836	32 x 1.5	7 0884
1.1/2"	7 0869	40 x 1.5	7 0885
2"	7 0870	50 x 1.5	7 0886

Forged Pipe Clamp

P 1000 1250
P 2000

Secure grip in both turning directions, prism toothed and hardened



odel	kg	No.
Clamp up to max. 1.1/4"	1.6	7 1279
Clamp up to max. 2"	1.9	7 1280



ROFIX Adaptor

Fits small external octagonal die heads from 1/4" up to 1.1/4"

- Easy insertion of the die head with tension ring locking



odel	g	No.
ROFI Adaptor with locking ring	30	7 1271



RONOL®

g - e a e g

Product Profile

- Excellent cooling and lubricating properties
- Durability of the threading Die is increased considerably
- For perfect, clean threads
- Environmentally friendly
- Safe for skin contact
- Also suitable as cold lubrication when cutting metal

ea a
ea g a a e a including stainless steel
- ee g a
g age enables easy rinsing of the pipeline without
unhealthy polychlorinated Biphenyl PCB

ea - ae g e e g
ae aa - Pea e e a a eg a

Model	Contents	kg	kg	No.
RONOL Spray can	600 ml	0.5	12	6 5008
RONOL Canister	5 l	5.20	4	6 5010
RONOL Barrel	210 l	230	1	6 5011



RONOL® SYN

g - e a e g

Product Profile

- Excellent cooling and lubricating properties
- Able to handle high pressure
- Longer life for the cutting tool
- Environmentally friendly
- Safe for skin contact
- Also suitable as cold lubrication when cutting metal

ea , purely synthetic:
Developed and approved for drinking water and plumbing
installations. D GW tested Reg. No. S 021
100 ae e, physiologically neutral, silicone-free:
easily washable
g age enables easy rinsing of the pipeline
- ee g a
- a g Perfect cooling quality
e No rusting
ea a
g e P-a e extreme pressure such as
sulphur, phosphorus or chlorine: increased cutting performance

Model	Contents	kg	kg	No.
RONOL S N Spray can	600 ml	0.5	12	6 5013
RONOL S N Canister	5 l	5.20	4	6 5015
RONOL S N Barrel	210 l	230	1	6 5016



Portable Threaders

ROPOWER 50 R

Portable threader for pipe diameters 1/4" - 2"

Quick and effortless production of precise and reliable pipe and bolt threads to approved standards



Product Profile

PP

Use on building sites, for repairs and service, industrial use and for installation work

- Quick and reliable threading, trimming, deburring, and grooving
- Effortless and comfortable transport with the light, navigable working carriage, which also serves as workbench
- ① Complete pre- and post-processing of pipe
- ② Easy to maintain machine design
- ③ Die head Type R automatic with integrated oil feed
- ④ Portable transport frame standard

For threading of

Pipe diameter	1/4" - 2"
Thread	1/4" - 2"
PP	1/2" - 2"
	3/4" - 2"
Thread diameter	10 - 24 mm
Power	1150 Watt
Speed	40 m ⁻¹
Weight	6 kg
Dimensions	535 x 430 x 340 mm

3



① Pre- and post-processing

Efficient and precise work

Precise cuts

Efficient and precise work

Burr-free work

Efficient and precise work

No pipe slippage

Efficient and precise work

Quick and precise alignment of the pipe

② Safe operation

Efficient and precise work

Safe operation

Efficient and precise work

Constant power transfer

Efficient and precise work

Easy maintenance

Efficient and precise work

Reduced oil consumption, oil coating in pipe interior is avoided



Efficient and precise work

Constant oil flow quantities

Efficient and precise work

Easy to clean

1) RIDGID® is a registered trademark of the Emerson Electric Co., St. Louis, USA



ROPOWER 50 R

Scope of delivery: ROPOWER 50 R, automatic die head 1/2" - 2"
 No. 5.6052, SS dies BSPT 1/2" - 3/4" No. 5.63 0 , 1" - 2"
 No. 5.63 1 , safety foot switch No. 5.6335 , collapsible stand
 No. 5.6051 , tool

3 Die Head Type R

Long life of the die heads

4 Transportation Frame

Included in delivery

Clearly arranged work

Long life

Comfortable transport

High mobility

For further details see page 95



odel	olt	kg	No.
ROPOWER 50 R with automatic die head:			
BSPT R 1/2 - 3/4", 1-2"	230	1 .5	5 6050
BSPT R 1/2 - 3/4", 1-2"	110	1 6 .5	5 6045
BSPP R 1/2 - 3/4", 1-2"	230	1 .5	5 6057
Collapsible Stand ROPOWER 50 R		1 19.2	5 6051
Spare cutting wheel PANDA 40, PANDA 90, PISET 3 SG, Nr. 6 SC 2 S, 2 SE, 3 S, 3 SE, 4 S, 4 SE 41 mm, Length 19 mm, DA 9 mm, hardened special steel		1 0.02	7 0074

Description	No.
Cutting fluid	87
Automatic die heads	92
Dies	92
NIPPEL A	95
Pipe roughing wrench	95 5 6500
ROGROO ER 6"	94

Automatic die head with integrated oil supply



High mobility



Thread roughing



Cost-effective Production of grooves



Portable Threaders

SUPERTRONIC 2 SE / 3 SE / 4 SE

1/4 - 4"

Reliable and proven for constant professional use

Professional



Product Profile

PP

- Ideal for portable and stationary threading in the workshop, on-site, for repairs and service, trade and industry, pipeline construction, as well as for sanitary and heating installations
- universal application, with or without stand, i.e. on a workbench

- 1 universal die head seating standard or automatic
- 2 Precise guiding of the die head
- 3 Low-wear and precise guiding
- 4 Fast axial alignment of the pipe
- 5 No pipe slippage with impact hammer chuck
- 6 Burr-free work

For threading of

P g	1/4 - 4"
P	1/4 - 4"
PP	1/2 - 4"
	3/ - 2"
e	10 - 36 mm

6 Burr-free work

Burr-free work



1 Universal Die head adaptor, optional in standard or automatic models

5 No pipe slippage

No pipe slippage

4 Axial alignment of the pipe

Axial alignment of the pipe

3 Low-wear and precise guiding

Low-wear and precise guiding

2 Precise guiding of the Die head

Precise guiding of the Die head

1 Finely controlled propulsion

Finely controlled propulsion

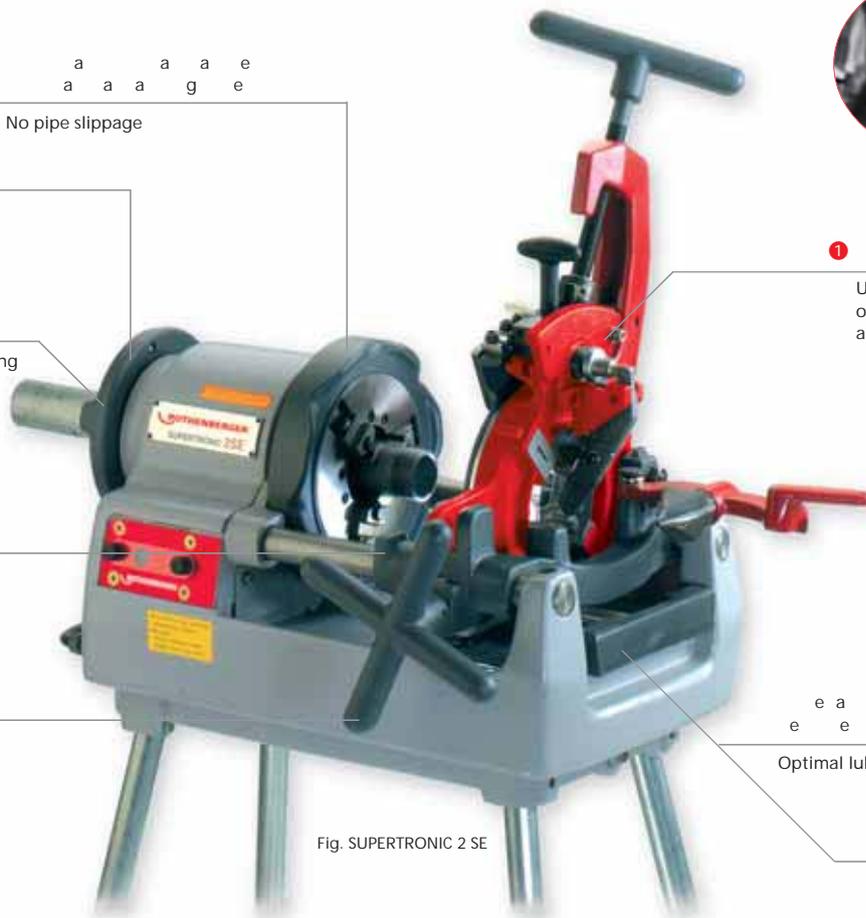


Fig. SUPERTRONIC 2 SE

Optimal lubrication and cooling

Easy to clean

Impact hammer chuck with interchangeable clamping jaw, optimal clamping properties through flexible adjustment and broad support



Automatic die heads with quick adjustment of thread size automatic thread length, finely adjustable thread depth without recentering



Fig. Transport Frame 4 SE (No. 5.7051)

SUPERTRONIC 2 SE

a ea e 1/2 - 2

Standard Die Head: 1/2" - 2" No. 5.6156
Automatic Die Head: 1/2" - 2" No. 5.6266



e g	1.150 Watt		
ee	40 m ⁻¹		
e g e ea	6 Kg		
e	535 x 430 x 340 mm		
Scope of delivery: SUPERTRONIC 2 SE, automatic die head 1/2 - 2" (No. 5.6265) or standard die head 1/2 - 2" (No. 5.6156), SS threading dies 1/2 - 3/4" (No. 5.6002), 1 - 2" (No. 5.6005) safety foot switch (No. 5.6335), supporting legs (No. 5.6491), tool			
P	2	kg	230 110
with Standard Die Head	6	5 6150	5 6120
BSPT R 1/2 - 3/4", 1-2"			
with Automatic Die Head	6	5 6175	5 6125
BSPT R 1/2 - 3/4", 1-2"			
Deburrer blade 2 SE	0.1	5 6195	5 6195

SUPERTRONIC 3 SE

a ea e 1/2 - 3

¹ Standard Die Head: 1/2 - 2" No. 5.6156, 2 - 3" No. 5.6104
² Automatic Die Head: 1/2 - 2" No. 5.6266, 2.1/2 - 3" No. 5.62



e g	1.00 Watt		
ee	33 m ⁻¹		
e g e ea	100 Kg		
e	650 x 400 x 420 mm		
Scope of delivery: SUPERTRONIC 3 SE, * ¹ (and SS threading dies 2 - 3" (No. 5.6006)), or * ² (and SS threading dies 2.1/2 - 3" (No. 5.6291)), SS threading dies 1/2" - 3/4" (No. 5.6002), 1 - 2" (No. 5.6005), safety foot switch (No. 5.6335), supporting legs (No. 5.6491), tool			
P	3	kg	230 110
with Standard Die Head	100	5 6250	5 6253
BSPT R 1/2 - 3/4", 1-2", 2 - 3"			
with Automatic Die Head	100	5 6255	5 6254
BSPT R 1/2 - 3/4", 1-2", 2.1/2 - 3"			
Deburrer blade 3 SE	0.1	5 6197	5 6197

SUPERTRONIC 4 SE

a ea e 1/2 - 4

SUPERTRONIC 4 SE with Automatic Die Head



e g	1.50 Watt		
ee	22 / 50 m ⁻¹		
e g e ea	120 Kg		
e	50 x 540 x 400 mm		
Scope of delivery: SUPERTRONIC 4 SE, automatic die head 1/2 - 2" (No. 5.6265), 2.1/2 - 4" (No. 5.6289), SS threading dies 1/2 - 3/4" (No. 5.6002), safety foot switch (No. 5.6335), supporting legs (No. 5.6491), tool			
P	4	kg	230 110
with Automatic Die Head	120	5 6465	5 6475
BSPT R 1/2 - 3/4", 1-2", 2.1/2 - 4"			
Deburrer Blade 4 SE	0.1	5 6196	5 6196

a a e e e g age

Die Heads and Dies for Portable Threaders

3



Precision Die Heads

a e e P 50 P P
P 2 2 3 3 4 4 P

Product Profile

a a e ea

- Time saving with a simple and quick change of the threading dies
- User friendly with the locking positioning which eliminates complicated calibration
- Longer life of the dies with the integrated lubrication
- Guaranteed consistent cutting oil film on the pipe surface

Product Profile

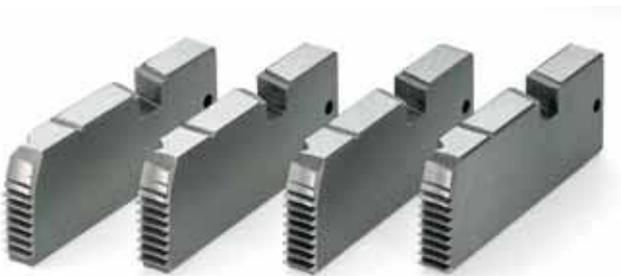
a e ea

- Simple and clear operation with the quick-adjustment thread sizes
- With the automatic adjustable thread length even long-running threads are possible
- Flexible work: Each thread size offers individual fine adjustment of the thread depth without recentering dimension change

Pea e e e e ea e e

Precision Die Heads

Technically perfect, high material quality and precise workmanship guarantee easy cutting, clean threads and extremely long service life with outstanding chip discharge. Manufactured from high-quality tempered steel. Only available in sets 4 pieces / pack.



a ea g e e g a
ee age 87

a e

- a e ea P
Standard taper pipe thread, NPT, SAS B 2.1,
External conical threads 1:16, 60° flank angle

- e ea
Metric ISO threads: ISO R 261, DIN 13
Exterior threads, 60° flank angle

- a e ea P
Whitworth pipe threads: ISO/R, DIN 2999, BSPT,
External conical threads 1:16, 55° flank angle

- g ea
British Standard Parallel Screw: Thread of Whitworth
Form B.S.W, B.S. 4: Außengewinde, Flankenwinkel 55

- a e ea PP
Whitworth pipe threads: ISO 22 /I, DIN 259, BSPP,
Exterior threads cylindrical, 55° flank angle

Die Heads and Dies for Portable Threaders

Overview Die Heads / Dies

Threadtype	Size	No.	Size	No. SS - Steel	No. HSS - Steel	50			
						P	2 / 2	3 / 3	4 / 4
P	1/4" - 3/8"	5 6153	1/4" - 3/8"	5 6001	5 6135	●	●	●	●
	1/2" - 2"	5 6156	1/2" - 3/4"	5 6002	5 6136	●	●	●	●
			1" - 1.1/2"	5 6005	5 6236	●	●	●	●
	2" - 3"	5 6104	2" - 3"	5 6006	5 6121			●	●
			3.1/2" - 4"	5 6008	5 6122				●
P	1/2" - 2"	5 6052	1/2" - 3/4"	5 6370		●			
P	a e 811 / 815 ea	1/4" - 3/8"	5 6369			●			
		1/2" - 3/4"	5 6370			●			
		1" - 2"	5 6371			●			
P	a	1/2" - 2"	5 6266	1/2" - 3/4"	5 6003	5 6235	●	●	●
				1" - 2"	5 6007	5 6236	●	●	●
		2.1/2" - 3"	5 6288	2.1/2" - 3"	5 6291	5 6237			●
	2.1/2" - 4"	5 6289	2.1/2" - 4"	5 6294	5 6238			●	
P	1/4" - 3/8"	5 6118	1/4" - 3/8"	5 6110		●	●	●	●
	1/2" - 2"	5 6156	1/2" - 3/4"	5 6111	5 6180	●	●	●	●
			1" - 1.1/2"	5 6112	5 6181	●	●	●	●
			1.1/2" - 2"	5 6113	5 6182	●	●	●	●
	2.1/2" - 3"	5 6104	2.1/2" - 3"	5 6114	5 6183			●	●
		1" - 4"	5 6115	5 6184				●	
P	a e 811 / 815 ea	1/4" - 3/8"		5 6372		●			
		1/2" - 3/4"		5 6373		●			
		1" - 2"		5 6374		●			
P	a	1/2" - 2"	5 6271	1/2" - 3/4"	5 6111		●	●	●
				1" - 1.1/2"	5 6112		●	●	●
		2.1/2" - 3"	5 6268	2.1/2" - 3"	5 6295			●	●
		2.1/2" - 4"	5 6269	2.1/2" - 4"	5 6296				●
PP	1/2" - 1.1/4"	5 6076	1/2" - 3/4"	5 6095		●	●	●	
			1" - 1.1/4"	5 6096		●	●	●	
	1.1/2" - 3"	5 6077	1.1/2" - 2"	5 6097			●	●	
	3.12" - 4"	5 6078	2.1/2" - 3"	5 6098			●	●	
		3.1/2" - 4"	5 6099				●		
	3/8" - 1"	5 6153	5/16"		5 6167	●	●	●	●
			3/8"	5 6009	5 6161	●	●	●	●
			1/2"	5 6010	5 6162	●	●	●	●
			5/8"	5 6011	5 6163	●	●	●	●
			3/4"	5 6012	5 6164	●	●	●	●
			7/8"	5 6013	5 6165	●	●	●	●
			1"	5 6014	5 6166	●	●	●	●
	1.1/2" - 2"	5 6310	1.1/2" - 1.1/4"	5 6185		●	●	●	●
			1.1/2"			●	●	●	●
			1.5/8" - 1.3/4"	5 6187		●	●	●	●
		1 7/8" - 2"	5 6188		●	●	●	●	
e	10 - 4 mm	5 6133	10	5 6081	5 6351	●	●	●	●
			12	5 6082	5 6352		●	●	●
			14 - 16	5 6083	5 6353	●	●	●	●
			1 - 22	5 6085	5 6355	●	●	●	●
			24	5 6088	5 6358	●	●	●	●
	2 - 36 mm	5 6315	2	5 6189				●	●
			30 - 33	5 6190				●	●
			36	5 6191				●	●

1) RIDGID® is a registered trademark of the Emerson Electric Co., St. Louis, USA



Roll Grooving

ROGROO ER 6

Pressure grooving machine ER 6
150 mm diameter grooving machine
- adjustable grooving

Suitable for installations, sprinkler systems, larger heading units, industrial use and mining

Pressure grooving machine ER 6

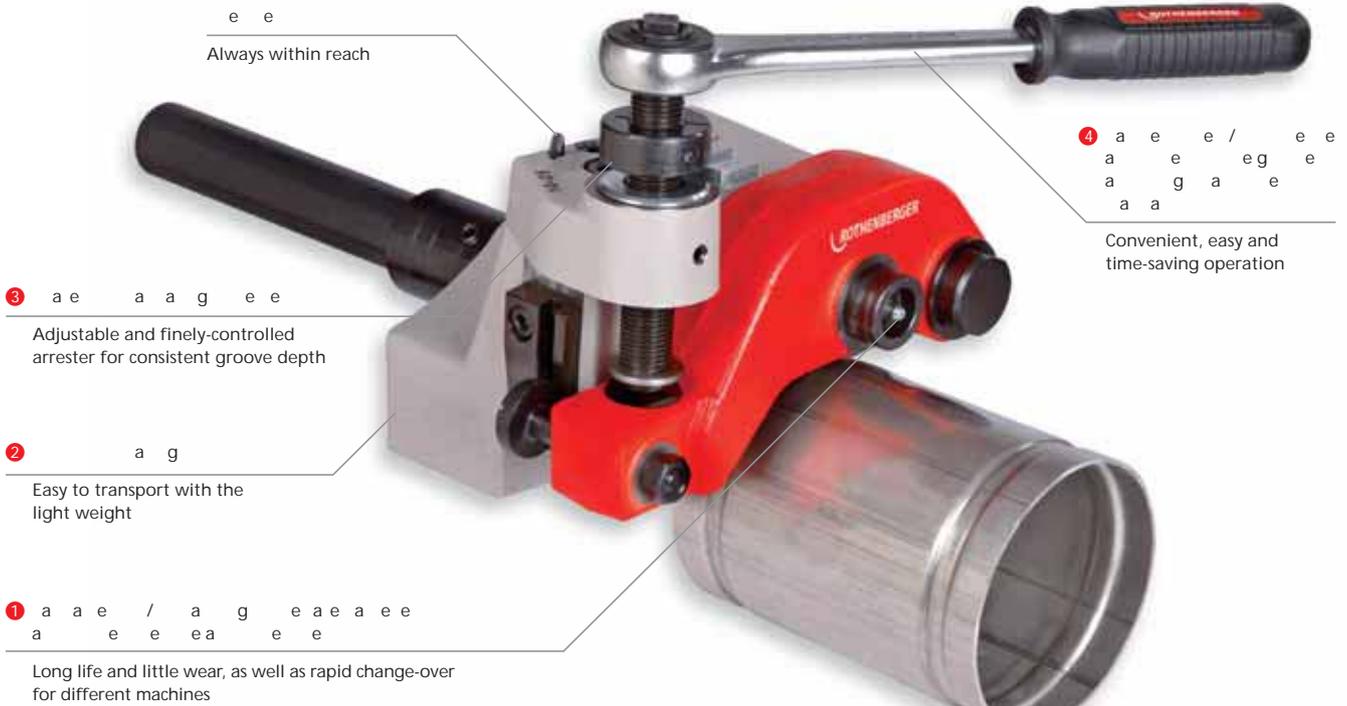


Product Profile

- Quick connection of pipes anywhere where welding is not allowed!
- ① Long life and little wear
- ② Easy to transport with the light-weight aluminium casing
- ③ Adjustable and finely-controlled arrester for consistent groove depth
- ④ Convenient, easy and time-saving operation

Pressure grooving machine ER 6 150 mm diameter grooving machine allows for use with the threads:

S PERTRONIC 2000	ROPOWER 50 R
S PERTRONIC 2 SE	S PERTRONIC 3 SE
S PERTRONIC 4 SE	



Professional application with threader for the production of grooves



Cost-effective production of grooves



Pipe with grooves



Detailed view



Model	Weight (kg)	Length (m)	No.
ROGROO ER for S PERTRONIC 2000	14.5	1	5 6509
ROGROO ER for ROPOWER 50 R, SC 2 SE, RE 2"	14.5	1	5 6505
ROGROO ER for S PERTRONIC 3 SE and RE 3"	14.5	1	5 6506
ROGROO ER for S PERTRONIC 4 SE	14.5	1	5 6507
ROGROO ER for Ridgid 300	16.0	1	5 6504
ROGROO ER for RE 4"	14.5	1	5 6508

Accessories	No.
Support rail 2"	5 6510
Support rail 3"	5 6511
Support rail for Asada 4S"	5 6512
Support rail for RE 4"	5 6513
Seating adaptor S PERTRONIC	5 6514
Pressure roller set 1" for ROGROO ER	5 6521
Pressure roller set for ROGROO ER 1.1/4 - 1.1/2"	5 6522
Pressure roller set for ROGROO ER 2 - 6"	5 6523
Tripod workbench	7 0751

Pipe Supporting Column

Adjustable height, from 0 up to 1200 mm with ball track



odel	Height / mm	kg	No.
For pipes up to 6"	0 - 1200	2.5	5 6047

Hemp Dispenser

Practical, quick and economical to use. Saves material and protects hemp from dirt. The amount removed is dependent on the thread dimension. Suitable for mounting on a wall or workbench.



odel	L mm	g	No.
Hemp dispenser, chrome-plated	300	6 5080	
Hemp spool, combed quality	100	0 6 5081	

Replacement Safety Foot Switch

Complies with industrial associations' safety and accident prevention requirements

- Complies with industrial associations' safety and accident prevention requirements
- With oil-proof rubber cable and plug
- Foot switch should not be pushed all the way down



odel	Height / mm	kg	No.
3 step, with emergency stop switch, 230 volt		2.5	5 6335



Pipe Roughing Wrench 3/8 - 2

Wrench is steel forged, with hardened rolls. Consistent, thread-saving roughing of the entire area.



odel	L mm	kg	No.
Pipe Roughing Wrench	335	1.15	5 6500
Replacement roughing rolls 3 pc.		0.30	5 6501

NIPPLE MAX

PP 1/2 - 2

For the production of nipples and double nipples, grips short pipe lengths from within hardened, sharpened gripping jaws. For all stationary threading machines.

- Recycling pipe scraps saves money, material and time
- Automatic quick grip of the pipe piece without the need for additional tools
- Pipes are gripped from within and centred: No damage to pipe piece



Fig. NIPPLE MAX Set

Set (No. 5.6056) includes: Nipple chuck 1/2" (No. 5.6060), 3/4" (No. 5.6061), 1" (No. 5.6062), 1.1/4" (No. 5.6063), 1.1/2" (No. 5.6064), steel carrying case (No. 2.6410)

odel	kg	No.
NIPPLE A Set		
1/2 - 3/4 - 1 - 1.1/4 - 1.1/2"	4.4	5 6056
Nipple chuck 1/2"	0.4	5 6060
Nipple chuck 3/4"	0.5	5 6061

odel	kg	No.
Nipple chuck 1"	0.	5 6062
Nipple chuck 1.1/4"	0.	5 6063
Nipple chuck 1.1/2"	0.9	5 6064
Nipple chuck 2"	1.2	5 6065

Stationary Threaders

COLLINS CLASSIC 22 / RHINO 4



Heavy-duty threading machine for professional mobile and stationary use

Product Profile

PP

For the hardest, long term preparatory and serial production requirements in the workshop and on-site, in trade and industry, for pipeline construction as well as for sanitary and heating installations

- Only one Die head is needed to cut BSPT right / left, BSPP and metric thread types
- Easy to use with simple and quick change of Dies
- Simple and clear operation, easy to use
- Versatile work with the adjustable auto thread length and thread depth
- Long service life with the HSS Precision Dies, with easy first cut

For the threading of:

P g	1/2 - 4"
P	1/2 - 4"
PP	1/2 - 4"
e ea	12 - 52 mm
P e e a	, runs R/L
e a e a a e	DE and CEE
standards	
g g ee	
6	for higher torque
e a e	, security stop switch, over-run stop
e a a e	
g	

SUPER GRIP Chucking System

Centred and absolute no-slip grip

Easy to maintain

Easy maintenance

Cooling / Lubrication

Easy maintenance

Optimal cooling and lubrication

Easy to empty

Easy to empty

Easy to empty

Easy to empty

Precise guiding

Precise cutting and deburrer



SUPER SUPER GRIP detailed view



SUPER GRIP pipe chuck system



Stationary Threaders

COLLINS CLASSIC 22 A

ea g 2



Product Profile

Power	1 00 Watt
Speed	2 m ¹
Weight	133 kg
Dimensions	960 x 400 x 400 mm

Product Code

Scope of delivery: COLLINS CLASSIC 22 A Set with UNIQUAD die head 1/8 - 2" (No. 5.7015), HSS dies 1/2 - 3/4" (No. 5.7022), 1 - 2" (No. 5.7025), safety foot switch (No. 5.6335), tool, (without transport stand No. 5.7005)

Model	Weight (kg)	230V	110V
With Standard Head	133	5 7070	5 7071

Model	Weight (kg)	No.	Model	Weight (kg)	No.
Deburrer up to 2", conical, with 5 blades	1.20	5 7011	Replacement cutting wheel for pipe cutter	0.04	5 7010
Transport stand, full rubber tyres	24.20	5 7005	Safety foot switch, 230	2.36	5 6335



COLLINS RHINO 4 Set

ea e 4



Product Profile

Power	2 00 Watt
Speed	25 m ¹
Weight	216 kg
Dimensions	1050 x 610 x 560 mm

Product Code

Scope of delivery: COLLINS RHINO 4" Set with UNIQUAD die head 1/8 - 2" (No. 5.7015), Quadmatic Die Head 2.1/2 - 4" (No. 5.7016) HSS dies 1/2 - 3/4" (No. 5.7022), 1 - 2" (No. 5.7025), 2.1/2 - 4" (No. 5.7024), Safety foot switch, (No. 5.6335), tool (without transport stand No. 5.7105)

Model	Weight (kg)	230V	110V
With Standard Head	216	5 7100	5 7101



Description	Weight (kg)	No.	Description	Weight (kg)	No.
Safety foot switch, 230	2.36	5 6335	Pipe roughing wrench	335	5 6500
Cutting fluid	87		Deburrer up to 2", conical with 5 blades	1.20	5 7011
High-performance die heads	98		Deburrer up to 4", bladed with 2 blades	0.0	5 7111
Precision dies	98		Replacement cutting wheel for pipe cutter	0.04	5 7110
NIPPLE A	95		Transport stand, full rubber tyres	24.20	5 7105

Die Heads and Dies for Stationary Threaders

High-Performance Die Heads

22 a 4

For pipe threads 1/ - 4" and for bolt threads 6 - 52

Product Profile

- Simple and quick change of Dies without complication calibration
- Automatic lubrication through the Die head guarantees constant cutting oil film on the pipe surface and a long life for the dies



Model UNIQUAD



Model QUADMATIC



Model Automatic

Die head thread type	Cutting range	also suitable for dies	A Standard	300 PR Auto	COLLINS CLASSIC Standard	COLLINS RHINO Standard	kg	No.
P	1/ - 2"	BSPP 1/ - 2" 6 - 52 mm	●	○	●	●	5.1	5 7015
P	2.1/2 - 4"	BSPP 2.1/2 - 4"				●	1.9	5 7016
P a	1/2 - 2"	BSPP 1/2 - 2"	○	●	○	○	4.	5 7017
P	1/ - 2"		○	○	○	○	4.9	5 7018
P	2.1/2 - 4"					○	1.2	5 7117
P a	1/2 - 2"		○	○	○	○	5.1	5 7019

● included ○ optional Die not included

Precision Die Heads

22 / 4 only available in 4 pc. / set

Thread type size	Thread per Inch	for die head	g	No.
- e P g				
1/ " 2		5. 015	660	5 7020
1/4 - 3/ " 19		5. 015	660	5 7021
1/2 - 3/4" 14	5. 015	5. 01	630	5 7022
1 - 2" 11		5. 01	590	5 7025
2.1/2 - 4" 11		5. 016	2 00	5 7024
- e P e				
1/2 - 3/4" 14	5. 015	5. 01	630	5 7081
1 - 2" 11		5. 015	590	5 7082
- e P				
1/ " 2		5. 01	460	5 7060
1/4 - 3/ " 1		5. 01	460	5 7061
1/2 - 3/4" 14	5. 01	5. 019	460	5 7062
1 - 2" 11	5. 01	5. 019	460	5 7063
2.1/2 - 4" 11		5. 11	3200	5 7064
- e PP				
1/ " 2		5. 015	460	5 7030
1/4 - 3/ " 19		5. 015	460	5 7031
1/2 - 3/4" 14	5. 015	5. 01	460	5 7132
1 - 2" 11	5. 015	5. 01	460	5 7133
2.1/2 - 3" 11		5. 016	2300	5 7134
3.1/2 - 4" 11		5. 016	2300	5 7135

- Technically perfect, high material quality and precise workmanship guarantee easy cutting, clean threads and extremely long service life
- Optimised cutting geometry and outstanding chip discharge

Thread type size	Thread - pitch	for die head	g	No.
- e e				
6 mm	1.00	5. 015	00	5 7131
mm	1.25	5. 015	690	5 7032
10 mm	1.50	5. 015	6 0	5 7033
12 mm	1. 5	5. 015	660	5 7034
14 mm	2.00	5. 015	650	5 7035
16 mm	2.00	5. 015	650	5 7036
1 mm	2.50	5. 015	640	5 7037
20 mm	2.50	5. 015	640	5 7038
22 mm	2.50	5. 015	590	5 7039
24 mm	3.00	5. 015	620	5 7041
2 mm	3.00	5. 015	600	5 7042
30 mm	3.50	5. 015	5 0	5 7043
33 mm	3.50	5. 015	5 0	5 7044
36 mm	4.00	5. 015	560	5 7055
39 mm	4.00	5. 015	560	5 7045
42 mm	4.50	5. 015	500	5 7046
45 mm	4.50	5. 015	450	5 7056
4 mm	5.00	5. 015	450	5 7057
52 mm	5.00	5. 015	450	5 7058

TIGER SAW Electronic

Powerful and quick-cutting universal saw for professional use in installation, demolition and repair work



Product Profile

PP

Ideal for free-hand cutting of wood also with nails, steel, stainless steel, cast iron, steel plate, metal pipes and sections, plastics and building materials. For working flush with the wall, in shafts and overhead.

- 1 Exact cutting of metals with horizontal stroke and for quick cutting of softer materials with orbital stroke
- 2 Optimal rpm 0 - 2600 min-1
- 3 Powerful motor 1200 Watt
- 4 Secure guiding of the saw
- 5 Quick, tool-free blade change



1 Exact cutting of metals with horizontal stroke and orbital stroke for the quick cutting of softer materials

2 Optimal rpm

3 1200 W High torque

5 Quick, tool-free blade change

Powerful and quick-cutting universal saw for professional use in installation, demolition and repair work



4 Precise guiding of the saw



Fig. TIGER SAW electronic set

Set (No. 86.5700 / 86.5710) includes: TIGER SAW Electronic, 5 x HSS bimetal saw blades, plastic carrying case

Model	Weight (kg)	230 V	110 V
TIGER SAW in case	6.5	86 5700	86 5710
TIGER SAW without accessories	4.2	86 5701	86 5711

L-shaft adaptor
Exact cutting of metals



Work in confined spaces



Reciprocating Saw Blades

UNI ERSAL HSS Bi-Metal / HM TIGER SAW BLADES

1/2 e a ea g a a e e
a a a g e e



Cutttable materials	L x W x thickness materials	mm	TPI		reference		No.		
		HSS Bimetal	100 x 20 x 0.9	24	L	S 522 AF	1 5	86 5783	
		HSS Bimetal	150 x 20 x 0.9	24	L	S 922 AF	1 5	86 5784	
		HSS Bimetal	150 x 20 x 0.9	1	L	S 922 EF	1 5	86 5785	
		HSS Bimetal	150 x 20 x 0.9	14	L	S 922 BF	1 5	86 5786	
		HSS Bimetal	200 x 20 x 0.9	1	L	S 1022 EF	1 5	86 5787	
		HSS Bimetal	200 x 20 x 0.9	14	L	S 1022 BF	1 5	86 5788	
		HSS Bimetal	300 x 20 x 0.9	10 - 14	L	S 1222 F	1 5	86 5789	
		HSS Bimetal	150 x 20 x 1.25	6	L	S 611 DF	1 5	86 5781	
		HSS Bimetal	300 x 20 x 1.25	6	L	S 1411 DF	1 5	86 5782	
		HSS Bimetal	150 x 22 x 1.6	- 10	L	S 920 CF	1 5	86 5790	
		HSS Bimetal	200 x 22 x 1.6	- 10	L	S 1120 CF	1 5	86 5791	
		H coated	225 x 20 x 1.5	30er grain	L	S 1130 RF	1 5	86 5793	

HSS Bi-Metal

e a a a e e a g

Suitable ROTHENBERGER-ROTIGER ARIO, RE S, ROLLER, RIDGID, for quick and exact, right-angle sawing of steel pipes up to 4" with chain pipe clamp absolutely necessary

Cutttable materials	L x W x thickness materials	mm	TPI		reference		No.	
		HSS Bimetal	140 x 25 x 1.6		S 920 CF	1 5	86 5795	
		HSS Bimetal	200 x 25 x 1.6		S 1120 CF	1 5	86 5796	
		HSS Bimetal	150 x 25 x 1.0	10 - 14		1 5	86 5798	
		HSS Bimetal	200 x 25 x 1.0	10 - 14		1 5	86 5799	

Special Pipe Saw Blades

For exact, right-angle sawing with chain pipe clamp absolutely necessary , extra strong and warp resistant guidance for straight cuts and long operational life

Cutttable materials	L x W x thickness materials	mm	TPI			No.		
		HSS	140 x 25 x 1.6		L	1 5	5 0260	
		HSS	200 x 25 x 1.6		L	1 5	5 0261	
		HSS	290 x 25 x 1.6	6 -	L	1 5	5 0263	
		HSS-E	140 x 25 x 1.6	14	L	1 5	5 0264	
		HSS-E	200 x 25 x 1.6		L	1 5	5 0265	
		HSS	200 x 25 x 1.6	6 -	L	1 5	5 0266	

5 in plastic carrying case minimum purchase

PORTACUT 185 BSR / BSP

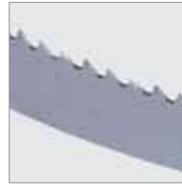
Product No. 185 - 180



- Light, precise band saw for building sites and workshops
- For quick and precise angled cutting of steel pipes, plastic pipes, profiles and solid materials

Equipped with the 420 W induction motor
 Equipped with the automatic shut-off and overload protection
 Equipped with the 4-way adjustable cutting pressure

Band saw blade



PORTACUT 185 BSR



PORTACUT 185 BSP

Cutting power Machine Type	Straight Cuts		45° Cuts	
	Ø mm	□ mm	Ø mm	□ mm
185 BSR	100	150		
185 BSP	100	150	5	5

PORTACUT 185 BSR

- With safety chain quick-grip system

PORTACUT 185 BSP

- With parallel vice for clean, exact cuts and mitred cuts up to 45°

Scope of delivery: PORTACUT 185 BSR and/or. BSP, 2 band saw blades HSS BI-Metal 14 TPI (No. 5.6605)

Model	Weight (kg)	230 V	110 V
PORTACUT 185 BSR	43.0	5 6710	5 6717
PORTACUT 185 BSP	49.0	5 6711	5 6718

Band Saw Blades for PORTACUT 185 BSR / BSP

Dimensions mm	TPI	Material	for pipes and profiles		Weight (kg)	No.	
			Steel	INO			
1640 x 13 x 0.65		SS	starting from	10.0 mm	-	100	5 6602
1640 x 13 x 0.65	10	SS	starting from	10.0 mm	-	100	5 6603
1640 x 13 x 0.65	14	SS	starting from	6.1 mm	-	100	5 6604
1640 x 13 x 0.65	14	Bimetal	starting from	6.1 mm	from 4.0 mm	100	5 6605
1640 x 13 x 0.65	24	SS	up to	3.6 mm	to 1.6 mm	100	5 6607
1640 x 13 x 0.65	1	Bimetal	up to	3.6 mm	to 1.6 mm	100	5 6608

TRENNBOY 300

Product No. 300

For cutting of S/L cast iron /steel pipes up to 300 mm, profiles / solids up to 100 mm. For use with market-standard angle grinders and cut-off wheels 230 mm (not included in delivery)

- For quick, precise, right-angled cutting
- Basic model with right and left telescopic extension
- Extendable to a total support length of 1600 mm
- Mountable as desired with "C" clamp
- Easy mounting of the angle grinder with the toggle screw

Model	Weight (kg)	No.
TRENNBOY 300 without angle grinder	13.5	5 8520
Double telescoping extension rail, right	1.9	5 8527
Double telescoping extension rail, left	1.9	5 8528
"C" clamp	0.4	5 8529



Fig.: TRENNBOY 300 (No. 5.8520) with double telescoping extension rail, right (No. 5.8527) and left (No. 5.8528), "C" clamp (No. 5.8529) Angle grinder and cut-off wheel (not included in delivery)

Pipe Cutters

PIPECUT 170 / 170 E / 200 U / 360 PRO

P a e e g e 15 - 360



Product Profile

PP

Ideal one-man portable cutting system, suitable for: Steel, copper, cast iron, aluminium, stainless steel and plastic
 P P 170 / 200 up to 12 mm, P P 360 P up to 2 mm wall thickness .

For the quick cutting of pipes up to max. mm wall thickness, from 15 - 10 mm P P 170 and/or 20 - 220 mm P P 200 and/or 5 - 360 mm P P 360 P .

The P P 170 e also includes a 6-step adjustable cutting speed, which is suitable for processing stainless-steel pipes

- 1 Self-guiding saw blade, guarantees perfect 90° cuts
- 2 No deburring required
- 3 Highest work safety with hidden cutting disc
- 4 Cutting possible even in the smallest spaces
- 5 Minimal spark generation
- 5 No heat insertion in the cutting material
- 5 No corrosion on cutting material



a e ee

5 ea e e g a e a

Reduces spark generation, corrosion and protects the surrounding working area (no fire risk)

4 g e g

Easy cutting in even the smallest spaces

3 e g

Safety feature

e a e

Stops the disc and turns off the machine

1 e - g g a a e

Guarantees perfect, 90° cuts



Fig. PIPECUT 200 U

2 a a e-a e

No deburring required



Set (No. 5.6712) includes: Saw, nylon handle bag, 3 supports and TCT disc HM

PIPECUT 170 / 170 E



PIPECUT 200 U



PIPECUT 360 Pro



Complete view 360 Pro



PIPECUT 170 / 170 E

Product range 15 - 170

Product range

	170	170 E
Working area	15 - 10 mm	15 - 10 mm
Blade thickness	6 mm	6 mm
Blade width	14 mm	16 mm
Power	230 / 50 - 60 Hz	230 / 50 - 60 Hz
Power	1000	1200 W
Speed	3 00 min ⁻¹	1500 - 3500 min ⁻¹
Blade diameter	140 mm	140 mm
Blade width	62 mm	62 mm



Set (No. 5.6771 / 5.6770) includes: Saw, nylon handle bag, 3 supports and TCT disc

Model	Working area	Weight (kg)	No.	Model	Weight (kg)	No.
PIPECUT 170 230	15 - 10	5.0	5 6770	Diamond disc 140 x 62 cast / S L	0.1	5 6706
PIPECUT 170 Electronic Control 230	15 - 10	5.0	5 6771	TCT disc H 140 x 62 universal	0.1	5 6704
Ceramic disc 140 x 62 special stainless steel		0.1	5 6705			

PIPECUT 200 U

Product range 20 - 220

Working area	20 - 220 mm
Blade thickness	12 mm
Blade width	12 mm
Power	110 / 230 / 50 - 60 Hz
Power	1100 W
Speed	4000 min ⁻¹
Blade diameter	140 mm
Blade width	62 mm



Set (No. 5.6712) includes: Saw, nylon handle bag, 3 supports and TCT disc HM

Model	Working area	Weight (kg)	No.	Model	Weight (kg)	No.
PIPECUT 200 230	20 - 220	9.4	5 6712	Diamond disc 140 x 62 cast / S L	0.1	5 6706
PIPECUT 200 110	20 - 220	9.4	5 6719	TCT disc H 140 x 62 universal	0.1	5 6704
Replacement support for 200		0.2	5 6708	Ceramic disc 140 x 62 special stainless steel	0.1	5 6705

PIPECUT 360 Pro

Product range 75 - 360

Working area	5 - 360 mm
Blade thickness	2 mm
Blade width	2 mm
Power	110 / 230 / 50 - 60 Hz
Power	1400 W
Speed	4000 min ⁻¹
Blade diameter	165 mm
Blade width	62 mm



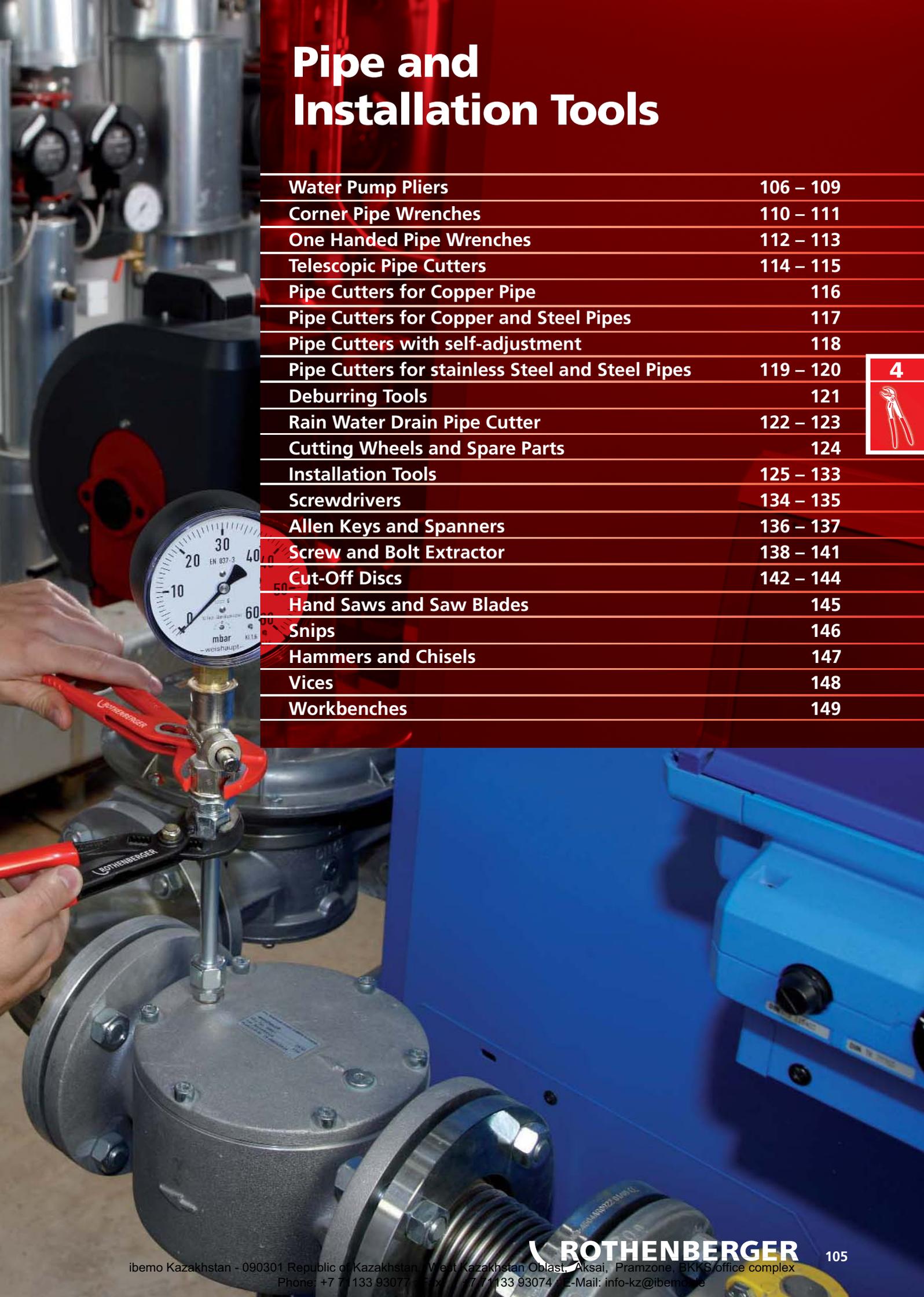
Set (No. 5.6713 / 5.6714) includes: Saw, nylon handle bag, 4 supports and TCT disc HM

Model	Working area	Weight (kg)	No.	Model	Weight (kg)	No.
PIPECUT 360 Pro 230	5 - 360	13.2	5 6713	Replacement support for 360 Pro double	0.6	5 6729
PIPECUT 360 Pro 110	5 - 360	13.2	5 6714	Disc 165 x 62 for 360 Pro plastic	0.2	5 6703
Replacement support for 360 Pro		0.3	5 6728	Diamond disc 140 x 62 cast / S L	0.1	5 6706
TCT disc H 140 x 62 universal		0.1	5 6704	Ceramic disc 140 x 62 special stainless steel	0.1	5 6705



Pipe and Installation Tools

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Water Pump Pliers

ROFASTLOCK

Fast adjusting water pump pliers



Product Profile

KEY FEATURES

- 1 Ideal with 50% faster calibration and twice the number of adjustable positions (14)
- 2 Easily adjustable by pressing the button
- 3 Reliable, zero-play and positioning is gentle on material
- 4 Extremely durable (61 HRC)
- 5 Gripping and holding of rounded, squared and flat workpieces

TECHNICAL DATA

Chrome vanadium steel, tempered, drop forged with heavy-duty box joint
Polished head and joint
Double hardened jaws, extremely durable (61 HRC)
Patent-pending, closed positioning system for reliable, zero-play and gentle positioning
Safety lock prevents unintentional opening

4

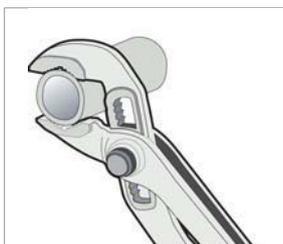


Optimal positioning on the workpiece



Model	inch / mm	inch / mm	No.		
ROFASTLOCK	7" / 175	1"/28	1	6	7.0531
ROFASTLOCK	10" / 250	1.1/4"/32	1	6	7.0532
ROFASTLOCK	12" / 300	1.1/2"/42	1	6	7.0533
ROFASTLOCK	Display		1(10)		7.0532D
ROFASTLOCK 7"	with hanger		1		7.0531E
ROFASTLOCK 10"	with hanger		1		7.0532E
ROFASTLOCK 12"	with hanger		1		7.0533E

Grips pipes



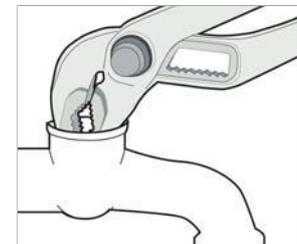
Grips hexagonal



Grips sheets



Grip in confined spaces



Water Pump Pliers

ROGRIP

Self-positioning multi-purpose pliers



Product Profile

KEY FEATURES

- 1 Automatic fit on a wide range of materials up to \varnothing 42 mm, with one handed operation, even for larger pipe diameters
- 2 Optimum force transmission
- 3 Firm grip on any surface, even under the toughest conditions

TECHNICAL DATA

Chrome vanadium steel
Drop forged steel
Double hardened teeth



No. 7.0558D

Model	inch / mm	inch / mm	g		No.
ROGRIP 10"	10" / 250	1.5/8" / 42	475	1 6	7.0558

Grips pipes



Grips hexagonal



Grips sheets



Grips installation connections



Water Pump Pliers

Water Pump Pliers SP

Complies with DIN 5231 D, with heavy-duty box joint, chrome vanadium steel, drop forged, tempered, polished head and joint



Product Profile

KEY FEATURES

- 1 Ideal for hard-to-reach places with the longer, thinner pliers head with measurements favourable for corners
- 2 Optimum grip for reliable hold of pipes, flat objects, squared and hexagonal screws
- 3 Long service life through induction hardened teeth
- 4 Variable use: 7 size settings
- 5 Non-slip even on smooth surfaces
- 6 Safe use through the crush and clamp guard

TECHNICAL DATA

Complies with DIN 5231 D
Heavy-duty box-joint
Abrasion-resistant surface protection with the epoxy-powder coating
Chrome vanadium Steel
Drop forged, tempered
Polished head and joint



4

2 Asymmetrical gripping surface

Optimum grip with the rhombus-shaped gripping surface

1 Measurements favourable for corners

Ideal for hard-to-reach places

5 Self-clamping jaws

non-slip even on smooth pipes

3 Induction hardened teeth

Long service life and high wear resistance

Ergonomically shaped anti-slip legs

Reliable hold

4 7 size settings (10" and 12"), solid and durable

Variable use

6 Crush and clamp guard

Safe use

2 Optimum grip



No. 7.0529



No. 7.0528



No. 7.0527

inch	mm	max. inch	max. mm	g			No.
7"	175	1"	28	150	1	6	7.0527
10"	250	1.1/4"	32	290	1	6	7.0528
12"	300	1.1/2"	42	460	1	6	7.0529
10" counter display					1(12)		7.0528D

Water Pump Pliers SP Counter Display

Counter display includes 12 water pump plies type SP 10"



No. 7.0528D

							No.
	inch	mm	max. inch	max. mm	kg		
Counter display					3.6	1(12)	7.0528D
10"	250	1.1/4"	32	0.3			

4



Water Pump Pliers Type SPK

KEY FEATURES

- Features similar to type SP, in addition:

**Increased safety:
Plastic covered handles**



								No.
	inch	mm	max. inch	max. mm	g			
7"	175	1"	28	165	1	6		7.0521
10"	250	1.1/4"	32	315	1	6		7.0522
12"	300	1.1/2"	42	475	1	6		7.0523
10" Counter display						1(12)		7.0522D



Grooved Water Pump Pliers CL

Chrome vanadium steel, chrome-plated, drop forged, tempered, polished head and sliding joint, even jaws, **in compliance with DIN 5231 E**

KEY FEATURES

- Completely relieves the joint screw with relief-milled grooves
- No slipping of the joint possible
- Absolutely firm fit in every open position
- Easy, smooth adjustment
- Induction hardened teeth for a long service life
- Crush and clamp guard prevent injuries
- Plastic covered handles



							No.
	inch	mm	max. inch	max. mm	g		
9.1/2"	245	1.1/2"	38	330	6		7.0591
12"	300	2"	60	560	6		7.0592
16"	420	4"	100	1150	6		7.0593



Corner Pipe Wrench

Professional Wrench Sets

Practical tool sets for professionals



No. 7.0124X



No. 7.0123X



No. 7.0122X

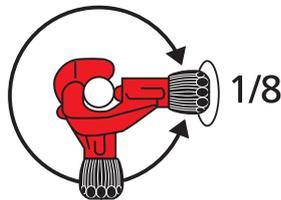
4

Safe grip



No. 40.2311 (optional)

Constant, tight working radius of 123 mm



No. 7.0027

Optimum grip



No. 7.0528

3-part set (No.7.0130X) includes:
Pipe wrench 1" (No. 7.0122X), 1.1/2" (No. 7.0123X), 2" (No. 7.0124X)

4-part set (No. 7.0135X) includes:
Pipe wrench 1" (No. 7.0122X), 1.1/2" (No. 7.0123X), W/P pliers 10" (No. 7.0528),
TUBE CUTTER 35 (No. 7.0027)

3-part set (No. 7.0140X) includes:
Pipe wrench 1" (No. 7.0122X), 1.1/2" (No. 7.0123X), W/P pliers 10" (No. 7.0528)

Model	kg		No.
Set 1 - 1.1/2 - 2"	5.0	1	7.0130X
Set 1 - 1.1/2" + WP Pliers SP 10 + TC 35	3.1	1	7.0135X
Set 1 - 1.1/2" + WP Pliers SP 10"	2.7	1	7.0140X
Tool bag "Trendy"	1.8	1	40.2311

ACCESSORIES



Description	g		No.
Spare cutter wheel for TC 35 CU	100	1(5)	7.0017D

Corner Pipe Wrench 45° "SUPER S"

KEY FEATURES

- Reliable grip and non-slip with teeth set against turning direction, induction hardened
- Double T profile jaws, ideal for clamping different material forms, enables universal application
- Self-clamping: 3-point clamping ensures reliable and firm grip even on smooth pipes

TECHNICAL DATA

Chrome vanadium steel, drop forged, tempered, with reinforced sleeve, polished jaws and a favourable size for corners



inch	mm	inch	mm	g	mm	No.
1/2"	22	10"	250	400	1 18	7.0121X
1"	35	12"	300	810	1 18	7.0122X
1.1/2"	46	16"	420	1.440	1 16	7.0123X

inch	mm	inch	mm	g	mm	No.
2"	65	20"	540	2.440	1 10	7.0124X
3"	80	24"	640	3.400	1 6	7.0125

Corner Pipe Wrench 45°

KEY FEATURES

- Favourable size for corners
- Thin muzzle with thin jaws, 45° angled



inch	mm	inch	mm	g	mm	No.
1/2"	22	10"	250	370	1 8	7.0131X
1"	35	12"	300	740	1 6	7.0132X

inch	mm	inch	mm	g	mm	No.
1.1/2"	46	16"	420	1.340	1 1	7.0133X
2"	65	20"	540	2.400	1 1	7.0134X

Pipe Wrench 90°

KEY FEATURES

- Favourable size for corners
- Thin muzzle with thin jaws, 90° angled



inch	mm	inch	mm	g	mm	No.
1"	35	12"	300	740	1 8	7.0110X
1.1/2"	46	16"	420	1.340	1 6	7.0111X
2"	65	20"	540	2.400	1 6	7.0112X

inch	mm	inch	mm	g	mm	No.
3"	100	24"	640	3.400	1 1	7.0113
4"	140	36"	750	5.600	1 1	7.0114

One Handed Pipe Wrenches

One Handed Pipe Wrench "HEAVY DUTY"

Monoblock cast body with high strength, double T profile, forged jaw and hook, fine polished, teeth set against turning direction, induction hardened, tempered and non-slip adjustment screw

KEY FEATURES

- One-handed ratchet-like use, self-clamping, spring-supported hook
- Quick preset of pipe Ø using scale on hook
- Wearing parts replaceable: Hook and heel jaw can be purchased separately



US-Norm GGG-W-651
Type II Class A



							No. pliers	No. hook	No. jaws
	inch	mm	inch	mm	kg				
8"	200	1/2"	22	0.40	4		7.0150	7.0200	7.0190
10"	250	1.1/2"	49	0.78	4		7.0151	7.0201	7.0191
12"	300	2"	60	1.25	4		7.0152	7.0202	7.0192
14"	350	2"	60	1.68	4		7.0153	7.0203	7.0192
18"	450	2.1/2"	76	2.67	2		7.0154	7.0204	7.0194
24"	600	3"	90	4.32	1		7.0155	7.0205	7.0195
36"	900	5"	140	7.92	1		7.0156	7.0206	7.0196
48"	1200	6"	166	15.80	1		7.0157	7.0207	7.0197

4



One Handed Aluminium Pipe Wrench

KEY FEATURES

- Features similar to HEAVY DUTY
- **Weight savings of approx. 40%:** extremely light, high strength aluminium alloy
- Wearing parts replaceable: hook and heel jaw can be purchased separately



US-Norm GGG-W-651
Type I Class B



							No. pliers	No. hook	No. jaws
	inch	mm	inch	mm	kg				
10"	250	1.1/2"	49	0.48	4		7.0159	7.0201	7.0191
14"	350	2"	60	0.99	4		7.0160	7.0203	7.0192
18"	450	2.1/2"	76	1.63	2		7.0161	7.0204	7.0194
24"	600	3"	90	2.51	1		7.0162	7.0205	7.0195
36"	900	5"	140	5.00	1		7.0163	7.0206	7.0196
48"	1200	6"	166	8.42	1		7.0164	7.0207	7.0197



One Handed Pipe Wrench "STILLSON"

KEY FEATURES

- Features similar to HEAVY DUTY
- Hardened adjustment nut presses onto the handle during use and prevents undesired re-adjustment
- Optimised double-spring construction guarantees quick and firm self-clamping, ensuring secure hold even on smooth pipes



US-Norm GGG-W-651
Type I Class B



							No. pliers	No. hook
	inch	mm	inch	mm	kg			
8"	200	3/4"	27	0.28	1	4	7.0350	7.0374
10"	250	1"	34	0.59	1	4	7.0351	7.0375
12"	300	1.1/4"	43	0.79	1	4	7.0352	7.0376
14"	350	1.1/2"	49	1.04	1	4	7.0353	7.0377
18"	450	2"	60	1.82	1	2	7.0354	7.0378
24"	600	2.1/2"	76	3.08	1	1	7.0355	7.0379
36"	900	3.1/2"	102	5.69	1	1	7.0356	7.0380



One Handed Pipe Wrenches

One Handed Pipe Wrench "OFFSET PATTERN HEAVY DUTY"

KEY FEATURES

- Offset wrench head is ideal for working in confined spaces (e.g. near to the wall)
- One handed ratchet-like use, self-clamping, spring-supported hook
- Quick preset of pipe Ø using scale on hook
- Wearing parts replaceable: hook and heel jaw can be purchased separately



							No. pliers	No. hook	No. jaws
	inch	mm	inch	mm	g				
10"	250	1.1/2"	49	750	4	7.0166	7.0201	7.0191	
14"	350	2"	60	1460	4	7.0167	7.0203	7.0192	

One Handed Corner Pipe Wrench 90°

KEY FEATURES

- Features similar to „HEAVY DUTY“
- **Weight savings of approx. 40%:** extremely light, high strength aluminium alloy



							No. pliers	No. hook	No. jaws
	inch	mm	inch	mm	g				
14"	350	2"	60	890	1	7.0115	7.0203	7.0192	
18"	450	2.1/2"	76	1490		7.0116	7.0204	7.0194	

Chain Pipe Wrench 4" R/L

KEY FEATURES

- Profile handle made of drop forged chrome vanadium steel, polished head with hardened special tooth system, powerful chain made of tempered special steel
- Double-sided teeth surface set against the turning direction for use in both directions without re-inserting



							No.
	max. inch	max. mm	inch	mm	g		
4"	115	12"	300	780	1	4	7.0235

Chain Pipe Wrench "HEAVY DUTY"

Very robust model for the toughest conditions, proven in pipeline construction, jaws and handle are forged, jaws are replaceable

KEY FEATURES

- Strong chain made of tempered special steel – fits every cross-section
- Double-sided tooth system for ratchet-like use, for right and left-handed operation



			jaws			No. pliers	No. jaws
	max. inch	max. mm	width mm	mm	kg		
1.1/2"	49	38	350	1.4	7.0242	7.0571	
2.1/2"	76	52	690	3.5	7.0243	7.0572	
4"	115	63	940	6.7	7.0244	7.0573	

			jaws			No. pliers	No. jaws
	max. inch	max. mm	width mm	mm	kg		
6"	166	78	1120	12.6	7.0245	7.0574	
8"	220	80	1280	17.2	7.0246	7.0575	
12"	324	84	1630	24.2	7.0247	7.0576	



Telescopic Pipe Cutter

TUBE CUTTER 35 / 42 Pro

Telescopic pipe cutter for exact cutting of pipes
 Ø 6 - 42 mm (1/4 - 1.5/8")



Product Profile

KEY FEATURES

- 1 Optimal for confined spaces
- 2 Precise cut with the exact telescopic guide
- 3 Quick adjustment of the working area
- 4 Spare cutter wheel in handle
- 5 Cuts near to flares are possible
- 6 Retractable internal pipe deburrer
- Strong and extremely stable

TECHNICAL DATA

TC 35 / TC 42

For copper, brass, aluminium, thin-walled steel pipes
 TC 35 Ø 6 - 35 mm / TC 42 Ø 6 - 42 mm

TC 35 MSR / TC 42 Pro MSR

PE, PP, PVDF, plastic coated pipes, PVC hard plastic pipes
 TC 35 MSR Ø 6 - 35 mm / TC 42 Pro MSR Ø 6 - 42 mm

INOX TC 35 / INOX TC 42 Pro

Stainless steel pipes
 INOX TC 35 Ø 6 - 35 mm / INOX TC 42 Ø 6 - 42 mm

4



Metal casing with DURAMANT® coating:
 Strong and extremely stable



For copper and aluminium



For MSR-pipes



For INOX (Stainless Steel)-pipes



For refrigeration technology



Telescopic Pipe Cutter

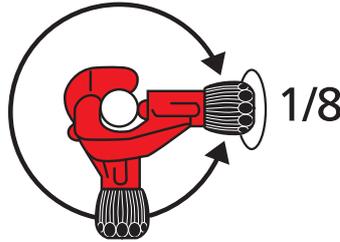
TUBE CUTTER 35 DURAMAG® Counter Display

Includes 6 TUBE CUTTER 35 DURAMAG®



- Improved performance
- Higher stability with noticeably less weight

**100% magnesium body
= 30% lighter**



Constant, tight working radius
of 123 mm



No. 7.0027DB



Model	mm	inch	g	mm	No.
TUBE CUTTER 35 DURAMAG (Cu, brass, Al, thin-walled pipe)	6 - 35	1/4" - 1.3/8"	255	1 4	7.0027
TUBE CUTTER 35 DURAMAG Display	6 - 35	1/4" - 1.3/8"	1,700	6	7.0027DB
TUBE CUTTER 35 C (for refrigeration)	6 - 35	1/4" - 1.3/8"	470	1 4	7.0027C
TUBE CUTTER 35 DURAMAG MSR	6 - 35	1/4" - 1.3/8"	470	1 4	7.0108
TUBE CUTTER 42 PRO (Cu, brass, thin-walled steel pipe)	6 - 42	1/4" - 1.5/8"	540	1 4	7.0029
TUBE CUTTER 42 PRO MSR	6 - 42	1/4" - 1.5/8"	540	1 4	7.0109
TUBE CUTTER 42 PRO PVC	6 - 42	1/4" - 1.5/8"	540	1 4	7.0072
INOX (Stainless steel) TUBE CUTTER 35 PRO DURAMAG	6 - 35	1/4" - 1.3/8"	470	1 4	7.0055
INOX (Stainless steel) TUBE CUTTER 42 PRO	6 - 42	1/4" - 1.5/8"	540	1 4	7.0070

ACCESSORIES

Description	No.
Internal/external deburrer	121 7.0075
GRATFIX	121 2.1655
UNIGRAT	121 2.1660
Spare cutter wheel	124



ROTRAC 28 / 42 PLUS

High-precision pipe cutter
Ø 3 - 42 mm (1/8 - 1.5/8")



Ergonomic ball handle

KEY FEATURES

- Constant working radius
- Cast aluminium design
- Protection of the cutter wheel with the rolling stop
- Retractable internal deburrer and spare cutter wheel in handle
- Protected screw spindle – protection against dirt and jamming



Ball handle

Especially handy and
easy to turn

Model	mm	inch	g	No.	Description	g	No.
TUBE CUTTER 28	3 - 28	1/8 - 1.1/8"	220	7.0010	Spare cutter wheel (contains 5 pcs.) Cu, Al, brass	20	7.0007D
TUBE CUTTER 42	6 - 42	1/4 - 1.5/8"	255	7.0011	Spare cutter wheel (contains 1 pc.) stainless steel / INOX	20	7.0007X
ROTRAC 28 PLUS	3 - 28	1/8 - 1.1/8"	220	7.0098	Spare axle	5	7.0080
ROTRAC 42 PLUS	6 - 42	1/4 - 1.5/8"	255	7.0099			

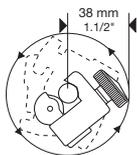
Pipe Cutter for Copper Pipes

MINICUT I PRO/II PRO

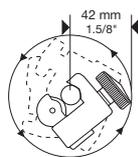
Copper pipe cutter \varnothing 3 - 22 mm (1/8 - 7/8")



No. 7.0401



No. 7.0402



KEY FEATURES

- For copper, brass, aluminium, thin-walled steel pipes
- Handy design with small working radius (38 mm and/or 1.1/2" I PRO/42 mm and/or 1.5/8" II PRO) allows for use in hard-to-reach places
- Effortless pressure control with the large knurled knob and handy design
- Two guide rollers with recess for cuts near flares

Model	mm	inch	g		No.
MINICUT I PRO	3 - 16	1/8 - 5/8"	115	1 4	7.0401
MINICUT II PRO	6 - 22	1/4 - 7/8"	125	1 4	7.0402
MINICUT I PRO Display (incl. 20 x 7.0017)				1(20)	7.0401D
Spare cutter wheel (contains 5 pcs.)			20	1(5)	7.0017D
Spare axle			5	1	7.0041

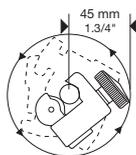
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MINICUT 2000

Copper pipe cutter \varnothing 6 - 22 mm (1/4 - 7/8")

Ergonomic design of body and knob with seating surface for the hand during turning



KEY FEATURES

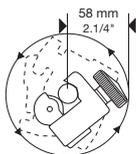
- For copper, brass, aluminium, thin-walled steel pipes
- Handy design with small working radius (45 mm and/or 1.3/4") allows for use in hard-to-reach places
- Effortless pressure control with the large knurled knob and handy design
- Two guide rollers with recess for cuts near flares

Model	mm	inch	g		No.
MINICUT 2000	6 - 22	1/4 - 7/8"	140	1 4	7.0105
Spare cutter wheel (contains 5 pcs.)			20	1(5)	7.0017D
Spare axle			5	1	7.0041

MINI MAX

Copper pipe cutter \varnothing 3 - 28 mm (1/8 - 1.1/8")

Ergonomic design of body and knob with seating surface for the hand during turning



KEY FEATURES

- For copper, brass, aluminium, thin-walled steel pipes
- Handy design with very small working radius (58 mm and/or 2.1/4") allows for use in hard-to-reach places
- Effortless pressure control with the large knurled knob and handy design
- Two guide rollers with recess for cuts near flares

Model	mm	incg	g		No.
MINI MAX	3 - 28	1/8 - 1.1/8"	270	1 4	7.0015
Spare cutter wheel (contains 5 pcs.)			20	1(5)	7.0017D
Spare axle			5	1	7.0041

Pipe Cutters for Copper and Steel Pipe

TUBE CUTTER 30 PRO / 50

Copper pipe cutter Ø 3 - 50 mm (1/8 - 2")

KEY FEATURES

- For copper, brass, aluminium, thin-walled steel pipes
- Retractable internal deburrer and spare cutter wheel in handle
- Two guide rollers with recess for cuts near flares

INOX (Stainless steel)  119



No. 7.1019

Model	 mm	 inch	 g		No.
TUBE CUTTER 30 PRO	3 - 30	1/8 - 1.1/8"	305	1 4	7.1019
TUBE CUTTER 50	12 - 50	1/2 - 2"	520	1 4	7.0065

Model	 mm	 inch	 g		No.
Spare cutter wheel (contains 5 pc.)			20	1	7.0017D
Spare axle			5	1	7.0041

Automatic

Ratchet telescopic pipe cutter Ø 6 - 67 mm (1/4 - 2.5/8")

KEY FEATURES

- For copper, brass, aluminium, thin-walled steel pipes, as well as plastic coated pipes
- Quick adjustment with the ratchet telescopic guide with automatic spring-driven release
- Retractable internal deburrer and spare cutter wheel in handle



No. 7.0030



Model	 mm	 inch	 g	No.
Size 1	6 - 67	1/4 - 2.5/8"	755	7.0030
Size 1 Spare deburring blade			5	2.1652
Size 1 Spare cutter wheel (5 pcs.)			20	7.0017D
Size 2 Spare deburring blade (2 pcs.)			20	7.0057D
Size 2 Spare deburring blade			5	2.1652

Model	 mm	 inch	 g	No.
Size 2	50 - 127	2 - 5"	1850	7.0142
Size 1 Spare axle			20	7.0042
Size 1 Spare deburrer complete			5	7.500041
Size 2 Spare axle			5	7.0149

Chain Pipe Cutter

For pipes Ø 20 - 100 mm (1 - 2")

For copper, brass, aluminium, thin-walled steel pipes, as well as plastic coated pipes, chrome-plated with PVC handles

KEY FEATURES

- Ideal for working in confined spaces, e.g. parallel-running pipe, chrome-plated with PVC handles
- Stable chain with 15 mini cutter wheels, two-step adjustment



Model	 mm	 inch	 g	No.
Chain pipe cutter	20 - 100	1 - 2"	575	7.0285
Spare cutter wheel chain			180	7.0286

ACCESSORIES

Description		No.
Internal/external deburrer	121	7.0075
GRATFIX	121	2.1655
UNIGRAT	121	2.1660
Spare cutter wheel	124	



Pipe Cutter with Self-Adjustment

2 Self-clamping and self-alignment
Prevents the deformation of the pipe

3 Ergonomic form
Less space needed, ideal for hard-to-reach places

4 Non-slip surface
Reliable grip

1 Indicates rotating direction
Quick cutting with just a few turns

Pipe cutting possible near the wall

ROTHENBERGER Plus TECHNOLOGY

ROSLICE

Copper pipe cutter Ø 12 - 22 mm (1/2 - 1.1/8")

Product Profile

KEY FEATURES

- 1 Quick cutting of copper pipes with less turns
- 2 No deformation of the pipe: self-clamping and self-alignment
- 3 Less space required, ideal for hard-to-reach places
- 4 Reliable hold with the non-slip surface



Model	mm/inch	g	No.
ROSLICE	12 mm	240	8.8812
ROSLICE	15 mm	230	8.8815
ROSLICE	18 mm	260	8.8818
ROSLICE	22 mm	250	8.8822
ROSLICE	1/2"	240	8.8830
ROSLICE	5/8"	230	8.8831
ROSLICE	3/4"	260	8.8832
ROSLICE	7/8"	250	8.8833
ROSLICE	1.1/8"	350	8.8834
ACCESSORIES			
Spare cutter wheel	1.1/8", 12 mm	5 36.3	8.8840D
Spare cutter wheel	5/8"-7/8", 15-22 mm	5 34.6	8.8841D
Spare cutter wheel	1/2"-3/4", 18 mm	5 37.4	8.8842D

Instructions:

Click ROSLICE on the pipe, gently press closed and then turn ROSLICE around the pipe (please pay attention to the direction of rotation!).

2 Flexible casing
Allows cutting on somewhat smaller pipes from various manufacturers

3 Ergonomic form
Less space needed, ideal for hard-to-reach places

1 Indicates rotating direction
Immediate use

Non-slip surface
Reliable grip

Spare blades available

Prevents deformation of the pipe

Ideal for hard-to-reach places

ROTHENBERGER Plus TECHNOLOGY

PLASTICUT

Pipe cutter for cutting pipes made out of MDPE, PE, PP, HEP20, P-EX Ø 10 - 50 mm (1.1/4 - 2")

Product Profile

KEY FEATURES

- 1 Quick cutting of plastic pipes with only 1-2 turns
- 2 Flexible casing, allows cutting on somewhat smaller pipes from various manufacturers
- 3 Less space required, ideal for hard-to-reach places
- 4 No deformation of the pipe: self-clamping and self-alignment



Model	mm/inch	g	No.
PLASTICUT plastic	10 mm	40	5.9010
PLASTICUT plastic	15 mm	50	5.9015
PLASTICUT plastic	22 mm	51	5.9022
PLASTICUT plastic	28 mm	60	5.9028
PLASTICUT plastic	35, 1.1/4"	80	5.9035
PLASTICUT plastic	42, 1.1/2"	96	5.9042
PLASTICUT plastic	50, 2"	115	5.9050
ACCESSORIES			
Spare blades plastic	10, 15, 20, 22, 2"	28	5.9001
Spare blades plastic	25, 28, 32, 1.1/4", 1.1/2"	32	5.9002

Instructions:

Click PLASTICUT on the pipe, gently press closed and then turn PLASTICUT around the pipe (please pay attention to the direction of rotation!) After 1-2 turns the pipe is cut.

Pipe Cutters for Steel and Stainless Steel (INOX)

INOX TUBE CUTTER 30 PRO

Stainless steel pipe cutter Ø 3 - 30 mm (1/8 - 1.1/8")

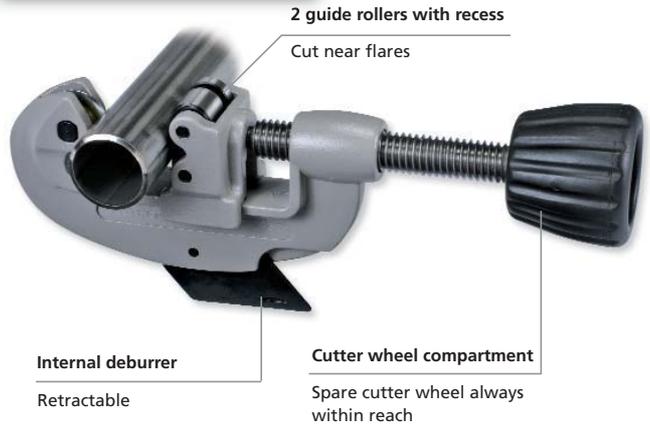
- Retractable internal deburrer and spare cutter wheel in handle
- Two guide rollers with recess for cuts near flares

Precise cutting of stainless steel pipes



Model	mm	inch	g	No.
INOX TC 30 PRO	3 - 30	1/8 - 1.1/8"	305	4 7.1085
Spare cutter wheel (contains 5 pcs.)			20	1(5) 7.0056D
Spare axle			5	7.0041

INOX (Stainless steel)



INOX TUBE CUTTER 35 / 42 PRO

Telescopic pipe cutter Ø 6 - 42 mm (1/4 - 1.5/8")

For exact cutting of stainless steel pipes, features similar to the TUBE CUTTER 35.

KEY FEATURES

- Hardened, special cutter wheel made of high-alloyed steel
- External burr-free cutting
- Stainless steel guide rollers

Model	mm	inch	g	No.
INOX TC 35	6 - 35	1/4 - 1.3/8"	440	7.0055
INOX TC 42 PRO	6 - 42	1/4 - 1.5/8"	510	7.0070
Spare cutter wheel (contains 5 pcs.)			20	7.0056D
Spare deburring blade			10	2.1652

INOX (Stainless steel)



INOX TUBE CUTTER

Ratchet telescopic pipe cutter Ø 10 - 54 mm (1/4 - 2.1/8")

INOX

- Spare cutter wheel in handle
- Two guide rollers with recess for cuts near flares
- Quick adjustment with the ratchet telescopic guide with automatic spring-driven release

Wide rollers for reliable guidance

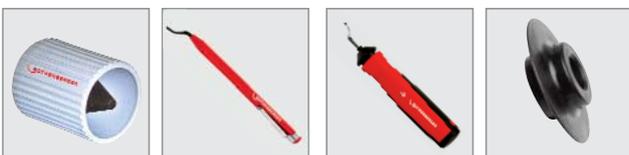


Model	mm	inch	g	No.
INOX TUBE CUTTER	10 - 54	1/4 - 2.1/8"	305	4 7.0340
Spare cutter wheel (contains 5 pcs.)			20	1(5) 7.0341

12 x ball bearings



ACCESSORIES



Description	No.
Internal/external deburrer	7.0075
GRATFIX	2.1655
UNIGRAT	2.1660
Spare cutter wheels	124



Pipe Cutters for Steel and Stainless Steel (INOX)

SUPER 1.1/4" and 2"

Steel pipe cutter Ø 10 - 42 mm (1/4 - 2")

KEY FEATURES (SUPER/INOX SUPER)

- Wide rollers for secure guiding of cutter wheel on pipe
- Easy pressure control for optimum force transmission onto the pipe



INOX SUPER 1.1/4" and 2"

Stainless steel pipe cutter Ø 10 - 42 mm (1/4 - 2")

KEY FEATURES (SUPER/INOX SUPER)

- Long service life with the hardened cutter wheel made of high alloy steel
- Burr-free external cutting allows for immediate thread cutting



INOX

Precise cutting of stainless steel pipes



4



Model	mm	inch	g	No.	Model	mm	inch	g	No.
SUPER 1.1/4"	10 - 42	1/4 - 1.1/4"	1040	7.0040	INOX SUPER 1.1/4" 10 - 42	10 - 42	1/4 - 1.1/4"	1040	7.0086
SUPER 2"	10 - 60	1/8 - 2"	2155	7.0045	INOX SUPER 2" 10 - 60	10 - 60	1/8 - 2"	2155	7.0087
1.1/4" Spare cutter wheel (contains 3 pcs.)			20	7.0046D	1.1/4" Spare cutter wheel (contains 2 pcs.)			20	7.0088D
1.1/4" Spare axle			5	7.0048	1.1/4" Spare axle			5	7.0048
2" Spare cutter wheel (contains 3 pcs.)			20	7.0051D	2" Spare cutter wheel (contains 2 pcs.)			20	7.0089D
2" Spare axle			5	7.0053	2" Spare axle			5	7.0053

ENORM 4"

Steel pipe cutter Ø 60 - 115 mm (2 - 4")

KEY FEATURES

- Wide rollers for secure guiding of cutter wheel on pipe
- Easy pressure control for optimum force transmission onto the pipe

KEY FEATURES

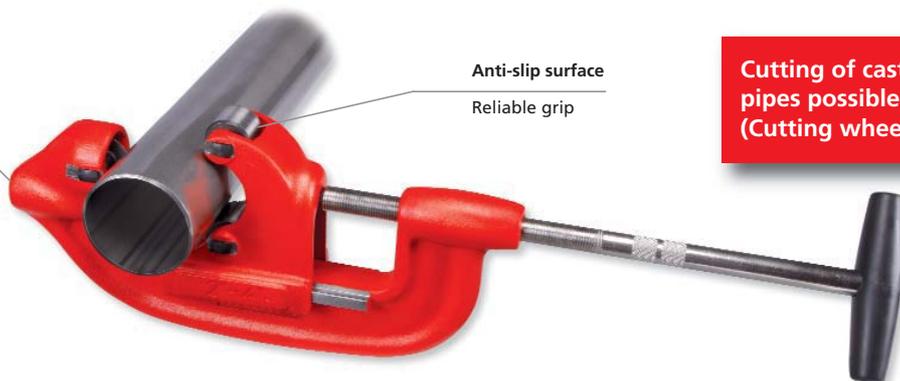
- Long service life with the hardened cutter wheel made of high alloy steel
- Burr-free cutting allows immediate thread cutting



Thread for handle



Handle (included in delivery)

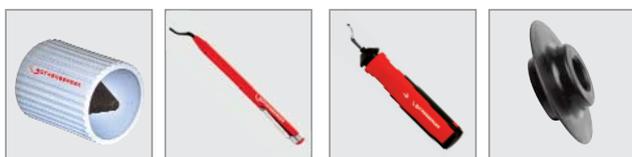


Anti-slip surface
Reliable grip

Cutting of cast pipes possible!
(Cutting wheel optional)

Model	mm	inch	g	No.	Description	g	No.
ENORM 4"	60 - 115	2" - 4"	7105	7.0060	Spare cutter wheel (contains 2 pcs.)	20	7.0061D
Special cutter wheel for cast pipes			20	7.0066	Spare axle	5	7.0064

ACCESSORIES



Description	No.
Internal/external deburrer	121 7.0075
GRATFIX	121 2.1655
UNIGRAT	121 2.1660
Spare cutter wheel	124

Universal Internal and External Deburrer

Quick and easy deburring \varnothing 4 - 54 mm (1/8 - 2")

For copper, steel and stainless steel pipes, with polished cutting blade made of hardened special steel, smooth running



No. 7.0075



No. 1.1006X



No. 1.1006

Model	mm	inch	g		No.
Internal and external deburrer for copper and plastic	4 - 36	1/8 - 1.3/8"	30	1 25	1.1006
Internal and external deburrer for copper and INOX (Stainless steel)	6 - 35	1/4 - 1.3/8"	100		1.1006X
Universal internal and external deburrer for copper and INOX	10 - 54	1/2 - 2"	390		7.0075

Ratchet Pipe Deburrer 1/4 - 2"

Rapid and clean deburring

For steel pipes, with smooth ratchet, cutting bit made of tempered steel



Quick adjustment

Handy, lockable adjustment of the ratchet direction

Model	inch	mm	g	No.
Ratchet internal deburrer	1/4 - 2"	13 - 60	2680	7.0289
Spare deburrer			200	7.0296



spare deburrer (No. 7.0296)

GRATFIX HSS/UNIGRAT

Deburrer

- For fast deburring of edges, pipes and sheets
- Replaceable blades
- GRATFIX with plastic cartridge-grip

Model	g	No.
UNIGRAT with HSS deburring blade	30	2.1660
GRATFIX with deburring blade No. 1	50	2.1655
GRATFIX with deburring blade No. 1 - 2 - 3	80	2.1651
ACCESSORIES		
HSS deburring blade No. 1 Universal	10	2.1652
HSS deburring blade No. 2 for brass and cast	10	2.1653
HSS deburring blade No. 3 for straight edges	10	2.1654



UNIGRAT (No. 2.1660)



GRATFIX HSS (No. 2.1655)



No. 1 (No. 2.1652)



No. 2 (No. 2.1653)



No. 3 (No. 2.1654)



Rain Water Down Pipe Cutter

ROCUT® RAIN MAX

Rain water down pipe cutter for welded down pipes made of copper, brass, titanium zinc and steel
 Ø 60 - 100 mm

Suitable for all conventional welded down pipes!



Product Profile

KEY FEATURES

- 1 When cutting the pipe tapers inward, preventing the pipe from being drawn in further
 - 2 Uniform clamping prevents deformation of the pipe
 - 3 With individual trimming less waste is produced and efficiency is increased
 - 4 Deburrer is always within reach
- Exact cutting performance
 - Precise and fast

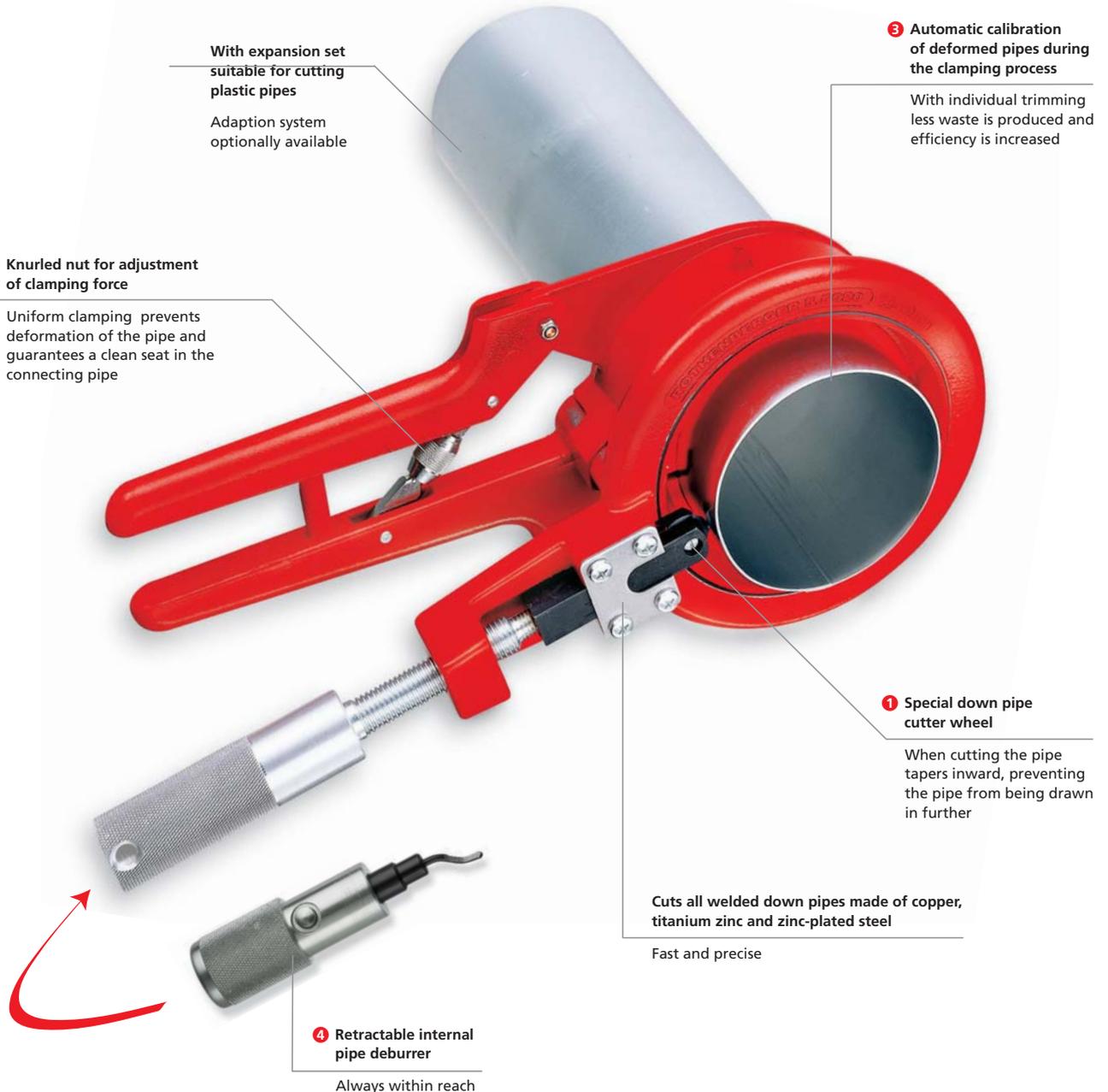
KEY FEATURES

- The ROTHENBERGER rain water down pipe cutter is suitable for free-handed work, as well as clamping in a parallel vice
- Adaption system for plastic pipes (available optionally)

TECHNICAL DATA

Working range: Ø 60 – 100 mm
Expansion set: For adaption to ROCUT® plastic cutting and chamfering tools

4



Rain Water Down Pipe Cutter

ROCUT® RAIN MAX Set

Sets include: Basic clamping device (No. 5.5001), jaws, cutter shaft (No. 5.4951) and knife (No. 5.4953), internal deburrer (No. 5.5018), transport case (No. 5.5016)

Expansion Set

Set (No. 5.5009) includes: Cutter shaft with cutter wheel (No. 5.4950), cutter shaft with cutter (No. 5.4960), 1 set jaws Ø 50 (No. 5.5025) and 75 mm (No. 5.5022)



Expansion Set

Adapts ROCUT® for plastic cutting and chamfering tools



Model	kg	No.
ROCUT® RAIN MAX Set 60 - 80 - 100 mm	3.5	5.5000
ROCUT® RAIN MAX Set 75 - 87 - 100 mm	3.5	5.5004

Model	with jaws	g	No.
From ROCUT® RAIN MAX to ROCUT®	50 - 75 mm	740	5.5009
From ROCUT® to ROCUT® RAIN MAX	60 - 80 - 100 mm	850	5.5010

ACCESSORIES

Description	g	No.
Internal deburrer with blade	150	5.5018
Spare blade for internal deburrer	10	2.1652
Plastic case for ROCUT® 110	850	5.5016
Plastic case for ROCUT® 160	1400	5.5017
Clamping jaws on	220	



Deformed rain water down pipe!
Problem with the fit!



Precise cutting without deformation,
with slight retraction



For free-hand work



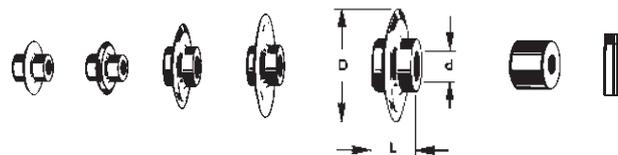
Clamping in parallel vice



Cutting Wheels and Spare Parts

Pipe Cutters, Cutting Wheels and Spare Parts

Only original ROTHENBERGER Cutting wheels made of high-alloyed hardened steel guarantee an exact, right-angled cut



Pipe Cutter Type	Model for pipe - Ø	No.	Cutting wheel No.	Size d, L, D mm	Cutting depth mm	Spare axle No.	Ø mm Length mm Thread	Spare roller No.	Deburring blade No.	Application area
MINICUT I PRO MINICUT II PRO	3 - 16 mm	7.0401	7.0017D	4,8 / 5,95 / 18,5	3,0	7.0041	4,7 / 14 / M3	7.0023	-	Copper pipe (Cu), Brass pipe (Ms), Aluminium pipe (Al), thin-walled Steel pipe (Fe), PVC hard plastic pipe Plastic coated pipe
	6 - 22 mm	7.0402	7.0017D	4,8 / 5,95 / 18,5	3,0	7.0041	4,7 / 14 / M3	7.0023	-	
MINICUT 2000	3 - 22 mm	7.0105	7.0017D	4,8 / 5,9 / 18,5	3,0	7.0041	4,7 / 14 / M3	-	-	Copper pipe (Cu), Brass pipe (Ms), Aluminium pipe (Al), thin-walled Steel pipe (Fe), PVC hard plastic pipe Plastic coated pipe
MINIMAX	3 - 28 mm	7.0015	7.0017D	4,8 / 5,9 / 18,5	3,0	7.0041	4,7 / 14 / M3	-	-	
TUBE CUTTER 30 PRO	3 - 30 mm	7.1019	7.0017D	4,8 / 5,9 / 18,5	3,0	7.0041	4,7 / 14 / M3	7.0067	-	Copper pipe (Cu), Brass pipe (Ms), Aluminium pipe (Al), thin-walled Steel pipe (Fe), PVC hard plastic pipe Plastic coated pipe
TUBE CUTTER 35 + 35 C TUBE CUTTER 42 PRO	6 - 35 mm 6 - 42 mm	7.0027 (C) 7.0029	7.0017D	4,8 / 5,95 / 18,5 4,8 / 5,95 / 18,5	3,0 3,0	7.0041 7.0041	4,7 / 14 / M3 4,7 / 14 / M3	7.0067 7.0067	2.1652 2.1652	
TUBE CUTTER 35 MSR TUBE CUTTER 42 PRO MSR	6 - 35 mm 6 - 42 mm	7.0108 7.0109	7.0188D 7.0188D	4,8 / 5,9 / 19,3 4,8 / 5,9 / 19,3	3,0 3,0	7.0041 7.0041	4,7 / 14 / M3 4,7 / 14 / M3	7.0067 7.0067	2.1652 2.1652	Multi-layered composite pipe
TUBE CUTTER 50	12 - 50 mm	7.0065	7.0017D	4,8 / 5,9 / 18,5	3,0	7.0006	4,7 / 16 / M4	-	-	
AUTOMATIC Pipe Cutter	Size 1 6 - 67 mm	7.0030	7.0017D	4,8 / 5,9 / 18,5	3,0	7.0041	4,7 / 16 / M4	-	2.1652	Cu, Ms, Al, Fe thin-walled. PE-, PP-, VPE, PB- and PVDF pipes thin-walled Cu, Ms, Al, Fe PE-, PP-, VPE, PB- and PVDF pipes thin-walled PP pipes PE-, PP-, VPE, PB- and PVDF pipes thin-walled PP pipes
		7.0031	7.0028D	4,8 / 11 / 29,0	7,0	7.0041	4,7 / 16 / M4	-	2.1652	
	7.0142	7.0057D	8 / 11 / 29,0	7,0	7.0149	7,9 / 23,5 / 1/4"	-	2.1652		
	5.5054D	8 / 11 / 40,0	13,0	7.0149	7,9 / 23,5 / 1/4"	-	2.1652			
	5.5053D	8 / 11 / 30,5	8,6	7.0149	7,9 / 23,5 / 1/4"	-	2.1652			
	5.5074D	8 / 11 / 45,0	16,0	7.0149	7,9 / 23,5 / 1/4"	-	2.1652			
5.5053D	8 / 11 / 30,5	8,6	7.0149	7,9 / 23,5 / 1/4"	-	2.1652				
TUBE CUTTER 28	3 - 28,0 mm	7.0010	7.0007D 9.0007D	4,8 / 3 / 16 4,8 / 3 / 16	2,5 2,5	7.0080 + 7.0081 7.0080 + 7.0081	4,7 / 9 / SR 4,7 / 9 / SR	8.0679 8.0679	- -	Cu, Ms, Al, Fe thin-walled Stainless steel Cu, Ms, Al, Fe thin-walled Stainless steel
TUBE CUTTER 42	3 - 41,5 mm	7.0011	7.0007D 9.0007D	4,8 / 3 / 16 4,8 / 3 / 16	2,5 2,5	7.0080 + 7.0081 7.0080 + 7.0081	4,7 / 9 / SR 4,7 / 9 / SR	8.0679 8.0679	- -	
ROTRAC 28 PLUS	3 - 41,5 mm	7.1728C	7.0007D	4,8 / 3 / 16	2,5	7.0080 + 7.0081	4,7 / 9 / SR	8.0679	-	Cu, Ms, Al, Fe thin-walled
TUBE CUTTER 42 PRO PVC	6 - 42 mm	7.0072	7.0028D	4,8 / 6 / 23,6	7,0	7.0041	4,7 / 14 / M3	7.0067	-	PE-, PP-, VPE, PB- and PVDF pipes
Steel Pipe Cutter SUPER	1/8" - 1.1/4" 1/8" - 2"	7.0040	7.0046D	7,5 / 13,5 / 26	5,5	7.0048	7,4 / 30 / -	7.0047	-	Steel pipe Steel pipe
		7.0045	7.0051D	9,0 / 19 / 31,5	7,0	7.0053	8,9 / 35 / -	7.0052	-	
Steel Pipe Cutter ENORM	2" - 4"	7.0060	7.0061D 7.0066	9,7 / 27 / 41,5 9,7 / 27 / 41,5	7,0 -	7.0064 7.0064	9,4 / 52 / - 9,4 / 52 / -	7.0063 7.0063	- -	Steel pipe Cast pipe
INOX TUBE CUTTER 30 INOX TUBE CUTTER 30 PRO	3 - 30 mm 3 - 30 mm	7.0085 7.1085	7.0018D 7.0056D	4,8 / 3 / 18,5 4,8 / 5,9 / 18,5	3,0 4,0	7.0092 7.0041	4,7 / 13 / M4 4,7 / 14 / M3	7.0068 7.0068	- -	Stainless steel pipe
INOX TUBE CUTTER 35 INOX TUBE CUTTER 42 PRO	6 - 35 mm 6 - 42 mm	7.0055 7.0070	7.0056D 7.0056D	4,8 / 5,9 / 18,5 4,8 / 5,9 / 18,5	4,0 4,0	7.0041 7.0041	4,7 / 14 / M3 4,7 / 14 / M3	7.0068 7.0068	2.1652 2.1652	Stainless steel pipe
INOX SUPER	1/8" - 1.1/4" 1/8" - 2"	7.0086	7.0088D	7,5 / 13,5 / 26	5,5	7.0048	7,4 / 30 / -	7.0047	-	Stainless steel pipe Stainless steel pipe
		7.0087	7.0089D	9,0 / 19 / 31,5	7,0	7.0053	8,9 / 35 / -	7.0052	-	
Chain Pipe Cutter	85 mm	7.0285	-	4,0 / 3,8 / 17,8	3,0	-	-	-	-	Spare chain 7.0286 Cu, Ms, Al, Fe thin-walled
Chain Pipe Cutter	75 mm	7.0330	-	-	-	-	-	-	-	Spare chain 7.0331

UNI Stepped Key Set

For installation and removal of heating valve nipples, tank connectors and short tap extensions. Chrome vanadium steel, hardened, nickelplated, square drive 1/2"

Product Profile

KEY FEATURES

- Universally applicable: cam, internal hexagonal and 12-edged driver, size 3/8 - 1/2 - 3/4 - 1" and other sizes in between
- No canting of nipples and screw connections with the special stepped key design
- Combination key allows installation and removal of heating valve nipples, tank connections and short tap extensions
- 1/2" Ratchet makes installations quick and easy



No. 7.3298



No. 7.3280

1/2" ratchet

Fast and easy installation



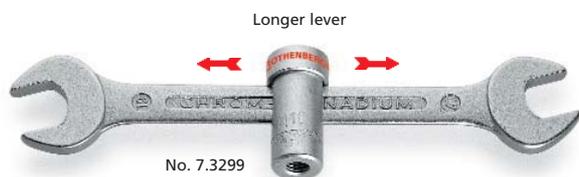
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Model	kg			No.
Set: UNI Stepped Key and Ratchet	670	1	12	7.3297
UNI Stepped Key	120	1		7.3298
Gas Stepped Key	80	1		7.3280
1/2" ratchet	440			2.7180



Express Spanner

Chrome vanadium steel, drop forged, chrome-plated



No. 7.3299

KEY FEATURES

Express Spanner

- Ideal for hard-to-reach screws
- Quick installation of sink fittings and corner valves
- Hanger bolt M10, middle piece with internal screw thread
- Easy loosening of the hanger bolt with integrated ball seat
- When the internal hexagonal screw is loosened, the hanger bolt can be moved on the spanner axle (longer lever)

Ring Ratchet Express Spanner

- With the smallest of ratchet angles, fine-toothed, R/L switchable 12-edged flat offset



Ring Ratchet Express Spanner



No. 7.3293

Spanner width	for hanger bolts Size	L mm	g	No.
Wrench size 17 x Muzzle size 19M10		220	250	7.3299
Wrench size 17 x Ring size 19 M10		260	390	7.3293

Installation Tools

Bolt Driver

Bolt driver M6, M8, M10, M12 with 1/2" ratchet connector

- Without damage to the screw thread, for express and hanger bolts
- Easy loosening of the screw with the integrated ball seat



Simple installation



4-part set (No. 2.6164) includes: Bolt Driver M6 (No. 2.6160), M8 (No. 2.6161), M10 (No. 2.6162), M12 (No. 2.6163), steel carrying case

Model	mm	g	No.
Set M6 - M8 - M10 - M12		650	2.6164
M 6	35	70	2.6160
M 8	40	90	2.6161
M 10	45	100	2.6162
M 12	50	120	2.6163

Tap Extension Key



KEY FEATURES

- For tap extensions, chrome vanadium special steel

Model	Size	g	No.
Tap Extension Key, right angled, bent, size 12 / size 17	1/2" / 3/4"	200	35.1040

Sanitary Four Way Key

Chrome Vanadium Special steel

KEY FEATURES

10 functions:

- Four external hexagonal with double nut box spanner for tap extensions 3/8", 1/2", 3/4", 1" up to 100 mm and installation/removal of heating valves and tank connectors
- 2 inner threads M10 and M12 for hanger bolts



Model	Dimensions mm	g	No.
Sanitary Four Way Key with 10 functions	220 x 220	610	35.1043

Sanitary Four Way Key

Chrome Vanadium Special steel

KEY FEATURES

Multi-functional combined key:

- Four external hexagonal 3/8", 1/2", 3/4", 1" for short tap extensions, installation and removal of heating valves and tank connectors
- 2 Inner threads M10 and M6 for hanger bolts (wash basin fittings)



Model	Dimensions mm	g	No.
Sanitary Four Way Key multifunctional	200 x 200	530	35.1044

ROFIX SANISET Profi

Installation tool

User-friendly combination set for installation of basins, toilets and drains

KEY FEATURES

- Bolt Driver Tool for M8 and M10 enables easy use in all positions
- Seat for the 9 mm and 13 mm extensions, as well as the RO-QUICK 2 adaptor with the Bolt Driver Tool
- Ease of use with the RO-QUICK 2 adaptor for the most common drains in bath tubs and basins



Set (No. 7.3200) includes: Bolt driver tool (No. 7.3201), RO-QUICK 2 adaptor (No. 7.3206), extension 9 mm (No. 7.3210), 13 mm (No. 7.3213), steel carrying case (No. 2.6410)

Set (No. 7.3202) like Set (No.7.3200), in addition extensions size 10, size 11, size 12 and size 14

Model	with extension mm	g	No.
ROFIX SANISET Profi	9-10-11-12-13-14	1.500	7.3202
ROFIX SANISET	9-13	900	7.3200
Bolt Driver tool			
M8/M10	215	120	7.3201
RO-QUICK 2 - Adaptor	90	40	7.3206
Special extension size 9	185	50	7.3210
Special extension size 10	185	50	7.3209
Special extension size 11	185	50	7.3208
Special extension size 12	185	50	7.3212
Special extension size 13	185	50	7.3213
Special extension size 14	185	50	7.3214

1 tool for 5 uses



No. 7.3200



No. 7.3201



No. 7.3202

4



RO-QUICK

Valve key

Release valve holder and key for eccentric and standard valves

- Quick and problem-free use by the installation of bathtubs, basins and sinks
- Can be used from the bottom up

- With 2 facing, spring mounted locking cams, as well as holder with T-handle
- Adaptor with star handle for showers, bathtubs (optional accessory)
- Torque-proof immediately on insertion



No damage to chrome-plated parts



No. 7.0413

No. 7.0414

Model	L mm	g	No.
RO-QUICK	120	300	7.0414
Adaptor	75	70	7.0413

Installation Tools

RODOKIT-Set

Tap reseating tool

For exact re-cutting of worn tap seats



With rust-free steel cutter for high-quality armature



KEY FEATURES

- Consistent, precise and centred chip removal: special cutter with three cutter cams
- Cone adaptor with multi-trapezoidal thread for various valve threads



Set (No. 7.0980) includes: Basic tool, thread adaptor size 1, 2, 3, 4, cone adaptor, cutter Ø 12-15-16-18 mm

Description	g	No.
RODOKIT Set	1170	7.0980
RODOKIT Basic Tool	230	7.0981
Cone adaptor	100	7.0992

Dimensions	g	Cutter	Adaptor
12 mm	10	7.0982	7.0986
15 mm	10	7.0983	7.0987
16 mm	10	7.0984	7.0988
18 mm	10	7.0985	7.0989

Tap Reseating Tool

For exact re-cutting of worn tap seats



Fig. Water Tap Reseating Tool

Product Profile

KEY FEATURES

- Fast and simple use with exact re-cutting of worn tap seats
- Cylindrical stepped threaded adaptor that is suitable for all conventional fittings
- Adjustable cutting pressure using spring and regulating screw enable precise work
- Exchangeable cutter is always ready for use



Model	inch	g	No.
Basic Tool with cutter	3/8" - 1"	350	7.0970
3/8"-1/2"-3/4"-1" in Box			
Basic Tool with cutter	3/8" - 1"	980	7.0974
3/8"-1/2"-3/4"-1"			
and each with 3 seals in steel compartment			
Basic Tool with cutter	1/4" - 1"	1060	7.0972
1/4"-3/8"-1/2"-3/4"-1"			
and each with 3 seals in steel compartment			
Basic Tool without cutter		250	7.0950

ACCESSORIES

Spare cutter	1/4"	10	7.0976
Spare cutter	3/8"	10	7.0954
Spare cutter	1/2"	10	7.0955
Spare cutter	3/4"	20	7.0956
Spare cutter	1"	30	7.0957

ROCHECK

Spirit level for angled valves

For exact vertical and horizontal alignment of fittings

KEY FEATURES

- With horizontal and head levels
- One side with 1/2" external screw thread

Exact Adjustment

Exact installation durch assembling jig for braces



4-part set (No. 7.0667) includes: Spirit level for angled valves 200 mm (No. 7.0661), Spirit level for standard distances 300 mm (No. 7.0665), 1 flexible ruler 2 m (No. 25.2100), steel carrying case (No. 2.4022)

Model	g	No.
ROCHECK Set in steel case	2260	7.0667
ROCHECK spirit level for angled valves 200 mm	220	7.0661
ROCHECK spirit level for standard distances 300 mm	260	7.0665

ROCHECK

Spirit level for standard distances

Accurate installations with installation gauge for fittings, with horizontal and vertical levels, unbreakable

KEY FEATURES

- For standard distances:
97 - 120 - 153 - 160 - 170 - 200 - 210 mm

Precise Installation



Fig. ROCHECK Set

4



Cartridge Extractor Set

Simple extraction of cartridges in taps

KEY FEATURES

- Simple extraction of cartridges in taps
- 4 adaptors with hook, threaded, screw or rivet adaptor for cartridges made before 1979, starting in 1979 and MOEM cartridges, as well as extraction tools

Simple use:

Screw the appropriate cartridge extractor on the threaded rod, attach to the cartridge, guide the cartridge body and counter place over the thread rod, rotate the turn handle and pull the cartridge out of the seat.

Set (No. 85.4390) includes: Tommy bar (No. 85.4380), screw 12 x 92 (No. 85.4381), turn handle (No. 85.4382), threaded rod M10 x 130 (No. 85.4383), cartridge body 32 x 131 (No. 85.4384), cartridge extractor with screw (No. 85.4385), cartridge extractor with hook (No. 85.4386), cartridge extractor 20 x 45 (No. 85.4387), counter plate (No. 85.4388), steel carrying case

Model	kg	No.
Set, 9 pieces	1.25	85.4390

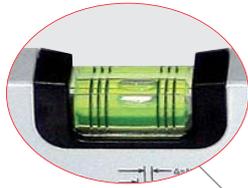


Fig. Cartridge Extractor Set

Installation Tools

Standard Spirit Level

2% gradient directly readable on the horizontal level!



KEY FEATURES

- Deformation-free aluminium rectangular profile, anodised
- Imprinted, centred centimetre scale
- Shock and weather proof
- Horizontal and vertical levels, non-breakable, permanently aligned in carrier
- Measuring accuracy in normal position $0.029^\circ = 0.5 \text{ mm / m}$

10 year warranty

L mm	g	No.
300	190	25.5030
400	260	25.5040
500	320	25.5050
600	340	25.5060
800	520	25.5080
1000	640	25.5100
1200	820	25.5120

4



ROMATIC

Measuring tape



No. 7.7396



No. 7.7397

KEY FEATURES

- Easy handling
- Automatic tape rewind
- With set/stop button that can be used as marker for repeated measurements



No. 25.2100

Model	Measuring length m	Tape width mm	g	No.
ROMATIC	3	16	120	7.7396
ROMATIC	5	19	230	7.7397
Flexible ruler	2			25.2100

Strap and Fittings Wrench

Made of aluminium special alloy, with replaceable nylon strap



KEY FEATURES

- Safe to use on chrome-plated fittings and ensures Safe to use on chrome-plated fittings and ensures
- For use in the automotive industry (change of oil-filter)

inch	mm	L inch	L mm	g	No.
3"	90	12"	300	280	7.0240
Spare strap 3"				20	7.0268
8"	220	12"	300	290	7.0241
Spare strap 8"				30	7.0269

Basin Nut Wrench

Special chrome vanadium steel, drop forged, very tough

- Optimum force transmission with the Tommy bar
- Rotatable claw for right and left-handed rotation



Clamping range mm	Clamping range inch	L mm			No.
10 - 32	3/8" - 1.1/4"	235	475	1 40	7.0228



4



Telescopic Basin Nut Wrench

Chrome-plated, with pivoted reversible jaw for right and left-handed rotation

Telescopic action with 4 length adjustments

Clamping range mm	Clamping range inch	L mm		No.
10 - 32	3/8" - 1.1/4"	275 - 455	710	7.0225
20 - 48	3/4" - 1.7/8"	290 - 470	740	7.0226
32 - 63	1.1/4" - 2.1/2"	290 - 470	780	7.0227



Basin Nut Wrench

Special chrome vanadium steel, drop forged, coated with adjustment screw

Model	L mm		No.
Basin Nut Wrench	270	580	35.1050



SANIGRIP

Valve plier PL

Special chrome vanadium steel, drop forged, chrome-plated, 4 adjustable sizes at joint, with toothed grip jaws. SANIGRIP PL designed with plastic jaws to protect fittings

- Secure and gentle grip on valuable fittings without damaging polished surfaces
- Optimum grip is ideal for plastic screw joints up to Ø 62 mm (siphon)



Model	L inch	L mm				No.
SANIGRIP	10"	250	80	14	270	7.0415
SANIGRIP PL	10"	250	62	14	280	7.0416
Spare plastic jaws (pair) for SANIGRIP PL					10	7.0417



Installation Tools



Fitting Wrench 90°

Special chrome vanadium steel, steel forged

- Plastic jaws guarantee a secure and gentle grip especially for chrome-plated fittings and polished surfaces
- High-quality DURAMANT surface coating

Plastic jaws,
gentle grip



max. inch	max. mm	inch	mm	g		No.
1"	35	14"	350	740	1 6	7.0545
Spare jaws (pair)				10		7.0548

Fitting Key

Steel forged, burnished, smooth jaws for protection of fittings and delicate or polished surfaces



No. 35.0850



No. 35.0900

Model	mm	Clamping width mm	Clamping depth mm	g	No.
Grid adjustment	260	75	45	690	35.0850
Roll adjustment	275	65	45	780	35.0900

4



ROBOLT Bolt Cutter

Effortless cutting of construction steel up to 1300 N/mm² (HRC 40), gate steel, concrete steel types I, II, III, IV, pre-stressed concrete steel and steel wire



L mm	L inch	Cutting performance Ø mm		kg	No. Robot	No. head
		490 N/mm ²	1300 N/mm ²			
300	12"	5 mm - 3/16"	4 mm - 5/32"	0.75	7.5010	7.5020
350	14"	7 mm - 1/4"	5 mm - 3/16"	0.98	7.5011	7.5021
450	18"	8 mm - 5/16"	6 mm - 1/4"	1.60	7.5012	7.5022
600	24"	10 mm - 3/8"	8 mm - 5/10"	2.63	7.5013	7.5023
750	30"	13 mm - 1/2"	9 mm - 11/32"	4.00	7.5014	7.5024
900	36"	16 mm - 5/8"	10 mm - 3/8"	6.24	7.5015	7.5025
1050	42"	19 mm - 3/4"	11 mm - 7/16"	9.39	7.5016	7.5026

Sheet Metal Crimping Pliers

Self-opening, PVC coated handles

- For joining of sheets up to 1 mm thick using ripple on pipe end
- Exact and quick adjustment



L inch	L mm	Sheet thickness mm	g	No.
10"	250	1,0	450	7.1095

Tower Pincers / Concreter's Nippers

Special forged steel, slim head, polished, long plastic covered handles



L inch	L mm	Clamping width mm	g	No.
9"	225	22	330	6 7.0118
10"	250	26	440	6 7.0119

Universal Grip Wrench

Nickel-plated, forged chrome vanadium steel. Firm grip of profiles and flat materials. With lever gear and quick-release, adjustable and fixable



L inch	L mm	Clamping width mm	g	No.
10	250	32	570	7.0252

Combination Pliers

For hard and soft wire, special tool steel, oil hardened, special slim form, chrome-plated head, zero-play joint and heavily insulated handles

DIN
-Norm



L mm	Model	g	No.
180	DIN 5244	250	32.4559

Edge Cutter

For hard and soft wire, special tool steel, oil hardened, Swedish style, chrome-plated head, zero-play joint with heavily insulated handles

DIN
-Norm



L mm	Model	g	No.
160	DIN 5238B	210	32.4577

Insulation Stripper

Special tool steel, oil hardened, chrome-plated, zero-play joint, heavily insulated handles, with adjustment screw and opening spring



L mm	max mm	g	No.
165	5	160	32.4800

Power Edge Cutter

For piano wire, hard and soft wire, powerful, special tool steel, oil hardened, chrome-plated head, zero-play joint, with heavily insulated handles

DIN
-Norm



L mm	Model	g	No.
160	DIN 5238A	250	32.4588

Long Nose Pliers, straight

With cutting edge for hard and soft wire, flat oval jaws, tapered off, special tool steel, oil hardened, chrome-plated head, zero-play joint with heavily insulated handles

DIN
-Norm



L mm	Model	g	No.
200	DIN 5236A	200	32.4737

Long Nose Pliers, angled

With cutting edge for hard and soft wire, flat oval jaws, tapered off, special tool steel, oil hardened, chrome-plated head, zero-play joint with heavily insulated handles

DIN
-Norm



L mm	Model	g	No.
200	DIN 5236D	200	32.4739



Screwdrivers

EUROLINE®

Screwdrivers



Product Profile

KEY FEATURES

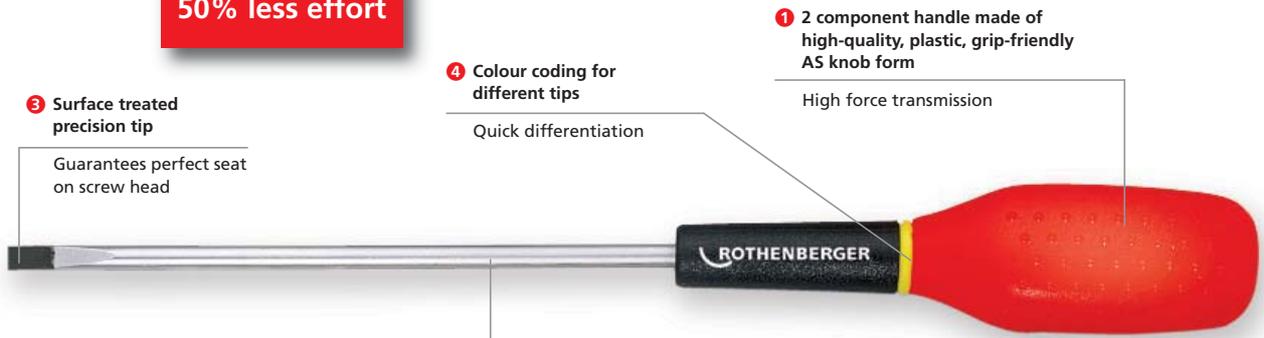
- 1 High force transmission with 2 component handle
- 2 High torque
- 3 Guarantees perfect seat on screw head
- 4 Colour coding for different tips enables quick differentiation
- Oil, fat and hydrocarbon resistant

TECHNICAL DATA

- Blade made of chrome vanadium steel with high-torque and hardness, matt chrome-plated
- Hardened, burnished tip with high durability for reliable force transmission even for tightly secured screws
- Guaranteed perfect seat on screw head, long service life even with long term use
- Handle made of high-quality plastic, grip-friendly AS knob form

4

50% less effort



Screwdriver Sets

Model	kg	No.
Screwdriver Set Pozidriv	0.70	7.3570
Screwdriver Set Phillips	0.70	7.3571

Sets include:	Pozidriv No. 7.3570	Phillips No. 7.3571
	3.5 x 75 mm 4 x 100 mm	3.5 x 75 mm 4 x 100 mm
	5.5 x 125 mm 6.5 x 150 mm	5.5 x 125 mm 4 x 100 mm
	PZ 1 x 100 mm PZ 2 x 125 mm	PH 1 x 100 mm PH 2 x 125 mm

Slot Screwdrivers



Tip design Width x Length mm	Model	g	No.
4.0 x 100	Slot	45	7.3103
5.5 x 125	Slot	84	7.3131
6.5 x 150	Slot	128	7.3133

Phillips Screwdrivers



Tip design Width x Length mm	Model	g	No.
PH 1 x 100	Phillips	80	7.3152
PH 2 x 125	Phillips	98	7.3153

Pozidriv Screwdrivers



Tip design Width x Length mm	Model	g	No.
PZ 1 x 100	Pozidriv	80	7.3161
PZ 2 x 125	Pozidriv	98	7.3162

EUROLINE® IMPAKT

Screwdriver with continuous, strengthened blade

Product Profile

KEY FEATURES

- Continuous, hardened blade with metal cap enables directed hammer blows, e.g. to loosen stuck screws
- Hexagonal surface

Set (No. 7.3575) includes:

		5.5 x 100 mm
		6.5 x 125 mm
		8 X 150 mm
		PH 1 x 80 mm
		PH 2 x 100 mm



Colour coding for different tips

Quick differentiation

Surface treated precision tip

Guarantees perfect seat on screw head

Handle made of high-quality plastic, grip-friendly AS knob form

High force transmission



Blade made of high-quality, tempered chrome vanadium steel

High torque proof

2 tools in 1

Constant strengthened blade with metal cap



5 part set (No. 7.3575) includes: Screwdriver 5.5 x 100 (No. 7.3565), 6.5 x 125 (No. 7.3566), 8 x 150 (No. 7.3567), Phillips size 1 (No. 7.3536), size 2 (No. 7.3537)

Model		g	No.
EUROLINE® IMPAKT Set 5 pieces		950	7.3575

Workshop Screwdriver Set

Blades made of chrome vanadium molybdenum steel, chrome-plated with hexagonal key aid, hard wood handles made of natural beech, varnished with leather cap



Model		g	No.
Workshop Screwdriver Set, includes: Slot 4.5 x 90; 5.5 x 100; 6.5 x 125; 8 x 150 Phillips PH 1 x 80; PH 2 x 100		680	32.3015

VDE Screwdriver Set

Blades made of chrome vanadium molybdenum steel, thoroughly hardened, extrusion-coated blade insulation tightly joined with handle, 1000 Volt



Model		g	No.
VDE Screwdriver Set, includes: Slot 2.5 x 75; 4.0 x 100; 5.5 x 125; 6.5 x 150 Phillips PH 1 x 80; PH 2 x 100 and live-wire-tester		680	32.3126



Spanners & Wrenches

ROCLICK

Combined open-ended / hinged ring spanner

Chrome vanadium steel, polished and high shine chrome-plated

- Moveable ring ratchet allows for use even in tight spaces
- Precise work with the fine-running ratchet (72 teeth)



Small operating radius of only 5°

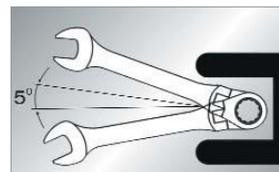


Fig. ROCLICK Spanner Set

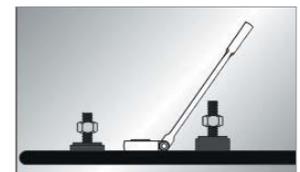
7-part set (No. 7.0490) includes: ROCLICK Combined spanner 8 - 10 - 11 - 13 - 14 - 17 - 19 mm, plastic case

Model	g	kg	No.
ROCLICK spanner set, 7 pieces	1150	1.15	7.0490
ROCLICK combined spanner 8 mm	50	0.05	7.0465
ROCLICK combined spanner 9 mm	50	0.05	7.0454
ROCLICK combined spanner 12 mm	50	0.05	7.0455
ROCLICK combined spanner 15 mm	50	0.05	7.0456
ROCLICK combined spanner 16 mm	50	0.05	7.0457
ROCLICK combined spanner 18 mm	50	0.05	7.0458
ROCLICK combined spanner 10 mm	90	0.09	7.0466
ROCLICK combined spanner 11 mm	100	0.10	7.0467
ROCLICK combined spanner 13 mm	145	0.145	7.0468
ROCLICK combined spanner 14 mm	150	0.15	7.0469
ROCLICK combined spanner 17 mm	220	0.22	7.0470
ROCLICK combined spanner 19 mm	270	0.27	7.0471

Smaller working radius 5°



Adjustable angle



Torque Spanner Set

Set consists of adjustable torque spanners (10-70 Nm) and 6 inserts sizes 17, 22, 24, 26, 27 and 29 mm for flare joints on 1/4", 3/8", 1/2" and 5/16" pipelines in compliance with **DIN 3866**

DIN-Norm



8-part set (No. 1750.01) includes: 1 spanner each 17 - 22 - 24 - 26 - 27 - 29 mm, torque spanner set, carrying case

Model	kg	No.
Torque Spanner Set, 8 pieces	3.5	1750.01

Pipe- Ø	Wrench size	Tightening torque
1/4"	17 mm	18 Nm
3/8"	22 mm	42 Nm
1/2"	24 mm	55 Nm
1/2"	26 mm	55 Nm
5/16"	27 mm	65 Nm
5/16"	29 mm	65 Nm

ROTURN

Combined ring / open-ended spanner



Chrome vanadium steel, polished and high shine chrome-plated

- Loosening of up to 70% of damaged hexagonal screws with hexagonal open end and ridged profile
- Ergonomically optimised: Pressure on the flat side of spanner makes work easier



Protects the hand, up to 42% savings of energy



8 part set (No. 7.0475) includes: ROTURN 10 - 11 - 13 - 14 - 16 - 17 - 19 - 22 mm, in plastic case

Model	kg	No.
ROTURN spanner set, 8 pieces	1.7	7.0475

ROCLICK Key

Chrome vanadium, head black atramentized

- With the spring mechanism – the harder the pressure, all the more firmer the grip
- Self-ratcheting effect when turning back
- Fast extraction and loosening of screws
- Suitable especially for screws on pipes, cables and rods



Model	Key width mm	L mm	g	No.
ROCLICK Key 10	10	134	80	7.0420
ROCLICK Key 11	11	137	80	7.0419
ROCLICK Key 12	12	137	80	7.0421
ROCLICK Key 13	13	137	90	7.0422
ROCLICK Key 14	14	140	90	7.0423
ROCLICK Key 16	16	184	130	7.0424
ROCLICK Key 17	17	184	140	7.0425
ROCLICK Key 19	19	188	150	7.0426
ROCLICK Key 21	21	230	270	7.0427
ROCLICK Key 24	24	240	290	7.0418

Adjustable Wrench

Chrome vanadium steel, drop forged, chrome-plated and polished

- Precise operation: Smooth-running and robust roller with minimum play in the sliding guides



Size inch	L mm	Clamping width up to mm	g	No.
6"	160	20	100	7.0441
8"	210	25	220	7.0442
10"	250	29	390	7.0443
12"	300	34	660	7.0444
15"	380	44	1170	7.0445

Ring Spanner

Chrome vanadium steel, drop forged, chrome-plated

- Ideal for hard-to-reach screws with the finely toothed R/L switchable ratchet
- 12-edged, flat offset, robust and indestructible



5-part set (No. 7.0280) includes: ROCLICK 10 x 11, 12 x 14, 13 x 17, 15 x 16, 19 x 22 mm

7-part set (No. 7.0281) includes: ROCLICK 10 x 11, 12 x 14, 13 x 17, 15 x 16, 19 x 22, 24 x 27, 30 x 32 mm

Model	L mm	g	Box	Case	No.
Spanner Set 5 pieces	--	1640			7.0280
Spanner Set 7 pieces	--	3500			7.0281
10 x 11	200	120			7.0270
12 x 14	230	200			7.0271
13 x 17	250	280			7.0272
15 x 16	260	320			7.0273
19 x 22	310	440	1	36	7.0274
24 x 27	360	700	1	36	7.0276
30 x 32	410	990	1	36	7.0277

One Handed Type R

The ideal multi-function spanner with ratchet function – for almost all bolt and nut applications up to a size of 42 mm (1.1/4")

- Self-clamping even on smooth pipes, bolts, shafts and broken off head of hexagonal screws

Enormous leverage



L mm	L inch	Clamping width mm	Clamping width inch	g	No.
160	6"	SW 9 - 17	1/8" - 3/8"	80	7.0220
200	8"	SW 14 - 28	1/4" - 3/4"	200	7.0221
255	10"	SW 16 - 33	3/8" - 1"	340	7.0222
310	12"	SW 22 - 42	1/2" - 1.1/4"	520	7.0223



Allen Keys and Drills

Allen Key with Cross Handle

Blade made of chrome vanadium special steel, shiny nickel-plated, shock-resistant handle



Key width size mm	Blade length mm	g	No.
3	200	30	32.1523
4	200	40	32.1524
5	200	80	32.1525
6	200	100	32.1526
8	200	130	32.1528
10	200	220	32.1529
12	200	290	32.1530

4



Allen Key Set

CV steel 50Cr-V4, achromatised, hardness and torque in compliance with **DIN 911**



No. 32.1300



No. 7.0301 / 7.0302

Model	Size mm / inch	g	No.
Foldable	2,5-3-4-5-6-8-10 mm	340	7.0301
Foldable	3/32-1/8-5/32-3/16-1/4-5/16-3/8"	340	7.0302
Ring	2-2,5-3-4-5-6-8-10 mm	250	32.1300

TURBODRILL HSS

Universal cutting drill

For milling of contours, drilling, deburring, cutting, rasping and filing of sheets made of iron, aluminium, copper, brass, stainless steel, as well as machining of plastic, wood and hard fibre boards

- Favourable rotational speed between 1000 - 1200 min⁻¹



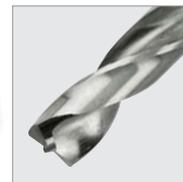
Dimensions	Model	g	No.
6.0 x 90 mm	HSS	90	2.1499

FASTCUT

HSS welding spot cutter

For clean burr-free removal of welding spots, no abrasion of welding spot

- Non-slip due to self-cutting centring tip
- Special polish that guarantees chatter-free work, can be re-polished



Dimensions	Model	g	No.
6.0 x 66 mm	HSS	15	2.1643
7.0 x 74 mm	HSS	20	2.1647
8.0 x 80 mm	HSS	25	2.1648

PROFI PLUS

Twist drill set DIN 338 Type N

HSS rolled, all drill diameters in 0.5 mm diameter steps



No. 81.6990



No. 81.7000

Model	Drill range mm	Number drills	g	No.
In steel box	1,0 - 10,0	19 pcs.	710	81.7000
In steel box	1,0 - 13,0	25 pcs.	1400	81.7003
In round box	1,0 - 10,0	19 pcs.	465	81.6990

SDS-Plus Hammer Drill

With hard metal bits and super conveyor groove, fits in all drilling machines with SDS-plus, in SB plastic box



mm	L mm	g	No.	mm	L mm	g	No.
5	110	40	11.1401	10	210	80	11.1420
6	110	40	11.1405	12	160	90	11.1424
6	160	40	11.1406	12	260	150	11.1426
8	110	50	11.1411	14	160	120	11.1431
8	160	60	11.1412	14	260	180	11.1432
8	210	70	11.1413	16	210	340	11.1439
10	110	50	11.1418	16	300	170	11.1440
10	160	70	11.1419	18	300	220	11.1445

Screw-Hole Punches and Hole Saws

Chassis Punch

Chassis Punch for uniform deformation-free punching of sheets, steel sheets, V2A sheets, copper and aluminium

KEY FEATURES

- Ideal for tight spaces such as fuse boxes, junction boxes, instrument panels, sinks, car bodies, special tool steel
- Special tool steel, burnished
- Guaranteed long service life
- Material thickness up to max. 4 mm

5-part set (No. 21801) includes: Chassis Punches Ø 28.3 mm (No. 2.1828), 32 mm (No. 2.1832), 35 mm (No. 2.1835), spare screw in plastic case

Model	g	No.
Chassis Punch, 5 pieces	750	2.1801

mm	Through size	g	No.	mm	Through size	g	No.
12,7	M12/PG7	50	2.1813	22,5	PG16	160	2.1869
14		60	2.1814	23		160	2.1823
15,2	PG9	60	2.1866	24		180	2.1824
16		60	2.1816	25		180	2.1825
17		60	2.1817	26		180	2.1826
18		60	2.1818	27		220	2.1827
18,6	PG11	120	2.1867	28,3	PG21	220	2.1828
19		140	2.1819	29		220	2.1829
20		140	2.1820	30		240	2.1830
20,4	M20/PG13,5	150	2.1868	31		250	2.1831
21		140	2.1821	32		260	2.1832
22		160	2.1822	33		260	2.1833



Fig. Chassis Punch



Metric tension screw with highest quality grade 12.9 (from Ø 15.2 mm)

Extremely durable

Optimum support due to 3-point cut

Clean Cutting process



mm	Through size	g	No.	mm	Through size	g	No.
34		260	2.1834	46		770	2.1846
35		270	2.1835	47	PG36	770	2.1847
36		270	2.1836	48		790	2.1848
37	PG29	370	2.1837	49		820	2.1849
38		370	2.1838	50		820	2.1850
39		480	2.1839	51		820	2.1851
40		480	2.1840	52		850	2.1852
41		630	2.1841	53		850	2.1853
42		660	2.1842	54	PG42	850	2.1854
43		660	2.1843	55		850	2.1855
44		720	2.1844	60	~PG48	850	2.1860
45		750	2.1845				

HSS Bimetal Hole Saws

Suitable for carbon steel (up to 700 N/mm² strength), non-ferrous and light metals, plastics, plaster, light construction, fibre, plywood and wood processing (without adaptor holder!)



mm	to be used with holder	g	No.
19	A1	54	11.4019
22	A1	62	11.4022
29	A1	82	11.4029
30	A1	85	11.4030
35	A2	110	11.4035
38	A2	125	11.4038
44	A2	130	11.4044
51	A2	135	11.4051
57	A2	150	11.4057
64	A2	195	11.4064

HSS Bimetal Hole Saw Sets

Sets include: Hole Saw Set in plastic case, adaptor holder A1 (No. 11.4161) and A2 (No. 11.4162) with center drill

Hole Saw Sets	kg	No.
19 - 22 - 29 - 38 - 44 - 57 mm	1,27	11.4201
19 - 22 - 29 - 35 - 38 - 44 - 51 - 57 - 64 mm	1,70	11.4202



No. 11.4161



No. 11.4171



No. 11.4201



No. 11.4162

Adaptor Holder

For HSS Bimetal hole saws with center drill

Type	for Hole saw	Adaptor	g	No.
A1	up to 30 mm	12 mm - hex	75	11.4161
A2	32 up to 152 mm	12 mm - hex	230	11.4162
	Spare center drill, HSS	6.35 mm	20	11.4171

Hole Saws and Step Drills

UNICUT HM

Carbide-tipped hole saws for cutting circular holes
 Ø 16 - 150 mm (5/8 - 5.7/8") without impact



Product Profile

APPLICATION AREA

For stationary and free-hand cutting of circular holes. For iron, steel, V2A - V4A, cast, copper, bronze, aluminium, zinc, plastic, fibre-glass, chipboard and wood, light construction plaster boards without impact

KEY FEATURES

- For use even in high-speed hand drills and stand-mounted drilling machines due to anti-slip shaft
- Positive cutting angle for good chip removal
- Includes adaptor holder and replaceable HSS-Co5 centring drill up to 4 mm sheet thickness, cutting depth 10 mm



Fig. UNICUT HM hole saw Set

UNICUT HM

Hole saw set

3-part set includes: Hard metal hole saws, cutting spray 50 ml and spare drill
 Ø 6 mm (No. 2.1394), in plastic case

Model		No.
UNICUT HM Set 22 - 25 - 28 - 32 - 35 mm	950	2.1300

			No.				No.
mm	inch	g		mm	inch	g	
16	5/8"	100	2.1316	30		140	2.1330
17		110	2.1317	31		180	2.1331
18		110	2.1318	32	1.1/4"	180	2.1332
19	3/4"	120	2.1319	33		180	2.1333
20		120	2.1320	34		180	2.1334
21		120	2.1321	35	1.3/8"	190	2.1335
22	7/8"	120	2.1322	36		190	2.1336
23		140	2.1323	37		190	2.1337
24		140	2.1324	38	1.1/2"	190	2.1338
25	1"	120	2.1325	39		190	2.1339
26		130	2.1326	40		200	2.1340
27		130	2.1327	41	1.5/8"	200	2.1341
28	~1.1/8"	130	2.1328	42		200	2.1342
29		140	2.1329	43		210	2.1343

			No.				No.
mm	inch	g		mm	inch	g	
44		210	2.1344	70	2.3/4"	390	2.1370
45	~1.3/4"	210	2.1345	75	3"	400	2.1375
46		210	2.1346	80	~3.1/8"	420	2.1380
47		210	2.1347	85	~3.3/8"	450	2.1385
48	~1.7/8"	220	2.1348	90	~3.9/16"	550	2.1386
49		230	2.1349	95	3.3/4"	580	2.1387
50		250	2.1350	100	4"	590	2.1388
51	2"	260	2.1351	110	4.3/8"	700	2.1389
52		270	2.1352	120	4.3/4"	830	2.1390
53		270	2.1353	130	5.1/8"	880	2.1391
54	2.1/8"	280	2.1354	140	5.1/2"	880	2.1392
55		280	2.1355	150	5.7/8"	1120	2.1393
60	2.3/8"	360	2.1360				
65	2.5/8"	390	2.1365				

UNIDRILL®

HSS stepped drill bit

In one step, sheets can be centred, spot drilled, drilled and deburred

3-part set (No. 2.1313) includes: Stepped drill bit size 1 (No. 2.1305), size 2 (No. 2.1306) and size 3 (No. 2.1307), in steel case

Model			No.
	mm	g	
UNIDRILL stepped drill bit set, 3 pieces	4.0 - 30.0	660	2.1313

Size			Shaft		No.
	mm	mm	mm	g	
1	4.0 - 12.0	65	6	22	2.1305
2	4.0 - 20.0	75	8	60	2.1306
3	4.0 - 30.0	100	10	185	2.1307



No. 2.1313

Screw and Bolt Extractor

UNIDRILL®

HSS sheet metal cone bit

Step-less and burr-free drilling of holes without deformation, suitable for even the thinnest of sheets, no pre-drilling, can be re-polished, with spot drilling tip for size 3 and above

3-part set (No. 2.1750) includes: Sheet metal cone bit size 1 (No. 21541), size 2 (No. 21542) and size 3 (No. 21543), in plastic cartridge

Size	L mm	Shaft mm	\varnothing mm	g g	No.	
UNIDRILL set with drill paste				3.0 - 30.5	380	2.1545
1	58	6	3.0 - 14.0	20	2.1541	
2	71	8	5.0 - 20.0	56	2.1542	
3	76	9	16.0 - 30.5	120	2.1543	
EVERCOOL drill paste, 50 g				80	2.1549	

Burr-free drilling

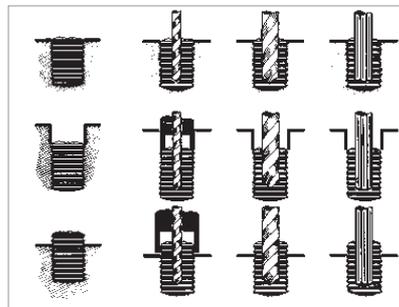
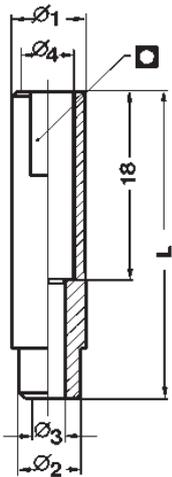


Screw Extraction Sets

For boring out broken screws or bolts for threads M 5 - M 16

INSTRUCTIONS FOR USE

1. Apply bore with guide bush and the appropriate, ground HSS drill bit. Pre-bore for screws 7 mm dia. and above
2. Insert boring stud (no deformation of the drilled workpiece)



Screw Extraction Sets

Packaged in handy plastic box with spiral drills, guide bushes, boring studs and boring nuts

Set	Set contains complete for	Contains piece	g g	No.
Size 1	M 5 - M 12	21 pieces	450	7.1310
Size 2	M 5 - M 16	25 pieces	580	7.1311

For Thread	Guide-bush size	Guide-bush No.	\varnothing mm	Pre-boring-No.	\varnothing mm	Boring No.	Boring stud Gr.	Boring stud No.	Boring nut hex for Size	Boring nut No.
M 5	size 1	7.1291	-		3.2	7.1301	size 1	7.1281	size 1/size 10	7.1286
M 6	size 2	7.1292	-		3.2	7.1301	size 1	7.1281	size 1/size 10	7.1286
M 7	size 3	7.1293	3.2	7.1301	4.8	7.1302	size 2	7.1282	size 2/size 11	7.1287
M 8	size 4	7.1294	3.2	7.1301	4.8	7.1302	size 2	7.1282	size 2/size 11	7.1287
M 9	size 5	7.1295	4.8	7.1302	6.4	7.1303	size 3	7.1283	size 3/size 13	7.1288
M 10	size 6	7.1296	4.8	7.1302	6.4	7.1303	size 3	7.1283	size 3/size 13	7.1288
M 12	size 7	7.1297	4.8	7.1302	8.0	7.1304	size 4	7.1284	size 4/size 14	7.1289
M 14	size 8	7.1298	6.4	7.1303	8.7	7.1305	size 5	7.1285	size 5/size 17	7.1290
M 15	size 9	7.1299	6.4	7.1303	8.7	7.1305	size 5	7.1285	size 5/size 17	7.1290
M 16	size 10	7.1300	6.4	7.1303	8.7	7.1305	size 5	7.1285	size 5/size 17	7.1290

INSTRUCTIONS FOR USE

3. Attach boring nut and turn with spanner, do not tilt
4. Use special guide bushes for sunken or protruding rupture points



Fig. Screw Extraction Set, 25 pieces

Instructions for screw extraction

For rough-running threads, spray on solution or apply heat. Boring studs are made of high-quality material, therefore they do not twist or heat up



Mixed Display

Display includes:

- 2 x 5 x Profi Plus box (No. 7.1534D und 7.1533D)
- 2 x 5 x Safe Cut box (No. 7.1552D und 7.1551D)
- 2 x 5 x 2-in-1 box (No. 7.1553D und 7.1554D)

Model	Dimensions mm	kg	No.
Grinding/Cutting disc Mixed Display 45 x 30 x 27	45 x 30 x 27	13.5	7.1555



METAL PROFI

Grinding / cutting disc for metal

For universal use with long service life in metal machining.
For machining of all types of metal, especially construction steel, sheet steel and Welded joints

Model	Dimensions mm	g	kg	No.
offset	115 x 6	140	10	7.1580
offset	180 x 6	145	10	7.1581
offset	180 x 8	150	10	7.1582

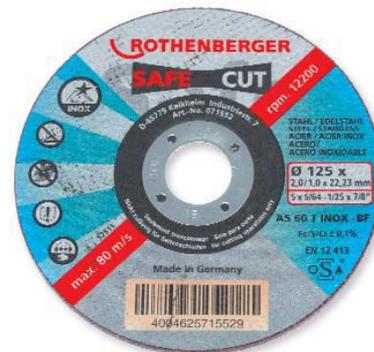


SAFE CUT

Cut-off disc for steel and stainless steel

- One-of-a-kind conical form that prevents the cut-off wheel from getting jammed in the workpiece and avoids the dangerous „Kick-Back“-Effekt
- The profiles tapers from a 2 mm outside thickness to 1 mm on the inside, thus the cutting behaviour is optimised
- Comfortable, simple cutting with absolute peace-of-mind

Model	Dimensions mm	g	kg	No.
flat	115 x 2/1 x 22	30	25	7.1551
flat	125 x 2/1 x 22	40	25	7.1552
Safe Cut box 115 (contains 10 pcs.)	350	1(10)		7.1551D
Safe Cut box 125 (contains 10 pcs.)	450	1(10)		7.1552D



2 IN 1

Cut-off and grinding disc for steel and stainless steel

- Fast cutting and side grinding in one step
- For cutting at a comfortable speed
- Instant (without changing wheel) deburring, chamfering and grinding
- The lateral load is certified (CN 12413)

Model	Dimensions mm	g	kg	No.
flat	115 x 2.5 x 22	50	25	7.1553
flat	125 x 2.5 x 22	60	25	7.1554
2in1 box 115 (contains 10 pcs.)	550	1(10)		7.1553D
2in1 box 125 (contains 10 pcs.)	650	1(10)		7.1554D



2 in 1

Grinding- / Cutting Discs



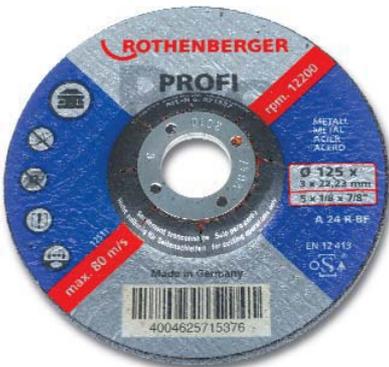
INOX PROFI PLUS

Grinding- / cutting discs for stainless steel (1 mm)

For thin sheet metal (e.g. in body work, tank equipment and container construction), steel cable, thin-walled profiles and pipes made of stainless steel and NE metals, composite materials (GFK), high-temperature materials

- This very thin wheel enables a one-of-a-kind clean cut with a minimum of effort in a short amount of time
- Millimetre accurate use, vibration-free operation without thermal blue discolouration or burr formation (burr-free)

Model	Dimensions mm			No.
flat	115 x 1.0 x 22	30	25	7.1533
flat	125 x 1.0 x 22	40	25	7.1534
offset	230 x 1.9 x 22	180	25	7.1559
Profi Plus box 115 (contains 10 pcs.)		350	1(10)	7.1533D
Profi Plus box 125 (contains 10 pcs.)		450	1(10)	7.1534D
Inox Profi Plus flat	115 x 1.6 x 22	48	25	7.1557
Inox Profi Plus flat	125 x 1.6 x 22	64	25	7.1558



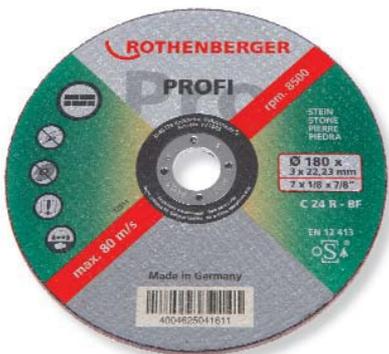
METAL PROFI

Grinding- / cutting discs for metal

For universal use in metal machining

- Machining of high strength construction steel, cast iron, very good chip removal, cool cutting and high edge strength

Model	Dimensions mm			No.
flat	115 x 3 x 22	80	25	7.1535
offset	115 x 3 x 22	80	25	7.1536
flat	125 x 3 x 22	90	25	7.1538
offset	125 x 3 x 22	90	25	7.1537
flat	180 x 3 x 22	130	25	7.1540
offset	180 x 3 x 22	130	25	7.1539
flat	230 x 3 x 22	160	25	7.1541
offset	230 x 3 x 22	160	25	7.1542



STONE PROFI

Grinding- / cutting disc for stone

For all kinds of construction material, such as concrete, stone, roof tile and lime sand brick.

- Long operating life and quick cuts

Model	Dimensions mm			No.
offset	115 x 3 x 22	80	25	7.1543
offset	125 x 3 x 22	90	25	7.1544
flat	180 x 3 x 22	130	25	7.1545
flat	230 x 3 x 22	160	25	7.1546



CAST IRON PROFI

Grinding- / cutting discs for SML / cast iron

- Easy cutting, long operating life, high cut consistency and strengthened cutting edge
- For professional use with cast iron, metal or construction steel

Model	Dimensions mm			No.
flat	230 x 3 x 22	160	25	7.1548



ROBO Super

Safety saw frame

- Reduces accidents: safety handle with exact guidance
- Room for spare blades in holder
- Optimum saw blade tensioning: quick tensioning device with fine adjustment integrated in handle
- Ideal for cutting in confined spaces: 90° rotatable



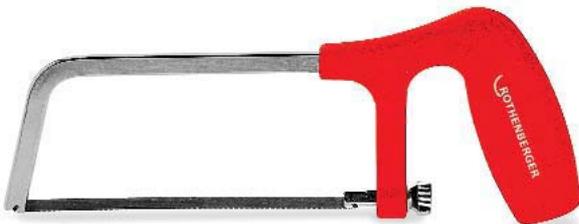
Model	Clamping width mm	g	No.
ROBO Super including saw blade HSSE 4 Plus (No. 7.1213)	300	680	7.1206

ROBO Mini

Small saw frame

Handle with ergonomic form enables powerful sawing in tight spaces

- Large dimension tightening screw



Model	Clamping width mm	g	No.
ROBO MINI including UNIVERSAL saw blade (No. 7.1217)	150	160	7.1222

HSSE 4 Plus

BIMETAL safety hand saw blade

Highly flexible spring band steel with fused HSSE cutter

- Highest flexibility with extremely hard teeth
- Hardness approx. 65 HRC: Average service life 4 times longer
- Risk of breakage significantly reduced even under extreme operational demands
- Precise cutting with individual tooth setting



At ROTHENBERGER hand saw blades with single offset teeth cuts free the hand saw blade optimally. Jamming in the workpiece is prevented. Therefore: the working rhythm is maintained, less effort is needed and there is a higher cutting performance

Metal Saw Frame

- Solid design, massive, stable holder
- With cross-slotted squared clamping elements
- Reliable captive blade holding pin
- Firm wooden handle

Cross-slotted squared clamping piece



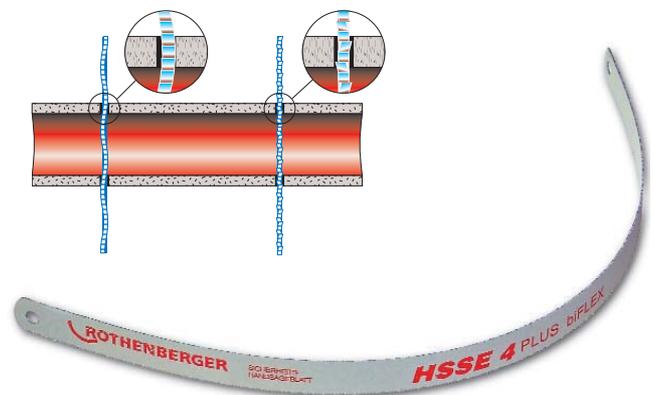
Model	Clamping width mm	g	No.
Metal saw frame without saw blade	300	530	30.0013

UNI Small Saw „PUK“

For sawing all materials, small and handy, good cutting performance



Model	Clamping width mm	g	No.
PUK static, with UNIVERSAL saw blade	150	100	84.2100
PUK adjustable, with UNIVERSAL saw blade (w. App.)	150	140	7.1215
UNIVERSAL saw blade for metal	150 (32 ZpZ)	20	7.1217
Saw blade for wood	150 (14 ZpZ)	20	7.1216



Model	mm	ZpZ	g		No.
HSSE 4 Plus	300	24	20	1 100	7.1213



Snips

Seaming Pliers

Steel forged, burnished heavy duty box joint, PVC covered grips



Form	Muzzle width mm	L mm	g	No.
Straight	60	280	600	35.1055
45° bent	60	280	630	35.1056
90° bent	60	280	630	35.1057

NIBBLER

Metal snips

Especially suitable for cutting exact shapes: for holes and corrugated metal (bore hole of Ø 7 mm for cuttings), no damage or deformation of the cutting edges: cutting width 2.7 mm, powerful plastic covered steel grips with opening spring and latch; easy cutting due to lever gear, replaceable knife



Sheet thickness	Alu, Cu, Plastic	L mm	g	No.
1.2	2.0	250	470	7.1049
Spare blade			20	7.1051

4

ROSNIP

Offset- and utility snips

With double transmission: Shear can turn 180° with ease while in metal sheet, wire cutting device. Cutting performance: up to 1.5 mm stainless steel up to 0.8 mm

- Better overview during cutting and no injuries. Handles above the sheet



Model	Model	L mm	g	No.
Offset- and Utility Snips	right	220	400	7.1080
	left	220	400	7.1081

Bulldog Snips with Lever Gear

Shear head drop forged, cutting edge double hardened, fine-tooth system on the cutting edge prevents slippage. Self-opening, tough design, ergonomic PVC handle sleeves. Cutting performance up to 1.8 mm, stainless steel up to 1.2 mm



Model	Model	L mm	g	No.
Bulldog Snips	right	260	560	7.1070
Bulldog Snips	left	260	560	7.1069

Utility Snips with Lever Gear

Shear head drop forged, cutting edge double hardened, fine-tooth system on the cutting edge prevents slippage. Self-opening, tough design, ergonomic PVC handle sleeves. Cutting performance up to 1.8 mm, stainless steel up to 1.2 mm



Model	Model	L mm	g	No.
Utility Snips	right	260	540	7.1071
Utility Snips	left	260	540	7.1073

Offset Snips with Lever Gear

Shear head drop forged, cutting edge double hardened, fine-tooth system on the cutting edge prevents slippage. Self-opening, tough design, ergonomic PVC handle sleeves. Cutting performance up to 1.8 mm, stainless steel up to 1.2 mm



Model	Model	L mm	g	No.
Offset Snips	right	260	570	7.1072
Offset Snips	left	260	570	7.1074

Hammers and Chisels

Hammer

Complies with **DIN 1041**, hickory wooden handle, head secured by sealed shaft

DIN
-Norm



Head weight  g	Total weight  g	No.
300	470	32.2823
400	590	32.2824
500	670	32.2825
800	1180	32.2827
1000	1210	32.2828
1500	1750	32.2829
2000	2340	32.2830

Lump Hammer

Complies with **DIN 6475**, hickory wooden handle, head secured by sealed shaft

DIN
-Norm



Head weight  g	Total weight  g	No.
1000	1170	32.2921
1250	1380	32.2922
1500	1670	32.2923
2000	2250	32.2924

Centre Punch

Tip and cone polished, shaft: octagonal, complies with **DIN 7250**. Chrome vanadium steel, air-hardened and forged

DIN
-Norm



Cone tip  mm	Shaft  g	No.
4 120	10 50	7.7279

Pin Punch Set, 6 pieces



6 part set (No. 7.7297) includes: 4 pin punches 150 x 10 x Ø 3, Ø 4, Ø 5, Ø 6 mm, 2 pin punches 150 x 12 x Ø 7, Ø 8 mm

Model  g	No.
Pin Punch Set	550 7.7297

Chisel

Safety tempered impact head prevents splintering off the chisel head

- Silver lacquered tip
- Chrome manganese silicon steel



No.7.7050



No.7.7072



No. 7.7164



No. 2.5810



No. 7.7245

Model	Length mm	Shaft mm	Cutting Width mm	without hand protection		with hand protection	
				 g	No.	 g	No.
Mason Chisel, flat	300	16	22	470	7.7033	560	7.7050
Mason Chisel, pointed	300	16	–	455	7.7072	545	7.7090
Electrician Chisel	250	8	13	95	7.7164		
Slotted Chisel	235	26 x 7	26	245	2.5811	345	2.5810
Cross Chisel	200	20 x 12	8	315	7.7245		



Vices

Parallel Vice

With forged and hardened pipe jaws, steel forged underneath the parallel vice jaws

- Non-breakable
- Protected, powerful spindle with trapezoidal thread
- Re-adjustable double-sided guide
- Anvil base for levelling and compressing work



Jaw width mm	Clamping width mm	Clamping depth mm	for pipes Zoll	for pipes mm	kg	No.
120	125	65	3/8 - 1.1/2"	16 - 55	8.7	7.0705X
140	150	80	3/4 - 2"	27 - 70	15.6	7.0735X

Pipe Vice

Foldable, with automatic closing hook, upper jaw and lower support jaw milled and hardened. Powerful smooth-running spindle. Durable epoxy-powder coated

- Reliable hold: Pipe support and movable upper jaw



For pipe / inch	for pipe / mm	kg	No.
1/8 - 2"	10 - 60	3.7	7.0710
Spare jaws (contains 3 pcs.)		0.2	7.0670
1/8 - 3"	10 - 89	7.9	7.0712
Spare jaws (contains 3 pcs.)		0.2	7.0672
1/8 - 4"	10 - 114	11.7	7.0711
Spare jaws (contains 3 pcs.)		0.2	7.0671

Chain Pipe Vice

Tough, powerful design with V-shaped support prevents undesired bending during clamping. Bending device, pipe support, wear-resistant jaws are forged and hardened. Powerful chain, quick fastening due to offset lever and pre-tensioning screw, simple conversion to other pipe

- V-shaped pipe supports with teeth and bridge prevent undesired bending during clamping
- Exchangeable jaws



For pipes /inch	for pipes / mm	kg	No.
1/8 - 2.1/2"	10 - 76	3.8	7.0713
Spare jaw		0.7	7.0734
Spare chain		0.5	7.0731
1/8 - 4"	10 - 114	6.2	7.0714
Spare jaw		0.8	7.0721
Spare chain		0.6	7.0732
1/8 - 6"	10 - 165	9.3	7.0715
Spare jaw		0.9	7.0722
Spare chain		1.3	7.0733

ROBOY® Clamping Workbench

For on-site repair and service work

- Portable, handy and practical workbench with smallest dimensions
- Mountable on door frames or walls: Prevents floor damage and saves space
- Pressure plate is coated with rubber to protect against damage
- Spindle with trapezoidal thread for quick adjustment
- With height-adjustable support pipe for additional stability



Parallel Vice (No. 7.0705X) and rotatable table not included

Model	Dimensions / mm	kg	No.
ROBOY®	650 x 400	14.9	7.0700

Tripod Uni Workbench

- Collapsible, stable frame
- Holes and slots for attaching various tools
- Bending of pipes \varnothing 3/8" - 1/2" - 3/4"
- Universal vice attachments applicable for pipe vice (No. 7.0710) and chain pipe vices (No. 7.0713, 7.0714, 7.0715)
- Screw fixture for 1" pipe to enable overhead support of the device



No. 7.0751

Model	kg	No.
Tripod Uni Workbench	15.3	7.0751

Multi-purpose Workbench 1/8" - 2"

Foldable, stable, anti-slip frame, with foldable pipe vice bending holes and large tool rack



Model	inch	kg	No.
Multi-purpose Workbench	1/8" - 2"	21.0	7.0740

Telescopic Workbench

- Stable, collapsible steel tube frame with the smallest dimensions
- Portable, handy and practical
- With tough beech wood plate for an optimal work surface
Steel edges all around: ideal for vice machining
- Individually removable supporting legs for working steps with ease



Model	Size mm	kg	No.
Telescopic Workbench	700 x 450 x 30	17.4	7.0699X

Universal Workbench

- Stable and tough, easy to transport: collapsible tubular frame
- Optimum work surface:
work plate made of processed beech wood
- (Model "Pipe-fitter") Steel edges all around:
ideal for vice machining



Model	Size mm	kg	No.
"Installer"	1200 x 550 x 835	30	7.0690X
"Pipe-fitter"	1000 x 700 x 835	32	7.0696
"Pipe-fitter"	1200 x 750 x 835	38	7.0698





ROTHENBERG

Testing, Measuring and Freezing Equipment

e g e e a a a e e	152	155
e g e e a e e		156
e g P	157	160
e e e g P		161
g e		162
a e e a e e		163
e a g P	164	165
e a g a e e a e		166
a e a e e		167
P e e e g e	168	171



GER

ROTHENBERGER

Testing Devices for Gas and Water Connections

ROTEST® GW DIGITAL V2.2

Product Profile



PP

Testing on gas, water and sewage pipes using air according to the prevailing guidelines: D GW-TRGI G600, TRWI DIN 19 , DIN EN 1610

- 1 Gas pipe testing in accordance with - / ee 600: Testing load 1 bar, pressure testing 150 mbar, 23 mbar with gas
- 2 Water pipe testing in accordance with - 1988: preliminary test 1 bar, main test 110 mbar
- 3 Sewage pipe testing in accordance with 1610: Testing pressures are read according to the pipe diameter
- 4 Special testing is possible with the low pressure sensor up to 250 mbar and high pressure sensor up to 20 bar
- 5 Two ports for logging PC software included
- Device automatically recognises various sensors with different pressure ranges
- Wide range of accessories for added functionality at any time

600/ / 2008 ee g

5

able with 1.0 bar test pressure. able with 150 mbar ea age e ga ga e D GW-TRGI 200 and water piping based on TRWI

3 ea age e e age e a e 1610

Enables air test with medium air on dry concrete, moist concrete, clay pipe and using water as medium



Fig. ROTEST® GW DIGITAL V2.2

Robust pressure sensor with pressure range (250 mbar) blue and (20 bar) red, provide reliable information about the prevailing pressure situation in the pipe interior

Self-blocking quick coupler



up to 250 mbar
up to 20 bar

Ideal for measuring with the House Connection Test Set p. 5



Complete with all accessories in practical case



1 a e e

All needed test period and pressures are included in the software

4 e ge a a e

Automatic recognition of the various sensors and pressure ranges

5 a e

1 port for logging

2 a e e e

All needed test period and pressures are included in the software

Testing Devices for Gas and Water Connections

Set Components ROTEST® GW DIGITAL 2.2



Set (No. 6.1286) includes: Individual components 1 - 21 for gas, water and waste water pipes, as well as serviceability, plastic case
 Set (No. 6.1285) includes: Individual components 1 - 21 without leakage quantity pump (No. 6.1271) and regulator for gas, water and waste water pipes, plastic case

odel	kg	No.
ROTEST® GW DIGITAL 2.2 Set	4.5	6 1286
ROTEST® GW DIGITAL 2.2 Set without leakage quantity pump and adaptor for gas-water	3.	6 1285

Description	ET	g	No.	Description	ET	g	No.
Basic model 2.2	1	2 0	6 1287	Cut-off valve for water	12	165	6 1267
Pressure sensor cable 5-pole	2	0	6 1278	Adaptor 1/2"	13	50	6 1265
Low pressure sensor 2.2	3	40	6 1276	Adaptor 1/ "	14	10	6 1270
High pressure sensor 2.2	4	40	6 1277	Adaptor for burner setting	15	20	6 1274
annual pump	5	200	6 1268	ains adaptor	16	120	6 1094
Double bellows	6	115	6 1273	PC Cable 2, m	17	105	6 1095
Connecting hose	7	195	6 1269	PC Software RoData 2.3	18	20	9 2651
Leakage quantity pump	8	0	6 1271	Operating manual	19	55	9 2637
Adaptor for gas	9	190	6 1263	Padded carrying case	20	1550	6 1272
Adaptor for water	10	160	6 1264	Fine pressure regulator	21	50	6 1284
Cut-off valve for gas	11	155	6 1266	Thermal printer	22	505	6 1052

Description	g	No.	Description	g	No.
Paper roll for thermal printer 4 rolls	40	6 1043	Gas test plugs, size 0, conical 3/ - 1/2"	45	35 1273
Block battery 9 Lithium	35	6 1027	Gas test plugs, size 1, conical 1/2 - 1"	0	35 1274
Rechargeable battery pack	2 0	6 1206	Gas test plugs, size 2, conical 3/4 - 1 1/4"	125	35 1275
Battery pack recharger	500	6 1207	Gas test plugs, size 3, conical 1 1/4 - 2"	1 5	35 1276
Adaptor cable SB-RS 232 with installation CD	100	6 1229	Gas test plugs, size 1, cylindrical 3/4"	60	35 1277
Supply end cap	3 0	35 1279	Gas test plugs, size 2, cylindrical 1"	5	35 1278
manifold	415	6 1282	House connection test set	1610	6 1350

Testing Devices for Gas and Water Connections

ROTEST GW 150/4



e a a a g e e g e e g a a a e
e g a a e e

Product Profile

- 1 Corresponds to the measurement precision requirements of safety regulations
- 2 Extremely long life
- 3 Constant build-up of pressure
- 4 Designed to serve in real-life situations through quick, exact gas pressure measurements

a e 1,0 bar and main test 150 mbar
of natural gas fittings
e e g a g 40 - 60 mbar
P a e g a g 150 mbar
g a e g 3,0 bar / 110 mbar according to 1988
e e e 0 - 30 mbar

600/ / 2008 ee g

5

- 2 - e a
a e ee a
Extremely long life

- 1 P e e a a e e
Corresponds to the measurement precision requirements of 600 and other national safety regulations

- 4 a e a g a
Designed to serve in real-life situations through quick, exact gas pressure measurements

- 3 e
e a e
Constant build-up of pressure



No. 6.1040

Testing scale 4 .5 - 5 .5 mbar, zero point at 50 mbar on transparent extending tube element



Transparent tube element with double o-ring seal



Pressure resistant stainless steel tank and ball valve to isolate the bellows

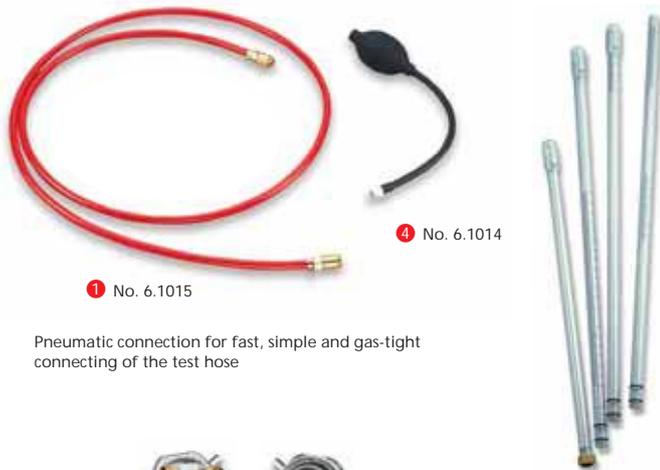


Adjustable scale to set the zero point measurement. Blue liquid for easier reading



Testing Devices for Gas and Water Connections

Set Components ROTEST GW 150/4



1 No. 6.1015

4 No. 6.1014

5 No. 6.1013

Pneumatic connection for fast, simple and gas-tight connecting of the test hose



6 No. 6.1041
Front / Rear View

22 No. 35.1231
23 No. 35.1232
24 No. 35.1233



Galvanised steel, conical shape, for gas fittings up to 1.5

25 No. 35.1225
26 No. 35.1226
27 No. 35.1227
28 No. 35.1228



Scope of delivery: Basic device combinations (No. 6.1040/No. 6.1045), force pump 4 bar (No. 6.1001), stainless steel tank, rubber bellow (No. 6.1014), connecting hose (No. 6.1015), tube element 4 piece (No. 6.1013), (No. H9.6500) plus/minus see description, steel carrying case

Model in combination with the basic device	kg	No.
with gas test plugs and supply end cap	.6	6 1040
with No. 35.1260, No. 35.1261, No. 35.1262, No. 35.12 1, No. 35.12 2, No. 6.1041		
with 5 gas test plugs, without supply end cap	.3	6 1045
with No. 35.1260, No. 35.1261, No. 35.1262, No. 35.12 1, No. 35.12 2, without No. 6.1041		

Description	Parts-No.	kg	No.
Connecting hose	1	130	6 1015
Cut-off valve, gas	2	125	6 1017
Adaptor	3	10	6 1018
Rubber bellow	4	55	6 1014
Tube element, 4 piece	5	120	6 1013
Supply end cap	6	3 0	6 1041
Seal set	7	40	6 1030
Force pump	8	400	6 1011
Spare manometer R 1/4"	9	5	6 1012
Double nipple for hose connection	10	100	9 6591
Measurement fluid, blue	11	100	35 1257



14 No. 35.1262



13 No. 35.1261



17 No. 35.1272



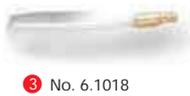
12 No. 35.1260



16 No. 35.1271



2 No. 6.1017



3 No. 6.1018



22 No. 35.1264

18 No. 35.1220

19 No. 35.1221

20 No. 35.1222

21 No. 35.1223



Gas Test Plug / Adaptor

Suitable for gas lines up to 1.5 bar

Description	Steel exterior Pipe inch	Copper exterior Pipe mm	Parts- No.	g	No.
Conical shape					
Gr. 0	3/4 - 1/2"	12 - 20	12	45	35 1260
Gr. 1	1/2 - 1"	20 - 30	13	0	35 1261
Gr. 2	3/4 - 1.1/4"	25 - 40	14	125	35 1262
Gr. 3	1.1/4 - 2"	35 - 60	15	1 5	35 1263
Cylindrical shape					
Gr. 1	3/4"	1 - 22	16	60	35 1271
Gr. 2	1"	2 - 30	17	5	35 1272
Conical shape					
Gr. 0	3/4 - 1/2"	12 - 20	18	200	35 1220
Gr. 1	1/2 - 1"	20 - 30	19	300	35 1221
Gr. 2	3/4 - 1.1/4"	25 - 40	20	300	35 1222
Gr. 3	1.1/4 - 2"	35 - 60	21	400	35 1223
Conical shape with 2 ball valves					
Gr. 1	1/2 - 1"	20 - 30	22	260	35 1231
Gr. 2	3/4 - 1.1/4"	25 - 40	23	420	35 1232
Gr. 3	1.1/4 - 2"	35 - 60	24	00	35 1233
Conical shape with 1 ball valve					
Gr. 0	3/4 - 1/2"	12 - 20	25	200	35 1225
Gr. 1	1/2 - 1"	20 - 30	26	350	35 1226
Gr. 2	3/4 - 1.1/4"	25 - 40	27	390	35 1227
Gr. 3	1.1/4 - 2"	35 - 60	28	600	35 1228

Adaptor Cut-off valve / Double Plug valve

With double plug valve - with hose snout

Description	Parts-No.	g	No.
Adaptor/cut-off valve with pn. connection	29	140	35 1264
Adaptor/double plug with pn. connection	30	290	35 1265



Testing Devices for Water Connections

House Connection Test Set



Complete system for testing various pipework nominal diameters only water

Product Profile

- 1 Flexible and moves easily through bends
- 2 One testing balloon and sealing balloon for the most common diameters
- 3 Easy and better "positioning" of the balloon
- 4 Quick filling of the balloon and pipe system
- 5 Logging of the measured data with the GW DIGITAL 2.2 optional: verification of the completed readings according to DIN EN 1610

2 e g a a ea g a 75-150

One testing balloon and sealing balloon for the most common diameters



No. 6.1350 with electric battery-powered pump

1 g a a a e e e e e e

Flexible and moves easily through bends

4 e a a e - e e e e e g a g e

Quick filling of the balloon and pipe system



5



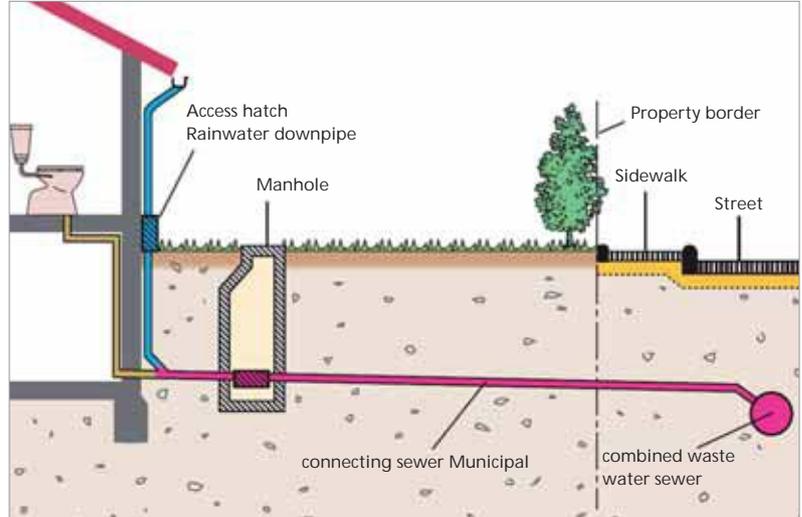
No. 6.1340 with upright pump

3 e g a a ea g a a

Easier and better "positioning" of the balloon

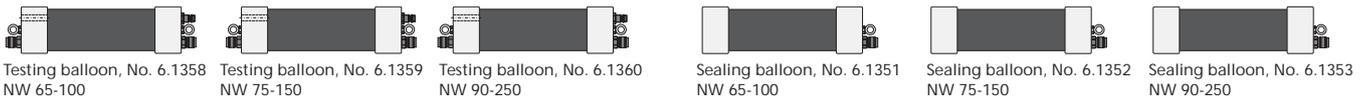


Laying of the sewer



a e 2015 e
a e e eg e
a e
e DIN EN 1610 e a ea age
e g e age e a a e

balloon sizes included in set or available optionally :



- 11- a House Connection Test Set (No. 6.1340) with upright pump includes: sealing balloon NW 75-150 (No. 6.1352), testing balloon NW 75-150 (No. 6.1359), filling hose (No. 6.1365), test valve (No. 6.1365), filling valve (No. 6.1367), slide rod (No. 6.1380), holding rope (No. 6.1368), upright pump with pressure gauge (No. 6.1369), plastic case (No. 6.1370), cover (No. 9.1123), plastic case inlay for upright pump (No. 9.1122)
- 12- a House Connection Test Set (No. 6.1350) with electric battery-powered pump includes: Sealing balloon (No. 6.1352), testing balloon NW 75-150 (No. 6.1359), filling hose (No. 6.1365), test valve (No. 6.1366), filling valve (No. 6.1367), slide rod (No. 6.1380), holding rope (No. 6.1368), battery pump with pressure gauge (No. 6.1371), accessories for battery pump (No. 6.1377), adaptor for battery pump (No. 6.1341), plastic case (No. 6.1370), cover (No. 9.1123), case inlay for battery-powered pump (No. 9.1121)

odel	kg	No.
House Connection Test Set with upright pump	1	6 1340
House Connection Test Set DIN EN 1610 with electrical battery-powered pump	1	6 1350

Product Profile

e g a e e a ge 0 - 60 bar, with 1 bar steps
 0 - 60 psi, with 20 psi steps
 0 - 6 Pa, with 0,1 Pa steps
 approx. 45 ml / stroke
 12 l
 20 x 100 x 260 mm

e a e a ee
 158

- a e e g

RP 50-S / RP 50-S INOX

Pe e g e g 0-60 a
 - a e e g



Product Profile

e g a e e a ge 0 - 50 bar, with 1 bar steps
 0 - 26 psi, with 20 psi steps
 0 - 5 Pa, with 0,1 Pa steps
 approx. 45 ml / stroke
 6,5 l
 100 x 190 x 150 mm

e a e a ee
 159

- a e e g

TP 40-S

Pe e g e a e e
 0-50 a - a e e g



Product Profile

e g a e e a ge 0 - 30 bar, with 1-bar steps
 0 - 440 psi with 20 PSI steps
 16 ml / stroke
 4.5 l
 440 x 200 x 240 mm

e a e a ee
 160

ge- a e e g

RP 30

e g e e g 0-30 a
 ge- a e e g a a ge a e



Product Profile

e g a e e a ge 0 - 25 bar, with 1-bar steps
 approx. 16 ml / stroke
 30 x 215 x 156 mm

e a e a ee
 160

- a e e g

TP 25

a e g e e g 0-25 a
 - a e e g



Testing Pumps

RP 50-S / RP 50-S INOX

Pressure range: 0 - 60 bar

Product Profile

PP

For quick and exact compression testing and leak testing on pipework systems and containers in sanitary and heating installations, and in boiler and pressure vessel manufacturing. Ideal for filling of solar systems

- 1 Constant pressure levels and reduction of leak-prone connections with the double valve system
- 2 Long stroke for quick filling
- 3 Fill and compression testing in one work session, with water or oil
- 4 Ergonomic rubber grip doubles as carrying handle

- 5 Precise measurement
- 6 5 year rust-free guarantee Duramant coated
- Drag indicator displays the maximum, preset pressure

Capacity: 0 - 60 bar, with 1 bar steps
0 - 60 psi, with 20 psi steps
0 - 6 Pa, with 0,1 Pa steps

Volume: approx. 45 ml / stroke
12 l

Dimensions: 20 x 10 x 260 mm
R 1/2"



1 Constant pressure levels and reduction of leak-prone connections

2 Long stroke for quick filling

3 Fill and compression testing in one work session, with water or oil

4 Ergonomic grip doubles as carrying handle

5 Precise measurement

6 Duramant coated

ROTHENBERGER Plus TECHNOLOGY

No. 6.0200

No. 6.0203

Version enables rust-free storage of the liquid

Cut-off valve in monoblock design with valve case

Less effort with the long lever arm

odel	kg	cm	No.
RP 50-S Testing Pump	1	4	6 0200
RP 50-S INO stainless steel Testing Pump	1	4	6 0203



Description	kg	cm	No.	Description	kg	cm	No.
Extra 16 bar pressure gauge with drag indicator, R 1/4" 100	1	6	1316	Replacement piston	120	1	6 1300
Extra 60 bar pressure gauge with drag indicator, R 1/4" 100	1	6	1315	aintenance package RP 50-S	1	6	0201
High pressure hose with 1/4" -1/2" connection	490	1	6 1125				

TP 40-S

Pressure range: 0 - 50 bar

Product Profile

- 1 Constant pressure levels and reduction of leak-prone connections with the double valve system
- 2 Eases pressure discharge through the second valve
- 3 Easy transport and perfect balance with recessed grip
- 4 Anti-slip valve knobs, no confusion as knobs are clearly marked
- 5 Helps avoid spots from splash water
- 6 Shock and corrosion resistant
- 7 With bar, psi and Pascal scale and drag indicator (display of the maximum, preset pressure)

Pressure range: 0 - 50 bar with 1 bar steps
 0 - 26 psi with 20 psi steps
 0 - 5 Pa with 0,1 Pa steps
 approx. 45 ml / stroke
 Capacity: 6,5 l
 Dimensions: 100 x 190 x 150 mm
 Connection: R 1/2"



6 With bar, psi and Pascal scale and drag indicator (display of the maximum, preset pressure)



1 Constant pressure levels and reduction of leak-prone connections

2 Easy transport with the perfectly balanced and reliable grip

3 Anti-slip valve knobs, prevents confusion as knobs are clearly marked

4 Helps avoid spots from splash water

5 Shock and corrosion-resistant



Less effort with the long lever arm



Perfect balance with the recessed grip (easy transport)



Model	Pressure range	Weight (kg)	Dimensions (mm)	No.
TP 40-S Testing Pump	up to 50 bar	5.5	100 x 190 x 150	6 0220
Maintenance package TP 40-S				6 0221

Testing Pumps



Shock-resistant and non-breakable

Simple use

5



Model	Pressure range	kg		No.
RP 30 Testing Pump	up to 30 bar	4,5	1 4	6 1130
Replacement piston			2 4	6 1138
Test hose			3 4	6 1125
Maintenance package			2 4	6 1160

RP 30

Example: 0 - 30 bar
For leak testing of smaller pipework systems and tanks in sanitary and heating installation

- Easy to use with the single-valve system
- Better adjustment with the drain valve
- Ideal for confined spaces
- No false readings from any bulging of the hose steel reinforced test hose

Pressure range	0 - 30 bar, with 1-bar steps
	0 - 440 psi with 20 PSI steps
Capacity	16 ml / stroke
Volume	4,5 l
Dimensions	440 x 200 x 240 mm
Connection	R 1/2"



Example: 0 - 25 bar

Constant pressure levels and reduction of leak-prone connections



Model	Pressure range	kg		No.
TP 25 Testing Pump	up to 25 bar	4.6	1 4	6 0250
Maintenance package TP 25			1	6 0251

TP 25

Example: 0 - 25 bar

- Constant pressure levels and reduction of leak-prone connections with the double valve system
- Non-slip with the working grip
- Ideal for confined spaces with its compact design
- Weather and cold-resistant tank with Duramant-epoxy-coating

Pressure range	0 - 25 bar
	approx. 16 ml / stroke
Volume	l
Dimensions	300 x 215 x 156 mm
Connection	R 1/2"



Integrated pressure gauge

Maintenance package TP 25



Electronic Testing Pumps

RP PRO II



e - g e e a e g

Product Profile	
PP	
Compression testing of pipework systems and containers in sanitary and heating installations, compressed air, steam, and cooling systems, solar systems, hydraulic systems, sprinkler systems and for boiler and pressure vessel manufacture	
<ol style="list-style-type: none"> 1 Effective filling of piping or containers 2 Compression testing occurs within desired pressure range 3 Self-priming liquid supply or from a pressure source possible 	

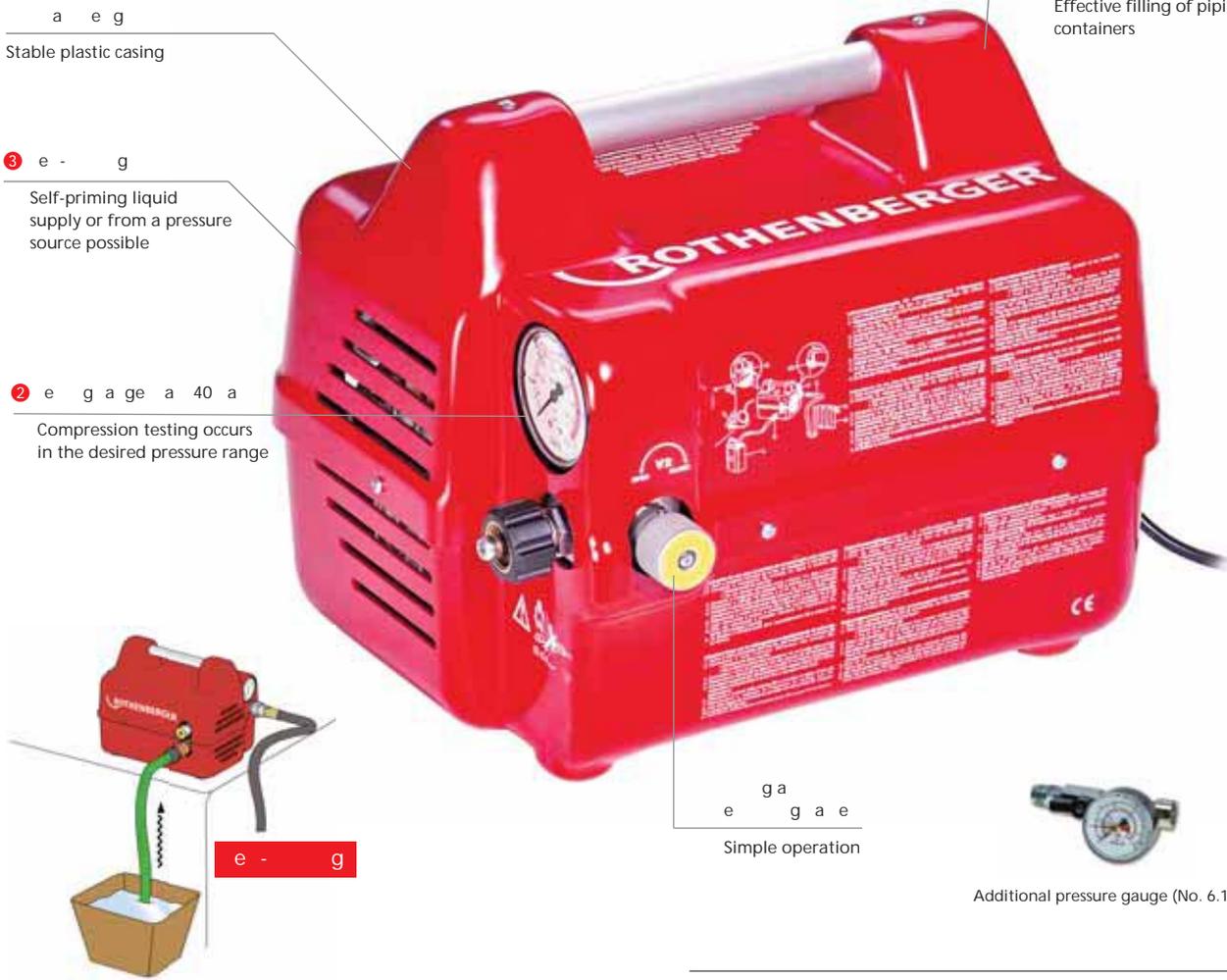
e g a e e a g e	0 - 40 bar with 1 bar steps 0 - 5 0 psi with 20 psi steps 0 - 0,1 Pa steps
a a	l / min
e e	360 x 300 x 295 mm
age	R 1/2"
P e	200 - 240 / 50 H and 110 / 50 - 60 H 1.6 kW

a e g
Stable plastic casing

3 e - g
Self-priming liquid supply or from a pressure source possible

2 e g a g e a 40 a
Compression testing occurs in the desired pressure range

1 g e e e 8 /
Effective filling of piping or containers



e g a e g a e
Simple operation

Additional pressure gauge (No. 6.1009)

Filling hose with adaptor (No. . 00)



High pressure hose with R 1/2 connection, Reduction of measuring errors (No. . 002)



odel	kg	No.
RP PROII Testing Pump, self-priming 230 with power cord, high pressure test hose 2 m and 1/2" connections, filling hose	13.4	6 1180
RP PROII Testing Pump, self-priming 110 with power cord, high pressure test hose 2 m and 1/2" connections, filling hose	13.4	6 1181
Filling hose with adaptor	535	6 1001
Test hose with R 1/2" connection	390	6 1002
Adaptor for filling hose	35	6 1007
Finely scalable extra pressure gauge	50	6 1009



Flushing Compressor

ROPULS Flushing Compressor



g g a e e g e
e e a / a e e

Product Profile

- Ideal for cleansing of floor heating systems
- Compact and sturdy design enables maintenance-friendly, simple operation with the practical carriage
- ① Clear control panel
- ② Removal of rust and other deposits
- ③ Clean, fully hygienic cleaning of drinking water pipes
- ④ Completely oil and water-free air supply

P e e R 1" GK coupling
a a e a e 100 m

a P e a e e 2"
a a e 5 m³ / h
a a e e e e bar
a a e e e a e 30 C
P e a IP 54 icro-Filter
e a a a e 99.9
Pa e e e a e 0.3 m Compressor
e 200 l / min
a g e e bar 116 PSI
a a a 10 l
e g 1.5 kW
a e 230 - 50 / 60 Hz
e 630 x 3 0 x 340 mm

5



① a ge a a e e e
e e a e a g a

Clear control panel

② g g a e e
g g e e a / a e
a e 1988

Gentle and thorough removal of rust and other deposits

③ g a g g
a e a e e g g

Clean, fully hygienic cleaning of drinking water pipes

④ e a a e e
e a a e

Completely oil and water-free air supply

- g 72

Simple flushing of pipelines



Cleaning of floor heating



ea ea g
ea g e

odel



No.

ROP LS Flushing Compressor with hoses

2

6 0100

ROLEAK Aqua



ea e e e e e e

Product Profile

- The ROLEAK Aqua is designed for the interior zone, it can also be used for leaks in the exterior zone as a ground microphone
- 1 Leak detection possible even in the dark
- 2 The ROLEAK Aqua increases flow sound and enables leaks to be pinpointed
- 3 Wireless transmission of the signal to headphones over 20m
- 4 Also for use as a ground microphone
- 5 Optical and acoustic display
- 6 Leak detection possible even in the dark

ea a LED display
 e 0 - 10 noise levels
 a e e e e e ROLEAK Aqua: 2 x 1,5 AA
 a e e e e e
 ea e 2 x 105 AAA
 e 3 fixed filter adjustments
 low, broadband, high
 e e a ge 0 - 4 kHz
 a a ge up to 20 m
 a e e 64 Hz device and headphones
 e 114 mm x 35 mm x 25 mm
 e a g e approx. 50 h

6 eg a e a

Leak detection possible even in the dark

1 e e e a a

Leak detection on various pipe materials and dimensions

5 10 e e

Optical and acoustic display

4 a e e e

Also for use as a ground microphone

3 e e e g

Wireless transmission of the signal to headphones over 20 m

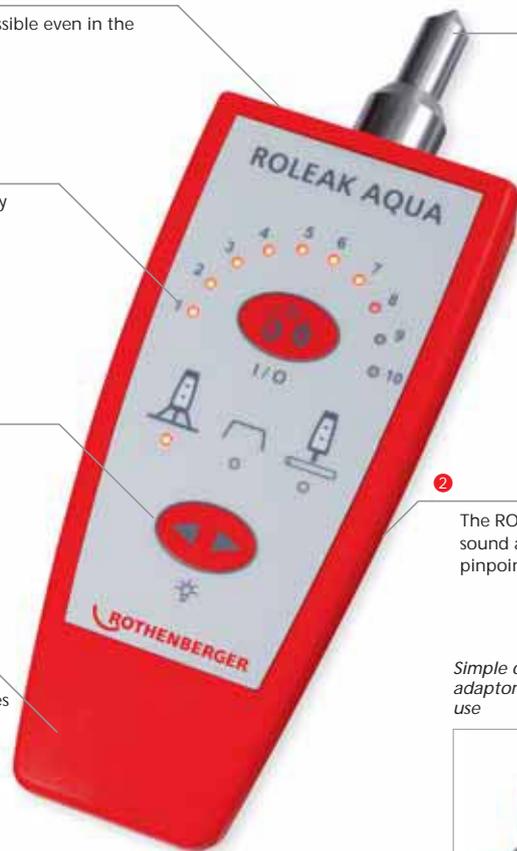
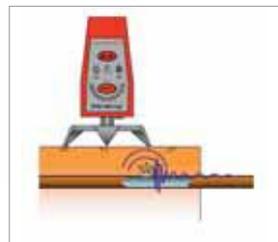


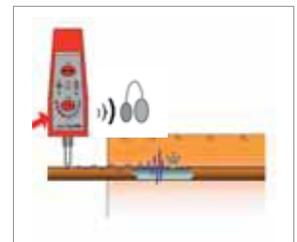
Fig. ROLEAK Aqua Set

2 e e e e
 The ROLEAK Aqua increases flow sound and enables leaks to be pinpointed

Simple operation with the tripod adaptor for indoor and outdoor use



Wireless transmission to headphones



6- a set (No. 6.6090) includes: Basic Device (No. 6.6091), headphones (No. 6.6092), magnet adaptor (No. 6.6094), extension bar (No. 6.6093), pipe adaptor (No. 6.6097) and tripod adaptor (No. 6.6096), plastic carrying case (No. 6.6095)

odel	kg	No.	odel	g	No.
ROLEAK Aqua Set	1.4	6 6090	ROLEAK Aqua Basic Device	245	6 6091

Description	g	No.	Description	g	No.
Headphones	1 5	6 6092	Extension bar	50	6 6093
magnet adaptor	25	6 6094	Tripod adaptor	100	6 6096
Pipe adaptor	10	6 6097	Carrying case with inlay	925	6 6095

Decalcifying Pumps

ROMATIC 20



e a a a a e
a g a a e e e a

Product Profile
PP
Intended for use by strong calcifications and encrustations for systems up to 300
<ul style="list-style-type: none"> 1 Easy and quick dissolution of lime scale deposits 2 Quick filling and emptying 3 Faster and more effective decalcifications

P e g	40 l / min.
e g e e	1,3 bar
e e e g	10 m
a a a	15 l
e g	150 Watt
a e	230 50 / 60 Hz

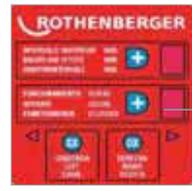
1 a e e e a
Easy and quick dissolution of lime scale deposits

2 g e a e
Quick filling and emptying, high flow rate for decalcifying liquid

a 300

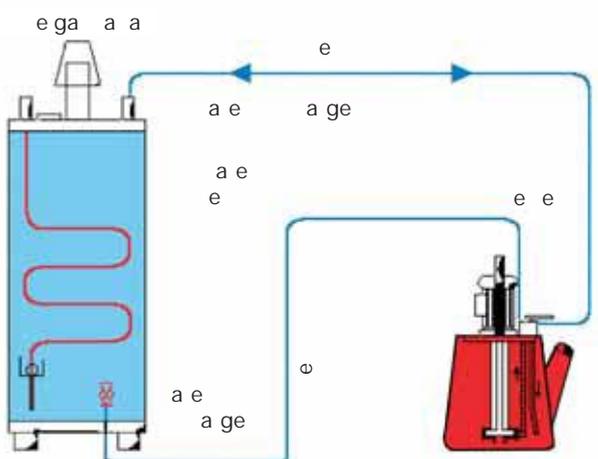


3 e e a e 50
Faster and more effective decalcifications



P g a a e e a e a e a
e e e a 20
Simple handling and execution of decalcification

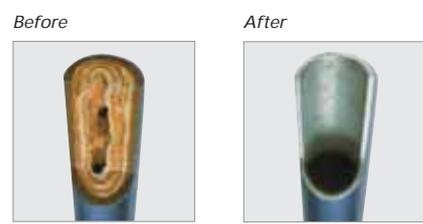
odel	kg		No.
RO ATIC 20	6	1	6 1190
e a a e a e	166		



ROCAL System

ROCAL Decalcifying Pumps

e e e e g
For quick and effective decalcification of water heaters, boilers heat exchangers, cooling systems and more. Decalcifying chemicals offered optionally for effective decalcification.

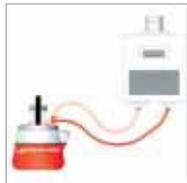


ROCAL 20



e a a a a a e
e

Product Profile	
PP	
Annual decalcification pump. Intended for normal calcification for systems up to 300	
P e g	40 l / min.
g e e	1.3 bar
e e e g	10 m
a a a	15 l
e g	150 Watt
a e	230 50 / 60 Hz



a a 300

odel	kg		No.
ROCAL 20	6	1	6 1100
e a a e a e	166		

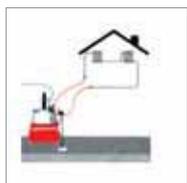


ROCALPOWER FLUSHER



e a a a g a a e
e

Product Profile	
PP	
● For quick filling and emptying of large systems from 300 up to approx. 1000	
P e g	50 l / min.
g e e	2 bar
e e e g	20 m
a a a	24 l
e g	2 0 Watt
a e	230 50 / 60 Hz



a a 300 - 1000

odel	kg		No.
ROCALPOWER FLUSHER	11	1	6 1197
e a a e a e	166		



Decalcifying and Boiler Cleaners

ROCAL Chemicals

e a a e a e e a ee

Product Profile

- Non-foaming
- With corrosion protection
- Increases pump service life

e The chemicals change colour with use. Active product is red, used product is yellow-orange
10 to 30 in water



No. 6.1115



No. 6.1120



No. 6.1105



No. 6.1106



No. 6.1110

5



odel	kg			No.	odel	kg			No.
Neutraliser powder	1	1	5	6 1115	Decalcifying concentrate	10	1	2	6 1106
Neutraliser powder	10	1	2	6 1120	Decalcifying concentrate	30	1		6 1110
Decalcifying concentrate	5	1	4	6 1105					

ROCLEAN

ea -

The ideal sprayer for boiler cleaning, universally applicable for clean, economical and safe work

Set (No. 6.1000X) includes: High-performance pump, individual components 1 3

odel	Parts-No.	g	No.
ROCLEAN manual pump complete:		3600	6 1000
Spray hose, 2 m	1	140	6 0985
Spray pipe, straight, 500 mm	2	100	6 0986
Spray pipe, curved, 500 mm	3	100	6 0987
Spray nozzle		10	6 0990
Spare seal set		10	6 0998

g e e made of plastic and corrosion-proof
P with
O-ring seal
P e e ga ge 35 mm with scale 0 - 3 bar, drain valve
e
530 x 210 mm



ROCLEAN F3X

e ea e

With corrosion protection for total cleaning and maintenance of furnaces, dissolves non-burnable remains like rust in seconds up to a wall thickness of 1.2 mm with a residence time of 5 min.

odel	Contents	kg			No.
Canister	5 litre	5.2	1	4	6 1005



a e a e / a e :
1:20 = for normal soiling
1:15 = for strong soiling
1:10 = for very strong soiling



ROTEST Electronic 3

For detection of gas in rooms, as well as leaks in pipes with the methane gas sensor

Product Profile

a a e e e a
 a a a a
 a a 9 square battery
 P e e
 e e all gases with a CH₄ basis methane, acetone, butane
 propane and natural gas
 a of the gas concentration up to 1 ol.

a e ea e e e
Finds leaks easily

Finds leaks easily



Leak detection possible even in the dark



e e g e e 420
Easily reaches into hard-to-reach places

a e e
Increased protection of the device



Fig. ROTEST® Electronic 3 Set

Set (No. 6.6080) includes: ROTEST® Electronic 3, 9 V battery, plastic carrying case (No. 6.6085)

odel	kg	No.
ROTEST Electronic 3 in plastic carrying case	1.5	6 6080

Description	g	No.	Description	g	No.
Sensor	20	6 6086	Plastic carrying case	250	6 6085
Sensor cover	10	6 6087			

ROTEST

ea e e a
 Ideal for testing of gas lines, also for use in cooling technology.
 Neutral against the most common gasses and refrigerants, CFC-free,
 tested by the DVGW



DVGW tested
Reg.-No. 83.01 e 538



odel	Contents	g	No.
ROTEST leak detection spray	400 ml	4 0	12 6 5000

Pipe Freezing Systems

ROFROST TURBO 1.1/4 and 2



g - e e ee g e e ee a
a e e

Product Profile

PP

Ideal for maintenance, repair and expansion work in sanitary and heating installations safe and controlled freezing

- 1 Fully automatic and monitored freezing
- 2 Portable use, optimal for the service industry
- 3 Also for use in confined spaces
- 4 Safe, controlled freezing and monitoring
- 5 High flexibility and uninterrupted operation

- 6 Reduction inserts in various sizes
- 7 Over head freezing possible
- Environmentally friendly: CFC-free

e e	10 - 42 mm	Rofrost Turbo 1.1/4"
	10 - 60 mm	Rofrost Turbo 2"
	1/2 - 1.3/ "	Rofrost Turbo 1.1/4"
ee e	1/4 - 1.1/4"	Rofrost Turbo 1.1/4"
	1/4 - 2"	Rofrost Turbo 2"
Pa e a e a a		e e

5



4 a g e e a e a

Safe, controlled freezing and monitoring

ea e a ee a e
a a ee g
a g



5 e e a a a
e

High flexibility and uninterrupted operation

3 e a g e

For use even in confined spaces

2 a e g

Portable use, optimal for service industry

1 e ge a e

Fully automatic and monitored freezing

6 e
10 - 2 1/8

Reduction inserts in various sizes



Pipe Freezing Systems

1 1/4

A_{min} = 27 mm
B_{min} = 37 mm

Use on vertical pipes in corners

A_{min} = 52 mm

Use on pipes wall fitting / valve

A_{min} = 13 mm

Use on vertical pipes on walls

2

A_{min} = 37 mm
B_{min} = 45 mm

Use on vertical pipes in corners

A_{min} = 57 mm

Use on pipes wall fitting / valve

A_{min} = 17 mm

Use on vertical pipes on walls

7 Over head free ing possible



Reduction Inserts

e			1 1/4											2			
e	e	ee		e	6 2200	6 2201	6 2202	6 2220	6 2203	6 2204	6 2205	6 2206	6 2240				
					230 50	110 50	115 60	230 50	230 50	110 50	115 60	230 50	230 50				
10 mm	3/ 8"	G 1/ 8"	6 2217	I	●	●	○	○	○	○	○	○	○				
12 mm	1/2"		6 2211	II	●	●	●	○	○	○	○	○	○				
14/15 mm		G 1/4"	6 2212	III	○	○	○	○	○	○	○	○	○				
16 mm	5/ 8"		6 2219	I	○	○	○	○	○	○	○	○	○				
18 mm		G 3/ 8"	6 2213		●	●	○	○	○	○	○	○	○				
20 mm	1"		6 2224	I	○	○	●	○	○	○	○	○	○				
22 mm	1"	G 1/2"	6 2214	II	●	●	●	●	○	○	○	○	○				
			6 2226	III	○	○	○	○	○	○	○	○	○				
24 mm		G 3/4"	6 2215	I	●	●	○	○	○	○	○	○	○				
			6 2227		○	○	○	○	○	○	○	○	○				
32 mm	1.1/4"		6 2221	I	○	○	○	○	○	○	○	○	○				
35 mm	1.3/ 8"	G 1"	6 2216	II	●	●	●	○	○	○	○	○	○				
40 mm		G 3/4"	6 2231	A					●	●	●	●	○				
			6 2232	B					○	○	○	○	○				
			6 2233	C					○	○	○	○	○				
35 mm	1.3/ 8"	G 1"	6 2234	D					○	○	○	○	○				
42 mm		G 1.1/4"	6 2235	E					●	●	●	●	●				
		G 1.1/2"	6 2236	F					○	○	○	○	○				
54 mm	2.1/ 8"		6 2237	G					○	○	○	○	○				

● e e ○ a a e a

Anti-kink, diffusion proof mono-tube system with plastic capillary pipes guarantees high flexibility and uninterrupted operation



Excellent overall size for working close to walls or on floors



Can also be used with parallel running pipes and in confined spaces



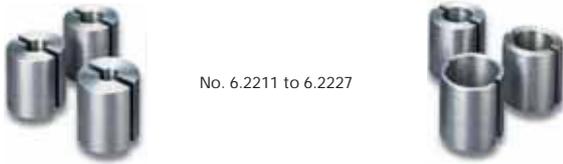
Trouble-free use near walls, only 52 mm contact surface on pipe required



a a a e e ee 170

Pipe Freezing Systems

ROFROST Reduction Inserts



No. 6.2211 to 6.2227

ROFROST TURBO 1.1/4

Reduction inserts	Nom. size Cu	Nom. size Cu	Nom. size Fe	g	No.
Gr. I	10 mm	3/4"	1"	190	6 2217
Gr. II	12 mm	1/2"	-	1 0	6 2211
Gr. III	14/15 mm	-	1/4"	1 0	6 2212
Gr. I	16 mm	5/8"	-	1 0	6 2219
Gr.	1 mm	-	3/4"	165	6 2213
Gr. I	20 mm	3/4"	-	155	6 2224
Gr. II	22 mm	1"	1/2"	145	6 2214
Gr. III	-	1"	-	125	6 2226
Gr. I	2 mm	-	3/4"	110	6 2215
Gr.	-	1.1/4"	-	90	6 2227
Gr. I	32 mm	1.1/4"	-	0	6 2221
Gr. II	35 mm	1.3/4"	1"	65	6 2216



ROFROST TURBO 2

Reduction inserts	Nom. size Cu	Nom. size Cu	Nom. size Fe	g	No.
Gr. A	2 mm	-	3/4"	190	6 2231
Gr. B	-	1.1/4"	-	1 0	6 2232
Gr. C	32 mm	1.1/4"	-	1 0	6 2233
Gr. D	35 mm	1.3/4"	1"	1 0	6 2234
Gr. E	42 mm	-	1.1/4"	165	6 2235
Gr. F	-	-	1.1/2"	155	6 2236
Gr. G	54 mm	2.1/4"	-	145	6 2237
Expansion set 12 - 15 - 1 - 22 mm					6 2230

The reduction insert size E, 42 mm serves as an adaptor piece for fitting ROFROST TURBO 1.1/4" reduction inserts size I size II



No. 6.2291

ROFROST Heat Conductive Paste

Description	Contents	g	No.
ROFROST Heat Conductive Paste	150 ml	130	1 6 2291

For optimal heat conduction between cold sleeve, reduction insert and pipe surface. Residue free work, physiologically neutral



Efficient freezing in small spaces
Safe, time-saving application



Set (No. 6.4020) includes: Individual components Parts-No. 1 - 10

Model	Parts-No.	g	No.
ROFROST Handy		2400	6 4020
Quick Freeze freezing spray	1	500	6 4001
Freezer head 1/4"	2	0	6 4021
Freezer head 3/4"	3	0	6 4022
Freezer head 1/2"	4	0	6 4023

ROFROST Handy



Freezer head 15 - 28 mm
1/4 - 3/4"

Product Profile

- Pipe freezing system is ideally for quick repairs and small expansion tasks for sanitary, heating and water installations
- Enables the installation of additional service valves
- Exchange of fittings on defective service valves
- Enables the exchange of heating pumps

Freezer head 15 - 2 mm
1/4 - 3/4"



Model	Parts-No.	g	No.
Freezer head 3/4"	5	120	6 4024
Internal hexagonal screwdriver	6	500	6 5046
Foam insert	7	20	6 4026
Plastic carrying case without inlay	8	400	3 0898
Inlay for plastic carrying case	9	10	6 2045
ROTHENBERGER fleece cloth	10	10	9 3915



ROFROST CO2 Freezer Set

10 - 60

Product Profile	
<ul style="list-style-type: none"> For quick, easy and safe freezing using carbon dioxide CFC free 	
10 mm - 60 mm	1/2 - 2.1/ "
1/ - 2"	



No breaking of freezing sleeve

19- a set (No. 6.5030) includes: 2 handles with feed valves (No. 6.5032), 2 high pressure hoses (No. 6.5033), 10 pairs of freezer heads (2 for each pipe dimension) (see table page 169), T-piece for bottle connection (No. 6.5034), stopper for one-sided freezing (No. 6.5049), wrench (No. 6.5045), internal hexagonal screwdriver (No. 6.5046), in plastic carrying case (No. 6.5031)

for Copper pipes mm	for Copper pipes inch	for Steel pipes inch	kg	No.
10 - 60	1/2 - 2.1/ "	1/ - 2"	4.9	6 5030

Extremely short freezing times



Use carbon dioxide bottles only with stand pipes

Safe, time-saving application

Efficient freezing in small spaces



ROFROST Freezer Heads

made of extremely cold-resistant special plastics

Size	for Copper pipes mm	for Copper pipes inch	for Steel pipes inch	kg	No.
1	10 - 12	1/2"	1/ "	60	6 5035
2	14 - 15	-	1/4"	60	6 5036
3	16 - 1	5/ "	3/ "	0	6 5037
4	22	3/4 - / "	1/2"	0	6 5038
5	2	1.1/ "	3/4"	110	6 5039
6	35	1.3/ "	1"	110	6 5040
	42	1.5/ "	1.1/4"	210	6 5041
	-	-	1.1/2"	210	6 5042
9	54	2.1/ "	-	250	6 5043
10	60	-	2"	250	6 5044



ROFROST CO2 Spare Parts



No. 6.5032



No. 6.5033



No. 6.5045



No. 6.5046

Description	kg	No.
Handle with feed valve and bayonet connection	1 0	6 5032
High pressure refrigerant hose, 2 m	140	6 5033
Refrigerant hose extender set 2 x 2 m with 2 connectors	290	6 5047
T-piece with bottle connections W 21, x 1/14	1650	6 5034

Description	kg	No.
Stopper for one-sided freezing	10	6 5049
Repair set nozzle/filter piece for feed valve	20	6 5048
Wrench 14 x 1 mm	16 0	6 5045
Internal hexagonal screwdriver No. 4	500	6 5046
Plastic carrying case	2600	6 5031

Soldering and Welding Equipment

Application Table	174 – 175
"Mobile Energy"	176 – 181
Disposable Gas Cartridges and Accessories	182 – 183
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Warming-up Torch	190
Propane Accessories	191 – 192
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6

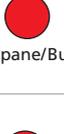
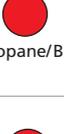
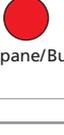


ROTHENBERGER®

Systemised Soldering, Brazing and Welding Equipment

Application Table

Product listing according to application areas

CARTRIDGE SOLDERING UNITS				Soft soldering up to 450 °C	Brazing, etc. 450 °C-1100 °C	Gas Cartridge Types				
	SUPER FIRE 3		176							
	POWER FIRE		180							
	POWER FIRE COMPACT		180							
	ROFIRE PIEZO 1.950 °C / ROFIRE 1.800 °C / EASYFIRE (only basic) with Maxigas		181							
	ROFLAME PIEZO 1.800 °C		181							
						Disposable gas cartridges  176 - 177				
ACETYLENE AND PROPANE TORCHES				Basic	Hot	Gas Cartridge Types				
	AIRAC®		199							
	ROCOLT HANDY PIEZO		184, 185							
	AIRPROP		186							
	TURBOPROP		187							
	Titanium Torch / Roofing Set		185/190							
	Gas-fired Soldering Irons		188							
	Multi 300		189							
						Light steel cylinders  200				

The bottle colours shown are without obligation!



Systemised Soldering, Brazing and Welding Equipment

GAS-WELDING EQUIPMENT				Soft soldering up to 450 °C	Brazing 450 °C-1100 °C	Gas welding > 1100 °C	
	ROFLASH	 198					
	RE 17	 196,197					
	Allgas 2000	 193 - 195					
	ROXY KIT	 195					
ELECTRIC SOFT SOLDERING UNIT							
	ROTHERM 2000	 204, 205					

Light steel cylinders  200

Disposable gas cartridges  182, 183



Soldered Joints

Material	Required Hard Solder	Melting Range	Working Temperature	Standard
Copper-Copper 	S 34 Cu / S 34 Cu U S 94 / S 94 XN / S1 S 2 / S 5 S 15 S 30 / S 30 U S 45 / S 45 U	630 °C - 730 °C 710 °C - 880 °C 650 °C - 810 °C 650 °C - 800 °C 600 °C - 690 °C 595 °C - 630 °C	710 °C 730 °C 710 °C 710 °C 680 °C 610 °C	DIN EN 1044
Copper-Carbon Steel 	S 34 Cu / S 34 Cu U S 45 Cu / S 45 Cu U S 30 / S 30 U S 45 / S 45 U	630 °C - 730 °C 640 °C - 680 °C 600 °C - 690 °C 595 °C - 630 °C	710 °C 670 °C 680 °C 610 °C	DIN EN 1044
Copper-Brass 	S 94 / S 94 XN / S1 S 2 S 5 S 15	710 °C - 880 °C 650 °C - 810 °C 650 °C - 810 °C 650 °C - 810 °C	730 °C 730 °C 710 °C 710 °C	DIN EN 1044
Brass-Carbon Steel 	S 30 / S 30 U S 45 / S 45 U S 34 Cu / S 34 Cu U S 45 Cu / S 45 Cu U	600 °C - 690 °C 595 °C - 630 °C 630 °C - 730 °C 640 °C - 680 °C	680 °C 610 °C 710 °C 670 °C	DIN EN 1044
Brass-Brass 	S 94 / S 94 XN S 1 (not standardised) S 2 / S 5 S 15	710 °C - 880 °C 710 °C - 880 °C 650 °C - 810 °C 650 °C - 810 °C	730 °C 730 °C 710 °C 710 °C	DIN EN 1044
Carbon Steel-Carbon Steel 	S 30 / S 30 U S 45 / S 45 U S 34 Cu / S 34 Cu U S 45 Cu / S 45 Cu U	600 °C - 690 °C 595 °C - 630 °C 630 °C - 730 °C 640 °C - 680 °C	680 °C 610 °C 710 °C 670 °C	DIN EN 1044

The bottle colours shown are without obligation!

"Mobile Energy"

SUPER FIRE 3

Ergonomic HEAVY-DUTY brazing unit up to Ø 28 mm

For soft soldering, brazing and other applications such as loosening of colour or shrinking of hoses

Product Profile

KEY FEATURES

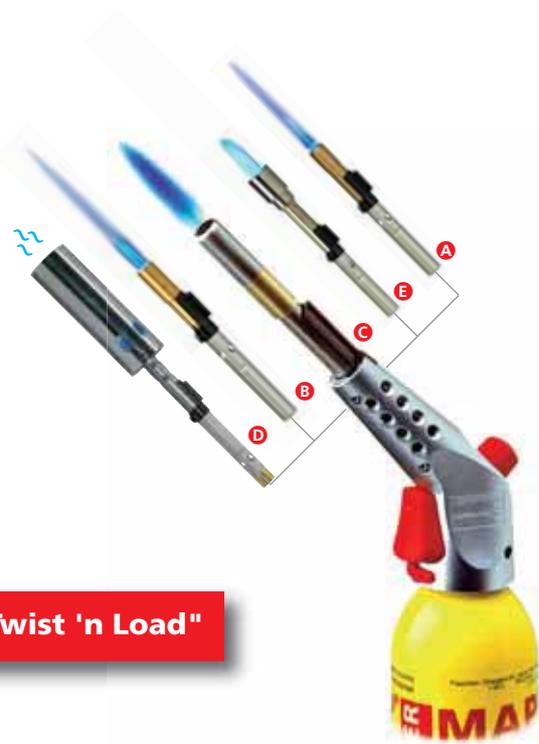
- Versatile - for use in all positions (360°)
- ❶ Extremely high flame temperature
- ❷ Long service life
- ❸ "Twist 'n Load" system (5 different nozzles available)
- ❹ Precise flame adjustment
- ❺ Up to 2.5 hours of hard soldering with one cartridge
- ❻ Even more comfortable for longer jobs
- ❼ Reliable Piezo ignition (up to 30,000 ignitions)
- ❽ Doubles the safety

TECHNICAL DATA

Brazing:	up to Ø 28 mm
Soft soldering:	up to Ø 35 mm
Coupling:	7/16" EU
Handle:	Aluminium, bolted
Burner:	Brass / stainless steel
"Twist 'N Load":	5 different nozzles for different uses

SUPER FIRE 3 Nozzles

Quick exchange with the "Twist 'N Load" system



Pin-point Nozzle:



For fine soldering; precise and stable flame

Standard Nozzle:



For soft soldering and other jobs with lower heat application; precise, powerful and stable flame

Cyclone Nozzle:



For hand and soft soldering with an efficient swirl flame (allows pipe to heat up evenly)

Hot air Nozzle:



For the removal of paint and for shrinking work up to approx. 80 mm diameter; wind-stable, powerful current of hot air

Shrinking Nozzle:



For shrinking up to dia. 300 mm and for heating; powerful, wind-stable soft flame

Soft soldering in heating installation



High flame temperature through cyclone swirl



Hard soldering in gas installation



Hard soldering in refrigeration and climate control



"Mobile Energy"



"Twist 'N Load"

1 Nozzle with swirl flame
Extremely high flame temperature

2 Elaborately manufactured brass / stainless steel design
Long service life

3 Fast "Twist 'n Load" system
Exchange of the nozzle with one movement (5 different nozzles available)

4 Fine regulating valve
Precise flame adjustment

5 ROTHENBERGER MAPP® Gas
Up to 2.5 hours of brazing with one cartridge

6 Locking button
Continual use

7 High Performance Piezo
Reliable (up to 30,000 ignitions)

8 Only ignites if torch has been securely locked
Dual safety

Ergonomically designed handle made of high-quality aluminium
Robust and optimum handling

Can be used in any position (360°)



Fig. Hot Box (No. 3.5490/No. 3.5490U)



Loosening of paint



Shrinking of hoses (optimal with propane gas)

"Mobile Energy"



Fig. SUPER FIRE 3 HOT BOX

SUPER FIRE 3 HOT BOX



KEY FEATURES

- The ideal service kit



Including
flame reflector

5 part set (No. 3.5490) includes: handle (No. 3.5445), cyclone nozzle (No. 3.5457), pin-point nozzle (No. 3.5455), flame reflector (No. 3.1043), universal torch support (No. 3.5461), 2 x MAPP® gas cartridges (No. 3.5551-A), carrying case

Model			No.
SUPER FIRE 3 HOT BOX	1	4	3.5490
SUPER FIRE 3 HOT BOX US, without MAPP® gas	1	4	3.5490U

6



No. 3.5436/No. 3.5431



No. 3.5432



No. 3.5437

When placing your order, remember to order the universal torch support (No. 3.5461) for stationary soldering, too!

SUPER FIRE 3 Basic Set

Set (No. 3.5436/No. 3.5431) includes:
handle (No. 3.5445), cyclone nozzle (No. 3.5457)



SUPER FIRE 3 MAPP®-Set

Set (No. 3.5432) includes:
handle (No. 3.5445), cyclone nozzle (No. 3.5457),
MAPP® gas cartridge (No. 3.5551-A)



SUPER FIRE 3 All-In-One-Set

Set (No. 3.5437) includes: handle (No. 3.5445),
cyclone nozzle (No. 3.5457), pin-point nozzle
(No. 3.5455), universal torch support (No. 3.5461),
MAPP® gas cartridge (No. 3.5551-A)



Model			No.
SUPER FIRE 3 Basic Set	1	4	3.5436
SUPER FIRE 3 Basic Set US	1	4	3.5431
SUPER FIRE 3 MAPP® Set	1	10	3.5432
SUPER FIRE 3 All-in-One-Set	1	5	3.5437

ACCESSORIES



Description		No.	Description		No.
Pin-point nozzle 15 mm	1	176 3.5455	Hot air nozzle 38 mm	4	176 3.5458
Standard nozzle 16 mm	2	176 3.5456	Shrinking nozzle 24 mm	5	176 3.5459
Cyclone nozzle	3	176 3.5457	Handle, EU coupling	6	3.5445
O-Ring set (2 pieces)		83.0806	Flame reflector		191
Universal torch support MAPP® Gas		3.5461	MAPP® Gas		182



SUPER FIRE 3 MAPP® Mixed Displays

Display 1.9167-A contains:

- 2 x SUPER FIRE 3 MAPP® Set (No. 3.5432)
- 2 x SUPER FIRE 3 All-in-One-Set (No. 3.5437)
- 4 x SUPER FIRE 3 HOT BOX (No. 3.5490)
- 24 x MAPP® Gas cartridge (No. 3.5551-A)

Display 1.9169-A contains:

- 3 x SUPER FIRE 3 MAPP® Set (No. 3.5432)
- 2 x SUPER FIRE 3 All-in-One-Set (No. 3.5437)
- 4 x SUPER FIRE 3 HOT BOX (No. 3.5490)
- 1 x Hot air nozzle 38 mm (No. 3.5458)
- 1 x Pin-point nozzle 15 mm (No. 3.5455)
- 1 x Cyclone nozzle 16 mm (No. 3.5457)
- 24 x MAPP® Gas cartridge (No. 3.5551-A)



No. 1.9167-A



No. 1.9169-A

Model		No.
SUPER FIRE 3 MAPP® Mixed Display	1	1.9167-A

Model		No.
SUPER FIRE 3 MAPP® Mixed Display	1	1.9169-A

ACCESSORIES



Description		Description	
Flame reflector ROVLIES®	191	Solders	206 - 211
External brushes for copper pipe	203	Welding blanket	203
Internal brushes for copper pipe	203	Fittings flux	207
		Disposable gas cartridge	182, 183



"Mobile Energy"

POWER FIRE

PROFESSIONAL brazing- Ø 22 mm
and soft soldering-unit up to Ø 35 mm



Product Profile

KEY FEATURES

- 1 Ideal for brazing up to Ø 22 mm
- 2 Precise adjustment of the flame
- 3 Adjustable for all gases (adjustable access valve)
- 4 Continual use with locking button
- 5 Immediate flame ignition, up to 30,000 ignitions

TECHNICAL DATA

Brazing: up to Ø 22 mm
Soft soldering: up to Ø 35 mm
Coupling: 7/16" EU
Handle: Fibreglass reinforced plastic
Burner: Stainless steel



7/16" EU-thread
Applicable with every
ROTHENBERGER Gas



Fig. POWER FIRE Set



1 Nozzle with swirl flame

Extremely high
flame temperature

Sideways flame



Frontal flame



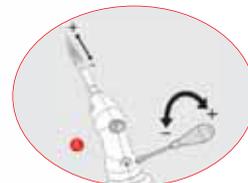
2 Fine regulating valve

Precise flame adjustment



3 Adjustable access valve

Adjustable for all gases



5 Piezo ignition

Immediate flame ignition
up to 30,000 ignitions



4 Locking button

Continual use

No. 3.0812

Model		No.
POWER FIRE MAPP® Set (including MAPP® Gas)	1 8	3.5427

Model		No.
POWER FIRE handle, EU	1 10	3.0812
POWER FIRE handle, US	1 10	3.0811

45% lighter!



POWER FIRE Compact

PROFESSIONAL brazing- Ø 22 mm
and soft soldering-unit up to Ø 35 mm



KEY FEATURES

Characteristics

- With Piezo ignition button
- For use in all positions (MAPP® Gas)
- Compact and 45% lighter (compared to POWER FIRE)



TECHNICAL DATA

Coupling: 7/16" EU
Brazing: up to Ø 22 mm
Soft soldering: up to Ø 35 mm



Model	No.
POWER FIRE Compact Set (including MAPP® Gas)	3.0813

ROFIRE 1800 °C



ECONOMY soft soldering unit up to Ø 22 mm

KEY FEATURES

- Burner with integrated support bracket
- Precise adjustment of the flame with the fine adjustment valve

TECHNICAL DATA

Coupling: 7/16" EU
Soft soldering: up to Ø 22 mm



Model	g	No.
ROFIRE 1800 °C Set, contains: Burner (No. 3.5506), Multigas 300 (3.5510)	760	3.5428

ROFIRE PIEZO 1950 °C



ECONOMY soldering unit Ø 28 mm

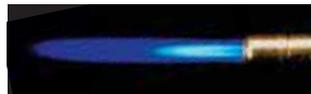
Powerful soldering unit for CU-brazing joints up to Ø 15 mm and soft soldering up to Ø 28 mm

KEY FEATURES

- Piezo Ignition
- Precise adjustment of the flame
- Burner head with integrated support bracket

TECHNICAL DATA

Coupling: 7/16" EU
Brazing: up to Ø 15 mm
Soft soldering: up to Ø 28 mm



Model	g	No.
ROFIRE PIEZO 1950 °C Set, contains: Burner (No. 3.5556), including Multigas 300 (No. 3.5510)	760	3.5429

ROFLAME PIEZO 1800 °C

CLASSIC soft soldering unit Ø 22 mm

High performance torch with Piezo ignition

KEY FEATURES

- Piezo Ignition
- Precise adjustment of the flame

TECHNICAL DATA

Coupling: Pluggable cartridge
Soft soldering: up to Ø 22 mm



Model	g	No.
ROFLAME PIEZO 1800 °C (without gas cartridge)	750	3.5931

EASY FIRE

ECONOMY soft soldering up to Ø 22 mm

High performance torch with Piezo ignition



KEY FEATURES

- Piezo Ignition
- Precise adjustment of the burner flame
- Suitable for Multigas 300

TECHNICAL DATA

Coupling: 7/16" EU
Soft soldering: up to Ø 22 mm



Model	g	No.
EASY FIRE, contains: Burner, Multigas 300 (No. 3.5510)	730	3.5553

Disposable Gas Cartridges

MAPP® Gas EU / US

Special gas mix for high-performance soldering work

Flame temperatures up to 2400 °C + 35 % faster than propane



Product Profile

KEY FEATURES

- Extremely high flame temperature, utmost burning performance and guaranteed short working times
- Guaranteed constant top burner performance
- Poses no health risks (contains no BUTADIENE)

KEY FEATURES

- Easy to use
- Increased user safety
- Longer periods of use

3 Contains no BUTADIENE
Poses no health risks

2 ROTHENBERGER MAPP® Gas is produced in ultra-modern filling plants and processor-controlled batching systems
Guaranteed constant top burner performance

1 Special gas mixture with outstanding flame characteristics
Extreme flame temperatures, utmost burner performance and guaranteed short working times

4 Less weight compared to conventional steel cylinders (228 g empty)
Easy to use

5 TÜV tested gas cartridge (drawn from solid material)
Increased safety for the user

6 Burns approx. 1/3 longer than propane
Longer period of use

Coupling thread: 7/16"

EU 7/16" **US 1"**

MAPP® monoblock aluminium cylinder

MAPP® Gas
Special gas mixture researched by ROTHENBERGER



Fig. MAPP® Gas EU



Fig. MAPP® Gas US

Model	Contents			No.
MAPP® gas cartridge	750 ml	12 / 360		3.5551-A
Languages: D, GB, F, E, I, P				
MAPP® gas cartridge	750 ml	12 / 360		3.5551-B
Languages: DK, NL, SE, FI, FR, RU				
MAPP® gas cartridge	750 ml	12 / 360		3.5551-C
Languages: CZ, PL, HU, BG, TR, GR				
Adaptor for US and EU standards				3.5648X
You can find burners starting on		176		

Packaging Profile

Description	MAPP® Gas EU / US
No.	3.5551-A / 3.5698
EAN Code	4004625355510
Product size (mm) (W x H)	80 x 285
Contents (ml)	750
Weight (g)	670
Unit per PU	12
PU per layer / palette	8
Layer per palette	3
Units per palette	288
Number of palettes per truckload	60
Units per truckload	17.280
Palette weight (kg)	241
Palette size (mm) (L x W x H)	800 x 1200 x 1000
Carton size (mm) (L x W x H)	320 x 295 x 250

Disposable Gas Cartridges

Maxigas 400

High-performance welding, cutting and brazing gas. for flame temperatures up to 2200 °C
Gas cartridge with 7/16" EU coupling thread



Description	Maxigas 400
No.	3.5570
EAN Code	4004625355701
Product size (mm) (W x H)	65 x 260
Contents (ml)	600
Weight (g)	338
Unit per PU	24
PU per layer / palette	9
Layer per palette	3
Units per palette	648
Number of palettes per truckload	60
Units per truckload	38.880
Palette weight (kg)	195
Palette size (mm) (L x W x H)	800 x 1200 x 1000
Carton size (mm) (L x W x H)	405 x 272 x 264

Multigas 300

Propane / butane gas mixture for flame temperatures up to 1900 °C.
Gas cartridge with 7/16" EU coupling thread



Description	Multigas 300
No.	3.5510
EAN Code	4004625355107
Product size (mm) (W x H)	65 x 260
Contents (ml)	600
Weight (g)	332
Unit per PU	24
PU per layer / palette	9
Layer per palette	3
Units per palette	648
Number of palettes per truckload	60
Units per truckload	38.880
Palette weight (kg)	191
Palette size (mm) (L x W x H)	800 x 1200 x 1000
Carton size (mm) (L x W x H)	405 x 272 x 264

Propane Gas EU / US

Gas cartridges for flame temperatures up to 1900 °C. With EU coupling 7/16" / US coupling 1"



EU Version

US Version



Description	Propangas EU/US
No.	3.5546-A / 3.5547
EAN Code	4004625355466
Product size (mm) (W x H)	80 x 285
Contents (ml)	750
Weight (g)	550
Unit per PU	12
PU per layer / palette	8
Layer per palette	3
Units per palette	288
Number of palettes per truckload	60
Units per truckload	17.280
Palette weight (kg)	198
Palette size (mm) (L x W x H)	800 x 1200 x 1000
Carton size (mm) (L x W x H)	320 x 295 x 250

C 200 Supergas

Pierceable butane cartridge with propane contents, also for working at low temperatures. Manufactured according to EN 417



Description	C 200 Supergas
No.	3.5900
EAN Code	4004625359006
Product size (mm) (W x H)	90 x 95
Contents (ml)	190
Weight (g)	290
Unit per PU	36
PU per layer / palette	9
Layer per palette	3
Units per palette	972
Number of palettes per truckload	60
Units per truckload	58.320
Palette weight (kg)	251
Palette size (mm) (L x W x H)	800 x 1200 x 1000
Carton size (mm) (L x W x H)	405 x 272 x 264



Propane High-Performance Torches

ROCOLT HANDY PIEZO Set

Professional brazing system with Quick-change burner

Three burner tips for different applications



Product Profile

KEY FEATURES

- Three burner tips for different applications
- Tool-free burner exchange with the fast "Twist 'n Load" system
- ❶ Reliable Piezo ignition for up to 30,000 ignitions
- ❷ Increased safety with the hose failure protection
- ❸ No twisting of the hose, work in any position

TECHNICAL DATA

Brazing:	up to Ø 28 mm
Soft soldering:	up to Ø 32 mm
Warming-up:	up to Ø 60 mm
Coupling:	3/8" left
Handle:	Plastic, with screws
Burner:	Brass / stainless steel



Standard burner Ø 19 mm
Soft Soldering
up to Ø 32 mm

"Twist 'n Load"

❸ Rotatable hose coupling on the handle

No twisting of the hose, work in any position with standard burner Ø 19 mm soft soldering up to Ø 32 mm

❶ Piezo ignition

Up to 30.000 ignitions

❷ Propane gas regulator with hose failure protection

Increased safety



Fig. Rocolt Handy Piezo Set

8-part set (No. 3.5390) includes: Rocolt handle (No. 3.5395), standard burner 19 mm (No. 3.5378), cyclone burner (No. 3.5398), pressure reducer including rotatable hose failure protection (No. 3.5356), propane hose 3 m (No. 3.5383), flame reflector 65 mm (No. 3.1043), ROVLIES® (No. 4.5268), plastic carrying case (No. 3.5355)

Model	kg	No.
ROCOLT HANDY PIEZO Set	1.5	3.5390
ROCOLT HANDY Handle	0.1	3.5395

Piezo ignition



Application with flame reflector



Brazing



Soft soldering



Propane High-Performance Torches

Titanium High-performance Warming-up Torch

Lighter professional high-performance torch with Ø 60 mm head



"Twist 'n Load" system
Fast burner exchange without tools



Product Profile	
APPLICATION AREA	
For bonding of bitumen sheeting, large-area burning of weeds, defrosting, insulate and drying	
KEY FEATURES	
<ul style="list-style-type: none"> Especially recommended by longer use with the ergonomic light design (430 g) Fast burner exchange with the "Twist 'n Load" system Built-in Piezo ignition in handle Closed, brand reinforced burner head is stable and not sensitive to wind 	
TECHNICAL DATA	
Flame type:	Standard
Burner head Ø:	60 mm
Burner length:	600 mm
Gas usage:	8000 g/h at 4 bar
Performance at 4 bar:	102 kW
Weight:	430 g

Model	kg	No.
Titanium High-performance Warming-up Torch	0.4	3.5396
ROCOLT Piezo Handle	0.1	3.5395

ROCOLT HANDY PIEZO Standard Burner

Standard burner with extremely short, bundled flame for low consumption. Ideal burner for brazing, soft soldering, warming up annealing, hardening, etc.



ROCOLT HANDY PIEZO Cyclone Burner

Cyclone burner with optimum enveloping flame aspect when soldering pipes and fittings. Ideal burner for brazing, soft soldering, warming up, annealing, hardening, etc.



Model	Ø mm	g	No.	Model	Ø mm	g	No.
Piezo Standard Burner	14	1	160 3.5377	Piezo Standard Burner	14	4	180 3.5397
Piezo Standard Burner	19	2	150 3.5378	Piezo Standard Burner	19	5	150 3.5398
Piezo Standard Burner	25	3	160 3.5379	Piezo Standard Burner	25	6	180 3.5399

ACCESSORIES



Description	No.	Description	No.
Welding blanket	203	External brush for copper pipe	203
Internal brush for copper pipe	203	ROVLIES®	203
Solder	206 - 211	Fittings flux	207

Propane High-Performance Torches

AIRPROP

Propane high-performance torches for brazing up to Ø 22 mm and soft soldering up to Ø 54 mm

For brazing and soft soldering of copper and steel pipes up to 2000 °C without oxygen, as well as warming up, shrinking and flame cleaning



Product Profile

KEY FEATURES

- 1 Bundled; concentrated and hot flame with the built-in gas turbine in brazing torch
- 2 Absolutely gas-tight with the optimised valve technology
- 3 Gas-saving operation with the smooth-running economy valve
- 4 Fast burner exchange without tools

TECHNICAL DATA

Self-induced air: Turbine and combustion chamber
Burner: Surface treated, chromed brass
Hose coupling: 3/8" L

1 Built-in gas turbine in brazing torch

Bundled, concentrated and hot flame



4 Absolutely gas-tight connection thanks to dual O-ring technology

Fast burner exchange without tools

2 Optimised valve technology

Absolutely gas tight

Shut-off valve

Prevents uncontrolled gas escape

3 Smooth-turning economy valve

Gas-saving operation



Abb. AIRPROP Set

Sets include: Safety handle with push-in coupling (No. 3.1009), brazing burner with push-in nipple Ø 14 mm (No. 3.1013) / Ø 16 mm (No. 3.1014) / Ø 19 mm (No. 3.1015), 2.5 m propane hose with 3/8" L coupling (No. 3.2201), safety igniter (No. 3.2077), replacement flints (No. 3.2088), open-ended spanner (No. 3.2073), steel case (No. 3.1005)

Model	kg	No.
AIRPROP Brazing Set without propane regulator	2.8	3.1092
AIRPROP Brazing Set with propane regulator (as in set (No. 3.1092) but with regulator (No. 3.2081) (W 21.8 L – R3/8 L))	3.1	3.1091



AIRPROP Brazing Burner with threaded coupling

Ø mm	L mm	g/h 2 bar	kWh – kcal – BTU	g	No.
14 mm	140	125	1.60 – 1375 – 5465	95	3.0913
16 mm	145	180	2.30 – 3300 – 7885	100	3.0914
19 mm	170	300	3.84 – 3300 – 13115	130	3.0915
22 mm	171	400	5.12 – 4400 – 26195	145	3.0916

AIRPROP Brazing Burner with push-in nipple coupling

Ø mm	L mm	g/h 2 bar	kWh – kcal – BTU	g	No.
14 mm	140	125	1.60 – 1375 – 5465	95	3.1013
16 mm	145	180	2.30 – 3300 – 7885	100	3.1014
19 mm	170	300	3.84 – 3300 – 13115	130	3.1015
22 mm	171	400	5.12 – 4400 – 26195	145	3.1016

Propane High-Performance Torches

TURBOPROP

Propane high-performance torch for brazing up to Ø 28 mm and soft soldering Ø 54 mm

For brazing and soft soldering of copper and steel pipes up to 2000 °C without oxygen, as well as for warming up, shrinking and flame cleaning



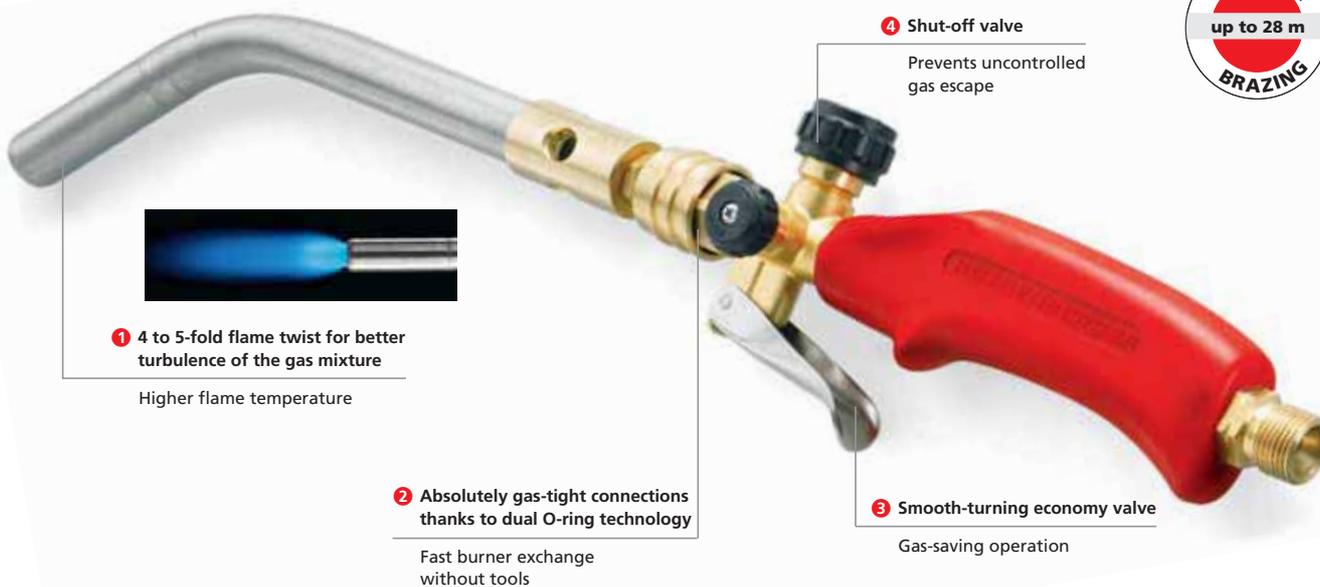
Product Profile

KEY FEATURES

- 1 High flame temperature due to turbine with increased oxygen self-induced air and 4 to 5-fold flame chamber
- 2 Fast burner exchange without tools
- 3 Gas-saving operation with the smooth-running economy valve
- 4 Shut-off valve prevents uncontrolled gas escape

TECHNICAL DATA

Self-induced air: Turbine and combustion chamber
Burner: Surface treated, chromed brass
Hose coupling: 3/8" L



1 4 to 5-fold flame twist for better turbulence of the gas mixture

Higher flame temperature

2 Absolutely gas-tight connections thanks to dual O-ring technology

Fast burner exchange without tools

4 Shut-off valve

Prevents uncontrolled gas escape

3 Smooth-turning economy valve

Gas-saving operation



Fig. TURBOPROP torch with push-in nipple

Sets include: Safety handle with push-in coupling (No. 3.1009), brazing burner with push-in nipple Ø 14 mm (No. 3.1013) / Ø 16 mm (No. 3.1014) / Ø 19 mm (No. 3.1015), 2.5 m propane hose with 3/8" L coupling (No. 3.2201), safety igniter (No. 3.2077), replacement flints (No. 3.2088), open-ended spanner (No. 3.2073), steel case (No. 3.1005)

Model		No.
TURBOPROP-Set without propane regulator	2870	3.1090
TURBOPROP-Set with propane regulator	3120	3.1094
(as in set (No. 3.1090) but with regulator (No. 3.2081E) (W 21.8 L – R 3/8 L))		
TURBOPROP-Set with propane regulator	3120	3.1037
(as in set (No. 3.1090) but with regulator (No. 3.2083) (POL 7/8 L – R 3/8 L))		
TURBOPROP-Set with propane regulator	3120	3.1036
(as in set (No. 3.1090) but with regulator (No. 3.2084) (W 20 x 14 L – R 3/8 L))		



Fig. TURBOPROP Set

TURBOPROP Brazing Burner with push-in nipple

Ø mm		mm	g/h 2 bar	kWh – kcal – BTU		No.
10 mm	165	70	1.89 – 770 – 3050	70	3.1031	
12 mm	175	110	1.41 – 1210 – 4815	90	3.1032	
15 mm	195	180	2.30 – 1980 – 7855	110	3.1033	
18 mm	230	240	3.07 – 2640 – 10485	160	3.1034	
24 mm	270	450	5.75 – 4950 – 19640	230	3.1035	

6



Universal Soft Soldering Torches

GAS-FIRED Soldering Irons

Professional soldering iron for the highest demands

Ideal for soft soldering in corners, edges, joints and channels



Product Profile

KEY FEATURES

- 1 Wind protected and heats up quickly
- 2 Excellent ignition behaviour with concentrated, stable flame
- 3 100% leak-proof with the shut-off valve
- 4 Impact-resistant, extremely robust and durable, with small dimensions
- 5 Flat and pointed copper heads useable

1 Energy-saving combustion chamber

Wind protected and heats up quickly

2 Stable Flame

Excellent ignition behaviour with concentrated, stable flame

3 Smooth-turning economy valve

100% leak-proof

5 Special coupling

Flat and pointed copper heads useable

Support for gas-heated soldering iron

Safe use

Fig. Gas-heated Soldering Iron Set (No. 3.2025)

4 Handle casing made of special plastic, fibreglass reinforced

Impact-resistant

6

Burner support included!

Model	kg	No.
Gas-heated Soldering Irons	0.7	3.2040
Gas-heated Soldering Irons (No. 3.2048), Copper head, flat 350 g (No. 3.2042)		
Gas-heated Soldering Irons - Set	1.0	3.2030
Safety handle with M 14 x 1 coupling (No. 3.1989), Gas-heated Soldering Irons (No. 3.2048), Copper head, flat 350 g (No. 3.2042)		
Gas-heated Soldering Irons - Set	1.3	3.2029
Safety handle with M 14 x 1 coupling (No. 3.1989), Gas-heated Soldering Irons (No. 3.2048), Copper head, flat 350 g (No. 3.2042), 2.5 m Propane hose (No. 3.2201)		

Model	kg	No.
Gas-heated Soldering Irons - Set in case	5.7	3.2025
Safety handle with M 14 x 1 coupling (No. 3.1989), Gas-heated Soldering Irons (No. 3.2048), copper head, flat 350 g (No. 3.2042), 2.5 m propane hose (No. 3.2201), open-ended spanner (No. 3.2073), safety igniter (No. 3.2077), replacement flints (No. 3.2079), propane regulator (No. 3.2082), refilling adaptor (No. 3.2207), small propane cylinder 0.5 kg (No. 3.3079), burner spanner (No. 3.5530), steel case (No. 3.5487)		



No. 3.2043

No. 3.2042

No. 3.2041

No. 3.2044

Special Copper Heads

Made of cathode copper for gas-fired soldering irons

Model	g	No.
Copper Head 250 g flat	250	3.2041
Copper Head 350 g flat	350	3.2042
Copper Head 450 g flat	450	3.2043
Copper Head 350 g pointed	350	3.2044

ACCESSORIES

Description		No.
Safety lighter	1	201 3.2077

Universal Soft Soldering Torches

MULTI 300 Propane Soft Soldering Kit

For soft soldering of copper pipes, for tin and lead soldering, for tinning, warming up, flame cleaning, etc.



Product Profile

KEY FEATURES

- For all types of fine soldering in the areas of electronics and telecommunications
- For working with lead (gutters, laminations and roof edging, ventilation shafts, etc.)

TECHNICAL DATA

Propane handle with heat insulated wooden grip
Rotatable air / rotary valve for the adjustment of an especially fine flame
Rotatable hose coupling M10 x 1 L
With longer ball spindle and dual spring control
Favourable working pressure with 1.5 bar



Fig. Multi 300 PROPAN Soft Soldering Kit



No. 3.5489

3-part set (No. 3.5489) includes: Soft soldering iron copper head with 350 g flat (No. 52.0849), 2 m propane hose (No. 3.0927), small propane cylinder 0.5 kg with hook (No. 3.3079)

13-part set (No. 3.5488) includes: Soft soldering iron with copper head 350 g flat (No. 52.0849), soft soldering burner Ø 17 mm (No. 52.0856) / Ø 20 mm (No. 52.0857), wide burner 45 mm (No. 52.0845), propane regulator 0-6 bar (No. 3.2082), 2 m propane hose (No. 3.0927), small propane cylinder 0.5 kg with hook (No. 3.3079), refilling adaptor (No. 3.2207), burner spanner (No. 3.5530), open-ended spanner (No. 3.2073), safety igniter (No. 3.2077), replacement flints (No. 3.2088), steel case (No. 3.5487)

Model	kg	No.
MULTI 300 / Kit A without propane regulator	4.1	3.5486
MULTI 300 / Kit A with propane regulator (No. 3.2082)	4.3	3.5489
MULTI 300 / Kit B	9.0	3.5488

ACCESSORIES



Description	g	No.	Description	g	No.
Soft Soldering iron with handle, iron burner,	940	52.0849	Copper Head 250 g flat	270	3.2098
Iron Holder, wind protector, copper head 350 g			Copper Head 350 g flat	270	3.2075
Soft Soldering iron with handle, iron burner,	570	52.0840	Soft soldering burner size 3 Ø 12 mm, M 15 x 1	370	52.0855
Iron Holder, wind protector, without copper head			Soft soldering burner size 5, Ø 17 mm, M 15 x 1	70	52.0856
Handle with hose coupling M 10 x 1 L 300	300	52.0850	Soft soldering burner size 7, Ø 20 mm, M 15 x 1	120	52.0857
Iron Burner with coupling M 15 x 1	70	52.0865	Wide burner Ø 45 mm, M 15 x 1	120	52.0845
Iron Holder with foot	100	52.0866	Steel case	3390	3.5487
Wind protector	100	52.0867	Burner spanner	60	3.5530
Copper Head 250 g pointed	270	3.2099	Safety igniter with rolling file	60	3.2077
Copper Head 350 g pointed	370	3.2076	Replacement flints, tin with 5 pieces	15	3.2088

Propane Warming-Up Torch

ROOFING-SET

Propane surface-heating torch with Ø 63 mm high-performance burner



Product Profile

APPLICATION AREA

Ideal for roofing and asphalt work and for bonding of bituminous sheeting, large-scale burning of weeds, defrosting, insulating, shrinking, drying and warming up.

KEY FEATURES

- 1 Large working range with 5 m propane hose
- High-performance burner with flame stabiliser
- Chrome plated with a reinforced edge
- Burner support

TECHNICAL DATA

600 mm burner tube
Burner support

Ø 63 mm

L = 600 mm

Burner support included!

1 5 m Propane hose

Large working range

6

5-part set (No. 3.0954E) includes: Propane handle (No. 3.0910D), 63 mm high-performance burner (No. 3.2163), 600 mm burner tube (No. 3.2160), 5.0 m propane hose (No. 3.2203), burner support (No. 3.2213)

Model	g	No.
Roofing-Set	1920	3.0954E
Burner support	60	3.2213

Surface-heating Burner Heads

High-efficiency burner heads with flame stabilisers, made of special chrome plated steel, reinforced edge. For warming up, shrinking, insulating, hardening, general repair work, etc. Threaded M 20 x 1 coupling



Extensions

Special tube, chrome plated, angled 40°, inlet M 14 x 1, outlet M 20 x 1



L mm	g	No.	L mm	g	No.
60	80	3.2105	350	190	3.2135
100	90	3.2110	600	290	3.2160
200	120	3.2120	750	470	3.2175

mm	L mm	g/h	kWh – kcal – BTU	g	No.
45	102	2500	32.00 – 27500 – 109280	240	3.2045
51	112	3800	48.60 – 41800 – 165970	270	3.2051
57	Surface-heating burner heads, closed				see page 187
63	138	6700	85.70 – 73700 – 292670	440	3.2063

Ideal for roofing and asphalt work



600 mm burner tube with support and 5.0 m propane hose



Improved ergonomics for fatigue-free work



High-performance burner with flame stabiliser



Closed Warming-up Burner Heads

High-efficiency burner heads with flame stabilisers, closed and not sensitive to wind. Made of special chrome plated steel, with reinforced edge. For warming up, shrinking, insulating, hardening general repair work, etc. Threaded M 20 x 1 coupling

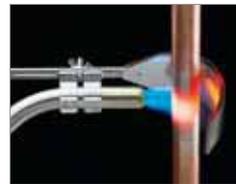
mm	L mm	g/h 2 bar	kWh – kcal – BTU	g	No.
45	102	2500	32.00 – 27500 – 109280	240	3.2111
51	112	3800	48.60 – 41800 – 165970	270	3.2112
57	126	5500	70.35 – 60500 – 240257	350	3.2113
63	138	6700	85.70 – 73700 – 292670	440	3.2114



Flame Reflectors

- Made of high-quality stainless steel
- Protects surrounding materials
- For pipe soldering, to mount onto burner
- Better heat utilisation, saves time and energy
- Even warming of the pipe

Model	Width mm	Coupling Ø mm	g	No.
65 / 15	65	8 – 15	100	3.1042
65 / 22	65	15 – 22	100	3.1043



Safety Propane Handles

With economy, regulating and shut-off valves, hose coupling R 3/8" L

Model	g	No.
Safety handle with push-in coupling	350	3.1009
Safety handle with M 14x1 coupling	290	3.1989
Repair kit with shut-off valve, complete	10	3.0101
Repair kit with regulating valve, complete	10	3.0102
Repair kit for economy valve, complete	10	3.0103



No. 3.1009



No. 3.1989

Propane Regulators

Brass, for 0.5 kg, 5 kg and 11 kg cylinders

Inlet	Outlet	Working pressure Bar	Consumption kg/h	g	No.
W 21.8 x 1/14" L	R 3/8" L	0,5 - 4,0	8	240	3.2081E
R 3/8" L	R 3/8" L	0,5 - 4,0	8	200	3.2082
W 21.8 x 1/14" L	R 3/8" L		10	270	3.2100
W 21.8 x 1/14" L	R 3/8" L		8	230	3.0925



No. 3.2082

No. 3.0925



No. 3.2100 with pressure gauge

Propane Hoses

Top quality, DIN / DVGW tested, with strong inlay, durable and flexible, mounted with sleeves and nuts in middle (DK 6) or high-pressure (DK 30) versions

L m	Inlet	Outlet	Pressure- class	Inner-Ø mm wall thickness	g	No.
2	R 3/8" L	M 10 x 1 L	DK 6	4.0 x 3.5	310	3.0927
2.5	R 3/8" L	R 3/8" L	DK 6	4.0 x 3.5	350	3.2201
5	R 3/8" L	R 3/8" L	DK 30	4.0 x 4.0	730	3.3310
10	R 3/8" L	R 3/8" L	DK 30	6.3 x 5.0	1650	3.2223



No. 3.0927



No. 3.2223



Propane Accessories



No. 3.2207

Refilling Adaptor

For refilling 0.5 propane cylinders from 3.5 or 11 kg propane cylinders, brass with guide pin

Inlet	Outlet	Consumption kg/h	Pressure - class	g	No.
W 21.8 x 1/14" L	R 3/8" L	160			3.2207



No. 3.5925

Propane Hose Failure Protection

Nominal pressure 1.5 - 4 bar, brass, DIN / DVGW tested

Automatic interruption of gas supply if hose is damaged or loosened, push-button for resetting after interruption

Inlet	Outlet	Consumption kg/h	Pressure - class	g	No.
R 3/8" L	R 3/8" L	10	blue	130	3.5925



No. 3.0925

Propane Constant Regulator

Adjusted to 4.0 bar, for connecting to 5 and 11 kg cylinders

Inlet	Outlet	Consumption kg/h	g	No.
W 21.8 x 1/14" L	R 3/8" L	8	230	3.0925



No. 3.2100

Propane Regulator with Pressure Gauge

Adjustable from 0.5 - 4 bar, for connection to 5 and 11 kg cylinders

Inlet	Outlet	Consumption kg/h	g	No.
W 21.8 x 1/14" L	R 3/8" L	10	270	3.2100



No. 3.3079

With 0.5 kg cylinder
Protective collar included in delivery



No. 3.1081

Propane Lightweight Steel Cylinder

With cylinder valve, TÜV tested, according to TRG

Model	Outlet	Contents	kg	No.
Small cylinder, 0.5 kg with foot	R 3/8"	empty	2.75	3.3079
Cylinder 5 kg, with foot and cap		filled	12.60	3.1081
Collar	W 21.8 x 1/14" L			3.5636

Mobile Gas-Welding Equipment

ALLGAS 2000

Mobile soldering and welding torch

Ideal mobile soldering and welding torch for plumbers, HVAC fitters, refrigeration technicians, automotive workshops and tinsmiths



Product Profile

KEY FEATURES

- 1 For use with all conventional gases and cylinder oxygen
- 2 Practically complete emptying of gas cylinders (money-saving)
- 3 Super compact for working in confined spaces
- 4 Efficient and economical professional use

TECHNICAL DATA

Soldering range:	up to 2.5 mm material thickness
Welding range:	0.2 - 5 mm
Suitable for use with:	Oxy-Acetylene Propane and oxygen CNG and oxygen Town gas and oxygen

Suitable for use with the following gases:

- Oxy-Acetylene
- Propane with oxygen
- CNG and oxygen
- Town gas and oxygen

2 Low gas pressure of only 0.2 bar

Practically complete emptying of gas cylinders (money saving) for use with all conventional gases and cylinder oxygen

3 Small, very light handle (280 g)

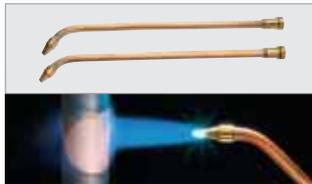
Super compact for working in confined spaces



1 Universal soldering and welding torch

For use with all conventional gases and cylinder oxygen

Flexible pipe welding tips



Welding tip holder can also be used as spanner



Dispersion nozzle for warming up



4 Economical

Efficient and economical professional use

Model	Coupling oxygen	Coupling fuel gas	g	No.
Allgas 2000 set			3100	3.5300
Handle ALLGAS 2000	R 1/4"	R 3/8" L	280	3.5303
Mixing nozzle with union nut			40	3.5304

Welding tips, Welding attachments

Size	Brazing range mm	g	No.
Size 1	0.2 - 1.0	10	3.5305
Size 2	1.0 - 2.0	10	3.5306
Size 3	2.0 - 3.0	10	3.5307
Size 4	3.0 - 4.0	10	3.5308
Size 5	4.0 - 5.0	10	3.5309
Dispersion nozzle for warming up	20		3.5311
Welding tip holder, can be used as a spanner		20	3.5312
Size 1	2.0 - 3.0	40	3.5313
Size 2	4.0 - 5.0	40	3.5314
Coupling / union nut, size 14 10			3.5315

You will find further accessories on 200



Fig. ALLGAS 2000 Set

20-part set (No. 3.5300) includes: Handle (No. 3.5303), mixing nozzle with union nut (No. 3.5304), 5 welding tips Ø 0.2 mm (No. 3.5305) / Ø 1 - 2 mm (No. 3.5306) / Ø 2 - 3 mm (No. 3.5307) / Ø 3 - 4 mm (No. 3.5308) / Ø 4 - 5.0 mm (No. 3.5309), pipe welding tips, size 1 (No. 3.5313) / size 2 (No. 3.5314), coupling nut size 14 (No. 3.5315), dispersion nozzle (No. 3.5311), 2.5 m dual-hose package (No. 3.5221), open-ended spanner size 14 x 19 mm (No. 3.2073), welding tip holder / spanner (No. 3.5312), safety igniter (No. 3.2077), replacement flints (No. 3.2088), steel case (No. 3.5319)



Mobile Brazing Equipment

ALLGAS 2000 PS 0.5 / 2 Compact

Portable fitter's brazing equipment

For brazing iron, steel, sheet steel, pipes and non-ferrous metals



Product Profile

KEY FEATURES

- Portable, light fitter's brazing equipment
- Ideal for mobile building-site and repair use
- Small propane cylinders can be refilled

TECHNICAL DATA

Transport secure:	In compliance with DIN EN 962, BGV D34,
Gas:	Propane with oxygen
Flame temperature:	2850 °C
Working temperature:	1150 °C

Carrying comfort



The bottle colours shown are without obligation!

6

22-part set (No. 3.5655) includes: Handle Allgas 2000 (No. 3.5303), 2.5 m propane hose (No. 3.2201), 2.5 m oxygen hose (No. 3.5210), propane regulator adjustable 0 - 6 bar (No. 3.2082), oxygen pressure reducer 10 bar (No. 3.5634), mixing nozzle with union nut (No. 3.5304), welding tips 0.2-1 mm (No. 3.5305) / 1 - 2 mm (No. 3.5306) / 2 - 3 mm (No. 3.5307) / 3 - 4 mm (No. 3.5308) / 4-5 mm (No. 3.5309), pipe-welding tips, flexible size 1 (No. 3.5313) / size 2 (No. 3.5314), dispersion nozzle (No. 3.5311), welding tip holder / spanner (No. 3.5312), multi-size spanner (No. 3.5738), safety igniter (No. 3.2077), replacement flints (No. 3.2088), nylon safety goggles (No. 54.0620), small propane cylinder 0.5 kg, empty (No. 3.3079), steel oxygen cylinder 2.0 l, full (No. 3.5635), carrying frame (No. 3.5629)

Model	kg	No.
Allgas 2000 PS 0.5 / 2 Set	21.4	3.5655
Carrying frame without accessories	10.3	3.5629

You will find further accessories on 200

ALLGAS 2000 Welding Tips



Welding Tips

Size	Welding range mm	g	No.
Size 1	0.2 - 1.0	10	3.5305
Size 2	1.0 - 2.0	10	3.5306
Size 3	2.0 - 3.0	10	3.5307
Size 4	3.0 - 4.0	10	3.5308
Size 5	4.0 - 5.0	10	3.5309
Dispersion nozzle for warming up		20	3.5311
Welding tip holder can be used as spanner		20	3.5312

Pipe-welding Tips, flexible



Size	Welding range mm	g	No.
Size 1	2,0 - 3,0	40	3.5313
Size 2	4,0 - 5,0	40	3.5314
Coupling / union nut, size 14		10	3.5315

Mobile Brazing Equipment

ALLGAS 2000 PS 0.5 / 2 Basic

Portable fitter's brazing equipment

For brazing iron, steel, sheet steel, pipes and non-ferrous metals



KEY FEATURES

- Compact and handy construction for mobile building-site and repair use
- Job compatible combination, assembled and ready to use



Space saving storage
in service vehicles

18-part set (No. 3.5651) includes: Handle Allgas 2000 (No. 3.5303), 2.5 m propane hose (No. 3.2201), 2.5 m oxygen hose (No. 3.5210), propane regulator adjustable 0 - 6 bar (No. 3.2082), oxygen pressure reducer 10 bar (No. 3.5634), mixing nozzle with union nut (No. 3.5304), welding tips 0.2 - 1 mm (No. 3.5305) / 1 - 2 mm (No. 3.5306) / 2 - 3 mm (No. 3.5307) / 3 - 4 mm (No. 3.5308) / 4 - 5 mm (No. 3.5309), welding tip holder / spanner (No. 3.5312) multi-size spanner (No. 3.5738), safety igniter (No. 3.2077), replacement flints (No. 3.2088), steel oxygen cylinder 2.0 l, filled (No. 3.5635) Allgas stand (No. 3.5628)

Model	kg	No.
Allgas 2000 PS 0.5 / 2 Set	14.4	3.5651
Allgas 2000 PS 0.5 / 2 Set	14.4	3.5652

You will find further accessories on 200



The bottle colours shown are without obligation!

Set (No. 3.5652) includes: As in set (No. 3.5651), additionally oxygen pressure reducer (No. 3.5677), oxygen cylinder 2 l (No. 3.5770), welding tips 2 - 3 (No. 3.5313), welding tips 4 - 5 (No. 3.5314), dispersion nozzle (No. 3.5311), nylon safety goggles (No. 54.0620), carrying frame Allgas (No. 3.5629) The following articles are not included in set: (No. 3.5635), (No. 3.5305), (No. 3.5628), (No. 3.5634), (No. 9.4044), (No. 9.1929), (No. 9.1930), (No. 9.2778)

6



ROXY 400 L

Standard gas-welding equipment for flame temperatures up to 3100 °C



20-part set (No. 3.5780) includes: Handle with fine regulating valve (No. 3.5580), Maxigas 400 (No. 3.5570), oxygen cylinder 2.0 L (No. 3.5635), fine regulating valve (No. 3.5723), oxygen pressure reducer according to DIN 0-315 / 200 bar 0-16 / 10 bar (No. 3.5634), oxygen hose (No. 3.5410), propane hose (No. 3.5525), oxygen blowback protection (No. 3.5678), gas blowback protection (No. 3.5691), mixing nozzle with union nut (No. 3.5587), high-performance tips 1.5 mm (No. 3.5422) / 2.0 mm (No. 3.5423), micro-tips 0.3 mm (No. 3.5712) / 0.5 mm (No. 3.5696) / 0.7 mm (No. 3.5713), micro-tip adaptor (No. 3.5585), welding goggles A5 (No. 3.5621), safety igniter (No. 3.2077), multi-size spanner (No. 3.5738) carrying frame (No. 3.5727)

Model	kg	No.
Roxy 400 L Set	10.8	3.5780
Accessories		
Roxy welding handle Profi	0.01	3.5580
Roxy hose package (including handle and 1.5 m hose)	0.60	3.3301
Dual hose kit (3 m without handle)	0.95	3.5421E



The bottle colours shown are without obligation!

Gas-Welding Equipment



No. 3.5480



No. 3.5324

RE 17 UNIVERSAL Set

For welding, cutting, brazing and warming up
Welding range: 0.5 - 14 mm, Cutting range: 3 - 100 mm



Set (No. 3.5479) includes: Handle with coupling nut (No. 3.5324), welding tips 2 - 4 mm (No. 3.5327) / 4 - 6 mm (No. 3.5328) / 6 - 9 mm (No. 3.5329), pipe-welding tips 2 - 4 mm (No. 3.5347) / 4 - 6 mm (No. 3.5348), wing-lever cutting attachment (No. 3.5338), Cutting tip 3 - 25 mm (No. 3.5341), Heating nozzle 3 - 100 mm (No. 3.5339), Nozzle cleaning set, 10 piece (No. 51.0105), burner spanner (No. 51.0106), safety igniter (No. 3.2077), replacement flints (No. 3.2088), steel case (No. 3.5800)

⊕	Nominal size	kg	No.
	RE 17 Pipe-welding kit	4.3	3.5479
	RE 17 Universal kit	4.8	3.5480
	As in set (No. 3.5479), but also including with welding tips 0.5-1 mm (No. 3.5325) / 1-2 mm (No. 3.5326), cutting tip 25-50 mm (No. 3.5341) / 25-50 mm (No. 3.5344)		
	Steel case RE 17 (empty)	1.70	3.5800
	RE 17 handle with burner coupling nut	0.47	3.5324
	Coupling: oxygen R 1/4", gas R 3/8" L		

6



RE 17 Welding Tips

Welding range mm	kg	No.
0.5 - 1	140	3.5325
1 - 2	150	3.5326
2 - 4	170	3.5327
6 - 9	220	3.5329
9 - 14	260	3.5334
14 - 20	280	3.5335



Pipe-welding tip - front piece



Pipe-welding tip - complete



RE 17 Pipe-welding Tips, flexible

Pipe-welding tips			Flexible copper tips		
Welding range mm	g	No.	Welding range mm	g	No.
1 - 2	40	3.5346	1 - 2	130	3.5475
2 - 4	40	3.5347	2 - 4	140	3.5476
4 - 6	50	3.5348	4 - 6	150	3.5477



No. 3.5338



No. 3.5341
No. 3.5344
No. 3.5345



No. 3.5339

RE 17 Wing-lever Cutting Attachment

Model	g	No.
Cutting Attachment without tips	820	3.5338

RE 17 Cutting Tips and Heating Nozzle

Model	Cutting range mm	g	No.
Cutting Tip	3 - 25	10	3.5341
Cutting Tip	25 - 50	20	3.5344
Cutting Tip	50 - 100	20	3.5345
Heating Nozzle	3 - 100	50	3.5339

RE 17 UNIVERSAL THREE-GAS System AMS 5/5

Assembly, welding, cutting and brazing system
Welding range 0.5 - 14 mm, Cutting range 3.0 - 50 mm



27-part set (No. 3.5401) includes: Handle with coupling nut (No. 3.5324), welding tips 0.5 - 1 mm (No. 3.5325) / 1 - 2 mm (No. 3.5326) / 2 - 4 mm (No. 3.5327) / 4 - 6 mm (No. 3.5328) / 6 - 9 mm (No. 3.5329) / 9 - 14 mm (No. 3.5334), wing-lever cutting attachment (No. 3.5338), cutting tips 3-25 mm (No. 3.5341) / 25 - 50 mm (No. 3.5344), heating nozzle 3-100 mm (No. 3.5339), 5 m dual-hose package A / S (No. 3.5222), acetylene pressure reducer 1.5 bar (No. 3.5794), oxygen pressure reducer 10 bar (No. 3.5634), 2 each - protective rubber caps, red (No. 51.1428) / blue (No. 51.1427), 10 piece nozzle cleaning set (No. 51.0105), burner spanner (No. 51.0106), safety igniter (No. 3.2077), replacement flints (No. 3.2088), acetylene cylinder 10 l (filled) (No. 3.5179), oxygen cylinder 10 l (filled) (No. 3.5189), Maxigas 400 (No. 3.5570), gas regulating valve Maxigas (No. 3.5723), hose adaptor Maxigas (No. 3.5491), steel case (No. 3.5800), dual-telescoping transport trolley (No. 3.5354)



Including gas cylinders and dual-telescoping transport trolley

The bottle colours shown are without obligation!

Model	kg	No.
RE 17 Universal Three-gas System AMS 5/5	50	3.5400

RE 17 UNIVERSAL THREE-GAS System AMS 5 or 10

Assembly, welding, cutting and brazing system
Welding range 0.5 - 14 mm, Cutting range 3.0 - 50 mm



25-part set (No. 3.5403) includes: Handle with coupling nut (No. 3.5324), welding tips 0.5 - 1 mm (No. 3.5325) / 1 - 2 mm (No. 3.5326) / 2 - 4 mm (No. 3.5327) / 4 - 6 mm (No. 3.5328) / 6 - 9 mm (No. 3.5329) / 9 - 14 mm (No. 3.5334), wing-lever cutting attachment (No. 3.5338), cutting tips 3-25 mm (No. 3.5341) / 25 - 50 mm (No. 3.5344), heating nozzle 3-100 mm (No. 3.5339), 5 m dual-hose package A / S (No. 3.5222), acetylene pressure reducer 1.5 bar (No. 3.5794), oxygen pressure reducer 10 bar (No. 3.5634), 2 each - protective rubber caps, red (No. 51.1428) / blue (No. 51.1427), 10 piece nozzle cleaning set (No. 51.0105), burner spanner (No. 51.0106), safety igniter (No. 3.2077), replacement flints (No. 3.2088), Maxigas 400 (No. 3.5570), gas regulating valve Maxigas (No. 3.5723), hose adaptor Maxigas (No. 3.5491), steel case (No. 3.5800), dual-telescoping transport trolley (No. 3.5354)



Including gas cylinders and dual-telescoping transport trolley

The bottle colours shown are without obligation!

Model	kg	No.
RE 17 Universal Three-gas System AMS 5 + 10	23	3.5403

RE 17 UNIVERSAL THREE-GAS System AMS 10/10

Assembly, welding, cutting and brazing system
Welding range 0.5 - 14 mm, Cutting range 3.0 - 50 mm



27-part set (No. 3.5401) includes: Handle with coupling nut (No. 3.5324), welding tips 0.5 - 1 mm (No. 3.5325) / 1 - 2 mm (No. 3.5326) / 2 - 4 mm (No. 3.5327) / 4 - 6 mm (No. 3.5328) / 6 - 9 mm (No. 3.5329) / 9 - 14 mm (No. 3.5334), wing-lever cutting attachment (No. 3.5338), cutting tips 3-25 mm (No. 3.5341) / 25 - 50 mm (No. 3.5344), heating nozzle 3 - 100 mm (No. 3.5339), 5 m dual-hose package A / S (No. 3.5222), acetylene pressure reducer 1.5 bar (No. 3.5794), oxygen pressure reducer 10 bar (No. 3.5634), 2 each - protective rubber caps, red (No. 51.1428) / blue (No. 51.1427), 10 piece nozzle cleaning set (No. 51.0105), burner spanner (No. 51.0106), safety igniter (No. 3.2077), replacement flints (No. 3.2088), acetylene cylinder 10 l (filled) (No. 3.5179), oxygen cylinder 10 l (filled) (No. 3.5189), Maxigas 400 (No. 3.5570), gas regulating valve Maxigas (No. 3.5723), hose adaptor Maxigas (No. 3.5491), steel case (No. 3.5800), dual-telescoping transport trolley (No. 3.5354)

Including gas cylinders and dual-telescoping transport trolley

- No. 3.5798 as in 3.5401 for cutting range 3.0 - 25 mm
- No. 3.5799 like 3.5401 without cylinders

The bottle colours shown are without obligation!

Model	kg	No.
RE 17 Universal Three-gas System AMS 10 / 10	66	3.5401
RE 17 as in 3.5401, cutting range 3.0 - 25 mm	65	3.5798
RE 17 without cylinder	23	3.5799



Gas-Welding Equipment



Exchange of the welding tip
Can be used with all types of gas

Cutting oxygen valve with spring-lever
Enables one-handed use for spray-free cutting, etc.

ROFLASH-Set

Welding and cutting kit

Welding range: 0.5 - 14 mm, Cutting range: 3 - 75 mm



22-part set (No. 51.3300) includes: Handle (No. 51.3010), welding tips 0.2 - 0.5 (No. 51.3030), 0.5 - 1 (No. 51.3031), 1 - 2 (No. 51.3032), 2 - 4 (No. 51.3033), 4 - 6 (No. 51.3034), 6 - 9 (No. 51.3035), 9 - 14 (No. 51.3036), spring-lever cutting attachment (No. 51.3310), cutting tips 3 - 6 (No. 51.3330), 6 - 20 (No. 51.3331), 20 - 75 (No. 51.3332), cutting burner guiding wagon, burner spanner (No. 51.0106), nylon safety goggles (No. 54.0621), 10 piece nozzle cleaning set (No. 51.0105), hose nozzle R 1/4" 4 mm (No. 54.0221), hose nozzle R 3/8" 4 mm (No. 54.0222), hose nozzle R 3/8" 6 mm (No. 54.0223), coupling nut R 1/4" (No. 54.0210), coupling nut R 3/8" (No. 54.0215)

Model	kg	No.
ROFLASH Set	4.2	51.3300

ROFLASH Handle

Welding kit handle

KEY FEATURES

- The new monoblock valves enable the precise adjustment and accurate control of the flame
- Comfortable one-handed use with the v-formed valve arrangement



Model	g	No.
ROFLASH Handle	434	51.3010

ROFLASH Spring-lever Cutting Attachment

KEY FEATURES

- Less repair costs through the kit system and maintenance-free monoblock valve
- The solid burner is made from forged brass and can withstand the highest thermal demands and also enables use under extreme conditions



Tool-less exchange possible

Model	g	No.
ROFLASH Spring-lever Cutting Attachment	582	51.3310

ROFLASH Welding Tips



O2-Consumption	Material thickness (mm)	g	No.
approx. 40 l / h	0.2 - 0.5	96	51.3030
approx. 80 l / h	0.5 - 1.0	96	51.3031
approx. 160 l / h	1.0 - 2.0	104	51.3032
approx. 315 l / h	2.0 - 4.0	117	51.3033
approx. 500 l / h	4.0 - 6.0	128	51.3034
approx. 800 l / h	6.0 - 9.0	148	51.3035
approx. 1250 l / h	9.0 - 14.0	171	51.3036

Acetylene Brazing Equipment

AIRAC®

Acetylene brazing torch up to Ø 60 mm with 2350 °C flame temperature

High-performance injection burner - only for acetylene - for brazing /



Product Profile

KEY FEATURES

- Oxygen from the surrounding air and acetylene are fed without pressure into the burner and with the special construction of the burner produce a flame temperature of 2,350° C with a concentrated, pointed flame for precise and fast work

warming up of copper and steel pipes up to Ø 60 mm.

KEY FEATURES

- Scale build-up on the treated surface is prevented by the nitrogen that is introduced into the air flow (shielding gas effect)
- ❶ Maximal performance with the turbine and combustion chamber effect
- ❷ Shut-off valve prevents uncontrolled gas leaks
- ❸ Gas-saving use with the smooth-running economy valve



❶ High-performance injection burner only for acetylene 2350 °C
Powerful operation

❶ Turbine and combustion chamber effect, self-induced air
Maximum performance

❷ Shut-off valve
Prevents uncontrolled gas leaks

❸ Smooth running economy valve
Gas-saving operation

12-part set (No. 3.1093) includes: Safety handle (No. 3.4991), brazing burner size 2 (No. 3.5022) / size 3 (No. 3.5023) / size 4 (No. 3.5024), 2.5 m acetylene hose (No. 3.5203), bend with nut 150 mm (No. 3.5110), burner spanner 14 x 19 mm (No. 3.2073), safety igniter (No. 3.2077), replacement flints (No. 3.2079), steel case (No. 3.5005)

Model	kg	No.
AIRAC® Brazing Set in steel case	2,9	3.1093
You will find further accessories on 200		



Fig. AIRAC® Set

AIRAC® Safety Handle

Safety handle with economy, regulating and shut-off valve, threaded coupling M 16 x 1, hose coupling R 3/8" L

Model	g	No.
Safety Handle	290	3.4991
Repair kit for shut-off valve, complete	10	3.0101
Repair kit for regulating valve, complete	10	3.0102
Repair kit for economy valve, complete	10	3.0103



AIRAC® Brazing Torch

Made of surface-handled brass, stable and concentrated flame

Model	Pipe Ø	g	No.
Bend with nut (150 mm)		80	3.5110
Size 2	12 - 15	40	3.5022
Size 3	18 - 22	50	3.5023
Size 4	28 - 35	70	3.5024



Accessories for Gas Welding



Oxy-Acetylene Hoses

Top quality in accordance with DIN 8541, with strong inlay, durable and flexible, rubber, mounted with sleeves and nuts



Oxygen Hoses

L m	Inlet	Outlet	Internal Ø x wall thickness mm	kg	No.
5	R 1/4"	R 1/4"	6.0 x 3.5	1.1	3.3311
10	R 1/4"	R 1/4"	6.0 x 3.5	1.9	3.3314

Acetylene Hoses

L m	Inlet	Outlet	Internal Ø x wall thickness mm	kg	No.
2.5	R 3/8"	R 3/8" L	6.0 x 3.5	0.5	3.5203
5	R 3/8"	R 3/8" L	6.0 x 3.5	1.1	3.3312
10	R 3/8"	R 3/8" L	6.0 x 3.5	1.9	3.3315

Dual Hoses A/S

L m	Coupling Oxygen	Coupling Outlet	Internal Ø x wall thickness Oxygen / Acetylene	kg	No.
2.5	R 1/4"	R 3/8" L	6.0 x 3.5	0.9	3.5221
5	R 1/4"	R 3/8" L	6.0 x 3.5	2.0	3.5222
10	R 1/4"	R 3/8" L	6.0 x 3.5	3.8	3.5223
40*	R 1/4"	R 3/8" L	6.0 x 3.5	9.1	3.5230

*40 m hose without sleeves and nuts



Included in delivery for steel cylinders without cap, protective bracket



The bottle colours shown are without obligation!

Lightweight Steel Cylinders, filled

With cylinder valve, base and cap from 5 l, TÜV-tested in accordance with TRGI



Model	Contents	Filling pressure bar	Height mm	Ø mm	kg	No.
Oxygen	0.67 l	200	400	80	2.5	3.5736
Oxygen	2 l	200	420	110	4.6	3.5635
Oxygen	5 l	200	595	145	14.0	3.5188
Oxygen	10 l	200	980	145	17.0	3.5189
Acetylene	5 l	18	595	145	13.0	3.5178
Acetylene	10 l	18	980	145	23.0	3.5179



Cylinder Transport Trolley

Portable and mobile, for 5 and 10 l acetylene / oxygen cylinders, 5 kg and 12 kg propane cylinders can be used with conversion kit (special accessory). Coupling for disposable MAXIGAS 400 cartridges, dual-telescoping for different cylinder heights, brackets for ALLGAS and RE 17 steel cases.

Model	kg	No.
Transport Trolley for 5 / 10 l acetylene / oxygen cylinders	8.9	3.5354
Conversion kit for adaption of Propane 0.5 kg / oxygen 5 l and 10 l cylinders		3.5342
Propane 5 kg		3.5343



Cylinder Pressure Reducer

Rugged pressed brass construction with large pressure gauge according to **DIN 8549** (Ø 63 mm), with shut-off and safety valves, one-stage design according to **DIN 8546** with test mark

Cylinder contents	Working pressure bar	Inlet	Abgang		No.	
Oxygen	0 - 315 / 200	0 - 16 / 10	R 3/4"	R 1/4"	1.4	3.5634
Acetylene	0 - 40	0 - 2,5/1,5	R 3/4"	R 3/8" L	1.6	3.5794



Blowback Prevention

Torch-mounted flashback arrestors, type-tested, with flame trap, flow lock, non-return valve and dirt filter

Model	max. Operating pressure	Coupling thread		No.
Handle-mounted, oxygen	20 bar	R 1/4"	190	54.0320
Handle-mounted, acetylene	1.5 bar	R 3/8" L	190	54.0321
Reducer-mounted, oxygen	20 bar	R 1/4"	190	54.0360
Reducer-mounted, acetylene	1.5 bar	R 3/8" L	190	54.0365



Protective Guard for Pressure Reducer

Impact protection, rugged steel construction, mounts on connection coupling

Model	Colour		No.
For oxygen pressure reducer	blue	820	3.5146
For acetylene pressure reducer	yellow	820	3.5140



Protective Rubber Cap

With slot, open

Model	Colour		No.
For oxygen pressure reducer	blue	50	51.1427
For acetylene pressure reducer	red	50	51.1428



Oxygen Refilling Bend

Model		No.
max. 200 bar, cylinder coupling R 3/4"	360	3.5199



Safety Igniters

Powerful spark, wear-free hard alloy friction surface

Model		No.
Safety Igniter with rolling file	60	3.2077
Replacement flints, tin with 5 pieces	15	3.2088



Stirrup Lighter

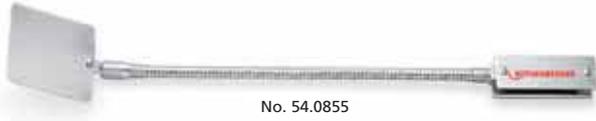
Description		No.
Stirrup Lighter, with friction roller and flint stone	50	54.0800
Replacement flints 3 x 20 mm	10	54.0801



Accessories for Gas Welding



No. 54.0850



No. 54.0855

Hand-held Welding Mirror

Model	g	No.
Steel wire handle with clamp / ball joint	280	54.0850
Spare steel mirror	50	54.0851

Magnet Welding Mirror

Model	g	No.
With flexible metal tube / ball joint	450	54.0855
Spare steel mirror	50	54.0851



Nozzle Cleaner

Model	g	No.
10 piece, in folding case	20	51.0105



Burner Spanner

Model	g	No.
With 11 SW	210	51.0106



Soldering Flux and Container for Hydrochloric Acid

Model	g	No.
With screw cap retaining band	40	53.0250



Salmiakstone

Model	L x W x H	g	No.
Pressed	65 x 45 x 40 mm	15	53.0310



Soapstone Marker

Model	L x W x H	g	No.
White, heat-resistant	100 x 10 x 10 mm	30	56.1550



No. 54.0622



No. 54.0620



No. 54.0640

Welding Goggles

With thermal glasses as per DIN



Model	Glass	g	No.
Nylon safety goggles	A 4	60	54.0620
	A 5	60	54.0621
Replacement glass (pair)	clear, non-splintering	60	54.0622
	A 4	30	54.0625
Screw-ring safety goggles	A 5	10	54.0626
	clear, non-splintering	30	54.0627
Replacement glass (Ø 50 mm)	A 4	90	54.0640
	A 5	90	54.0641
Replacement glass (Ø 50 mm)	A 4	30	54.0675
	A 5	10	54.0676

ROVLIES® Cleaning Pads

Metal-free, for fast, score-free cleaning of copper pipe soldering surfaces

KEY FEATURES

- Reduced corrosion damage
- No metal abrasion
- Removes oxide layers, corrosion, surface dirt, oil and grease residues
- Flexible
- Can be used wet or dry
- Solvent-resistant

Model				No.
ROVLIES®	1(10)	80	4.5268	
ROVLIES® counter display	36(10)	2180	4.5268D	



Internal Brushes for Copper Pipe

For fast cleaning of the soldering surface, rugged plastic handle

		No.			No.
mm	g		mm	g	
8	60	85.4179	16	120	85.4184
10	70	85.4180	18	120	85.4185
12	80	85.4181	22	140	85.4186
14	90	85.4182	28	140	85.4187
15	100	85.4183	35	160	85.4188



External Brushes for Copper Pipe

For fast cleaning of the soldering surface, tough housing

		No.			No.
mm	g		mm	g	
8	80	85.4189	16	130	85.4194
10	90	85.4190	18	140	85.4195
12	100	85.4191	22	150	85.4196
14	110	85.4192	28	160	85.4197
15	120	85.4193	35	170	85.4198



Hand Wire Brushes

Model	Number of rows		No.
Standard steel	3 rows	130	56.1351
Standard steel	4 rows	130	56.1352



Welding Blanket

Offers protection up to 1000 °C from welding flames and heat. Melting point of 840 °C under direct flame contact. Reduced fire hazard, also in case of long working times, protect wall coverings, cables, carpets and other flammable materials. Highly flexible, good formability enables it to be used everywhere, long service life, asbestos-free, no health risk. Packed in plastic cover.

Model	L x W x H		No.
Welding Blanket	330 x 500 mm	300	3.1050



Electric Soft-Soldering Unit

ROThERM 2000

Electric soft-soldering unit up to Ø 54 mm / 2.1/8"



Product Profile

APPLICATION AREA

For simple, safe and time-saving soft soldering without a flame. Particularly suitable for repair and modification work in surroundings or rooms with a fire hazard, as well as in building refurbishment

KEY FEATURES

- 1 Soldering without open flame
- 2 Large working radius, also when working under ceilings
- 3 Comfortable transport and convenient use
- 4 High performance, short soldering times
- 5 Thermal overload protection turns device off automatically
- 6 Handle shell will not overheat
- Problem-free connection on every 230 V outlet, 2 m connection cable
- Fast return on investment

KEY FEATURES

- No purchasing or handling of gas cylinders necessary
- Complies with all accident prevention / safety regulations and is therefore in accordance with the Device Safety Act

TECHNICAL DATA

Soft soldering of
Copper pipes up to: Ø 6 - 54 mm, 1/4 - 2.1/8"
Power: 2000 Watt
Solder gun cable: 4 m
Dimensions (L x W x H): 260 x 190 x 200 mm
Weight: 10.5 kg
 Power control lamp (red) and operating control lamp (green),
 Equipment fuse accessible from the outside

6 Generously dimensioned stainless steel cooling ribs on both shanks of the tongs

No overheating of the handle shells

5 Thermal overload protection

Automatic device shut-off

4 2000 W

High performance, short soldering times

3 Compact design

Comfortable transport and convenient use

2 Highly flexible, extra long 4 m solder gun cable

Large working radius, also when working under ceilings

1 Soldering without open flame

No risk of fire from flammable wall or floor covering, or from plastic parts, etc

Soldering without open flame!

ROTHERM 2000 Soft-Soldering Unit

Electric soft-soldering unit up to Ø 54 mm / 2.1/8"

Set (No. 3.6702 / No. 3.6704V) includes: ROTHERM 2000 soft soldering unit 230 V (No. 3.6700), Rosol 3 fittings soldering paste No. 4.5225, fitting solder 3 (No. 4.5255), ROVLIES® (No. 4.5268), Cu. Internal brushes 10 mm (No. 85.4180) / 12 mm (No. 85.4181) / 15 mm (No. 85.4183) / 18 mm (No. 85.4185) / 22 mm (No. 85.4186), steel case (No. 3.6715)

Particularly suitable for repair and modification work in surroundings or rooms with a fire hazard, as well as in building refurbishment



Fig. ROTHERM 2000 Set

Warming up of the soldering point without open flame



Rod electrodes for working near to the wall or between parallel running pipes with narrow gaps (can be ordered separately)



Flat electrode



Simple replacement of electrodes and electrode holders



ACCESSORIES



Description	No.	Description	
Flat electrode (pair)	3.6721	ROVLIES®	203
Flat electrode with holder (pair)	3.6711	External brush for copper pipe	203
Rod electrodes (pair)	3.6720	Soft soldering flux	207
Rod electrodes with holder (pair)	3.6710	Solders	206, 211
		Internal brush for copper pipe	203



Soft Solders and Accessories

Fitting Soft Solder to DIN EN

Standard type according to DIN EN 29 453	Solder composition in weight %	Melting range °C	Suitable for soft soldering in the plumbing industry			Recommended heat source
			Pipe Material	Fittings material	Recommended Flux according to DIN EN 29454	
S -Sn97Cu3	Sn 97 %, Cu 3 %	230 - 250°	Copper	Copper, gunmetal, brass	Part 1 - 3.1.1, 3.1.2, 2.1.2 or ROSOL 3	Cartridge burner, heat resistant soldering unit, Propane / induced-air burner, Acetylene / induced-air burner, Larger pipe diameters above 28 mm with propane / oxygen burner with dispersion nozzle
S -Sn97Ag3	Sn 96.7 %, Ag 3.3 %	221 - 240°	Copper	Copper, gunmetal, brass	Part 1 - 3.1.1, 3.1.2, 2.1.2 or ROSOL 1 S	

Standard Solder according to DIN EN

Standard type according to DIN EN 1044	Solder composition in weight %	Melting range °C	Working temperature °C	Suitable for soft soldering in the plumbing industry			Recommended Flux according to DIN EN 29454	Recommended heat source
				Pipe Material	Fittings material	Flux		
CP 203	P 5.9 - 6.5 / Cu Rest	710 - 880°	730°	Copper	Copper gunmetal brass	without flux with flux	F-SH 1 or LP 5	Cartridge burner with MAPP® Gas, Propane / induced-air burner, Acetylene / induced-air burner, Larger pipe diameters above 28 mm with propane / oxygen burner with dispersion nozzle
CP 105	Ag 1.5 - 2.5 / P 5.9 - 6.5 / Cu Rest	650 - 810°	710°	Copper	Copper gunmetal brass	without flux with flux	F-SH 1 or LP 5	
CP 104	Ag 4.0 - 6.0 / P 5.7 - 6.3 / Cu Rest	650 - 810°	710°	Copper	Copper gunmetal brass	without flux with flux	F-SH 1 or LP 5	
CP 102	Ag 14.0 - 16.0 / P 4.7 - 5.3 / Cu Rest	650 - 800°	710°	Copper	Copper gunmetal brass	without flux with flux	F-SH 1 or LP 5	
AG 306	Ag 29 - 31 / Cd 19 - 23 Cu 27 - 29 / Zn Rest	600 - 690°	680°	Steel copper	Steel, copper gunmetal brass	with flux (U = sheathed from 22 mm pipe-Ø)	F-SH 1 or LP 5	
AG 106	Ag 33 - 35 / Cu 35 - 37 Sn 1.5 - 2.5 / Zn Rest	630 - 730°	710°	Steel copper	Steel, copper gunmetal brass	with flux (U = sheathed from 22 mm pipe-Ø)	F-SH 1 or LP 5	
AG 304	Ag 39 - 41 / Cd 18 - 22 Cu 18 - 20 / Zn Rest	595 - 630°	610°	Steel copper	Steel, copper gunmetal brass	with flux (U = sheathed from 22 mm pipe-Ø)	F-SH 1 or LP 5	
AG 104	Ag 44 - 46 / Cu 26 - 28 Sn 2.5 - 3.5 / Zn Rest	640 - 680°	670°	Steel copper	Steel, copper gunmetal brass	with flux (U = sheathed from 22 mm pipe-Ø)	F-SH 1 or LP 5	



Application: For general soldering work on tinplate, copper, brass and for tinning - not suitable for drinking water installations and electronics.



DIN
-Norm

Standard Solder

Universal soft solder according to DIN EN 29 453 and flux according to DIN EN 29 454-1 2.1.1., S-Pb60Sn40, melting range 183 °C–236 °C

Solder wire Ø	Description	g	No.
2 mm	100 g coil	110	4.5271
2 mm	250 g coil	270	4.5270

Application: For all soldering work in electro-technology and communications - not suitable for drinking water installations.



DIN
-Norm

Radio Solder

Quality soft solder according to DIN EN 29 453 and flux according to DIN EN 29 454-1 1.1.2., S-Pb60Sn40, melting range 183 °C – 236 °C

Solder wire Ø	Description	g	No.
2 mm	100 g coil	110	4.5261E
2 mm	250 g coil	270	4.5260

Application: For soldering work in electro-technology electronics, miniature technology, printed circuits - not suitable for drinking water installations



DIN
-Norm

Electronic Solder

Quality soft solder according to DIN EN 29 453 and flux according to DIN EN 29 454-1 1.1.3., S-Su60, melting range 183 °C – 190 °C, activated without halogens, non-corrosive, all flux residues can remain on soldered joint without risk of corrosion

Solder wire Ø	Description	g	No.
1.5 mm	100 g coil	110	4.5281
1.5 mm	250 g coil	270	4.5280



Fittings Solders

Quality soft solders in accordance with **DIN EN 29453** for joining copper pipes to copper, gunmetal and brass fittings for hot and cold-water plumbing in accordance with DVGW worksheet GW 2 without flux, for use with corresponding ROSOL fittings solder paste

Fitting Solder 1 S

Quality soft solder **S-Sn97Ag3**, melting range 221 °C – 240 °C, for use with ROSOL 1 S soldering paste



Solder wire Ø	Description	g	No.
2 mm	250 coil	270	4.5252
3 mm	100 coil	110	4.5251
3 mm	250 coil	270	4.5250

Fitting Solder 3

Quality soft solder, **S-Sn97Cu3**, melting range 230 °C - 250 °C, for use with ROSOL 3 soldering paste



Solder wire Ø	Description	g	No.
2 mm	250 coil	270	4.5257
3 mm	100 coil	110	4.5256
3 mm	250 coil	270	4.5255

ROSOL Soldering Paste

Quality soft solders according to **DIN EN 29453**, with flux core **DIN EN 29454-1 3.1.1.C, with test mark DVGW Reg.-No. DV-0101AT2247**, for joining copper pipes to copper, gunmetal and brass fittings for hot and cold-water plumbing in accordance with DVGW worksheet GW 7, metal content 60% by weight, flux residues are 100% water soluble.



No. 4.5220

No. 4.5225



ROSOL 1 S

Fittings solder paste

Quality soft soldering flux, metal content: **S-Sn97Ag3**, only for use with fitting solder 1 S.

Model	g	No.
ROSOL 1 S in plastic bottle 250 g	270	4.5220

ROSOL 3

Fittings solder paste

Quality soft soldering flux, metal content: **S-Sn97Cu3**, only for use with fittings solder 3

Model	g	No.
ROSOL 1 S in plastic bottle 250 g	270	4.5225

Fittings Soft Solder Flux

According to **DIN EN 29454-1 3.1.1.C**, flux residues are 100 % water soluble, for joining copper pipes to copper, gunmetal, and brass fittings for hot and cold-water plumbing in accordance with DVGW worksheet GW 2 + GW 7, also suitable for general-purpose soldering work.

Model	g	No.
Fittings Soft Solder Flux in plastic tube 35 ml	45	4.5266



Hard Solders



Hard Solder Rings S 5

High-quality safety solder material with silver-phosphorus content, guaranteed according to DIN EN 1044, CP 105

KEY FEATURES

- Ideal for capillary soldering with copper pipe installation in sanitary and heating systems
- No lost material through dripping
- Matched precisely to the inner pipe diameters of brushed pipes and fittings according to **EN 1254**
- Complete wetting of brushes
- Particularly efficient working through precise solder quantity
- No preparatory or re-work of the soldered joint

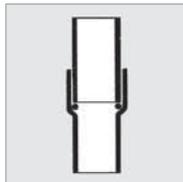
TECHNICAL DATA

Alloy (weight %):	Ag 1.5 - 2.5 / P 5.9 - 6.5 / Cu rest
Melting range:	650 °C - 810 °C
Joinable materials:	Copper, gunmetal, brass, bronze
Use of flux with:	Gunmetal, brass, bronze with hard solder paste LP 5
Package size:	250 g plastic bag

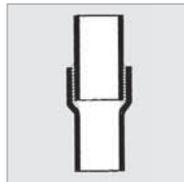
Simple insertion



Precise quantity of solder



Simply heat, no dripping, no reduction of cross-section



Outside Ø mm	approx. Content rings	g	No.
12	395 pieces	260	4.0512
14	268 pieces	260	4.0514
15	244 pieces	260	4.0515
16	228 pieces	260	4.0516
18	186 pieces	260	4.0518
22	106 pieces	260	4.0522
28	79 pieces	260	4.0528

6

Hard Solder Paste LP 5

Flux for hand soldering at working temperatures above 600 °C according to DIN EN 29454, Type F-SH 1, DVGW tested Reg.-No. DV-0101-AT2245, for gas and water installations with copper pipes, recommended by DVGW in accordance with Worksheets GW 2 and GW 7, hard solders with silver content and usable with any basic materials of steel, copper and copper alloys, brass and gunmetal, working temperature range 550 °C – 800 °C, flux residues must be removed carefully



Description	g	No.
LP 5 in plastic bottle 160 g	180	4.0500

Hard Solder Powder HKM

Flux for hard soldering at working temperatures above 800 °C, according DIN EN 29454, Type F-SH 2, working temperature 750 - 1100 °C, for copper and copper alloys, brass, gunmetal, nickel silver, bronze, steel and galvanised steel, grey iron and malleable cast iron, for welding copper and brass in dry conditions, can be mixed with clean water to form a paste, flux residues must be removed carefully



Description	g	No.
HKM in plastic bottle 160 g	180	3.5611

Flux Brush



Description	Width mm	Length mm	g	No.
Flux Brush	13	140	20	53.0261

Hard Solders

For copper pipe installation

ROTHENBERGER ROLOT special hard solders are particularly suited for copper pipe installations in cold and hot water systems, for open and closed heating systems, for gas installations in accordance with DVGW Worksheet GW 2 (liquid, natural and town gas), as well as for HVAC and refrigeration applications, and oil pipes. ROTHENBERGER ROLOT is especially suited for capillary soldering of copper pipes without fittings. Copper / phosphorus / silver solders are highly formable, and are therefore recommended for joints that are subjected to high thermal and mechanical alternating loads.

KEY FEATURES

- Non-foaming. Heat-resistant up to 200 °C
- No flux required with copper / copper joints
- Flux LP 5 is to be used when joining brass, gunmetal, copper, tin and copper / tin alloys
- Not to be used with materials containing sulphur, with iron / nickel alloys or with copper alloys containing nickel
- Manufactured with new, environmentally compatible technology, corrosion neutral, scale-free, improved flow properties



ROLOT® S 94 CP 203

Quality hard solder **guaranteed according to DIN EN 1044**, due to low phosphorus content, the solder has a wide melting range, and gives soldered joints with increased strength. Standard solder for normally-stressed copper pipe installation, especially for capillary soldering with copper pipe installation without fittings

TECHNICAL DATA

Alloy (weight %)	P 5.9 - 6.5 Cu rest
Melting range:	710 °C – 880 °C
Working temperature:	730 °C
Joinable materials:	Copper, gunmetal, brass, bronze
Flux required with:	Gunmetal, brass, bronze with LP 5

Guaranteed according to DIN EN 1044



Contents	Squared section mm	Length mm		No.
1 kg carton	2 x 2	500	1025	4.0094
1 kg carton	3 x 3	500	1025	4.0095
5 kg-plastic bag	2 x 2	500	5025	4.0094A

ROLOT® S 94 XN CP 203

Quality hard solder guaranteed according to DIN EN 1044, due to low phosphorus content, the solder has a wide melting range, and gives soldered joints with increased strength. Standard solder for normally-stressed copper pipe installation, especially for capillary soldering with copper pipe installation without fittings

TECHNICAL DATA

Alloy (weight %):	P 5,9 - 6,5 Cu rest
Melting range:	710 °C – 880 °C
Working temperature:	730 °C
Joinable materials:	Copper, gunmetal, brass, bronze
Flux required with:	Gunmetal, brass, bronze with LP 5

Guaranteed according to DIN EN 1044



Contents	Squared section mm	Length mm		No.
1 kg-carton	2 x 2	500	1025	4.0097X

ROLOT® S 1 CP 203

Special quality hard solder, not standardised, similar to **DIN EN 1044**, CP 203, for normally-stressed copper pipes systems, also for capillary soldering for copper pipe installations without fittings

TECHNICAL DATA

Melting range:	710 °C – 880 °C
Working temperature:	730 °C
Joinable materials:	Copper, gunmetal, brass, bronze
Flux required with:	Brass, gunmetal, bronze LP 5



Contents	 mm	Length mm		No.
1 kg carton	2	500	1025	4.0102



Hard Solders



Contents	Squared section mm	Length mm		No.
1 kg carton	2 x 2	500	1025	4.0202
1 kg carton	3 x 3	500	1025	4.0203

Guaranteed according to DIN EN 1044



Contents	Squared section mm	Length mm		No.
1 kg carton	2 x 2	500	1025	4.0212
1 kg carton	3 x 3	500	1025	4.0213

ROLOT® S 2 CP 105

Special quality hard solder, not standardised, **similar to DIN EN 1044**, with low silver content, matched to normally-stressed copper pipe system, ideal for capillary soldering

TECHNICAL DATA

Melting range:	710 °C – 820 °C
Working temperature:	720 °C
Joinable materials:	Copper, gunmetal, brass, bronze
Flux required with:	Gunmetal, brass, bronze with hard solder paste LP 5

ROLOT® S 2 CP 105

Silver / phosphorus safety hard solder, **guaranteed according to DIN EN 1044**, for higher-stressed copper pipe systems, ideal for capillary soldering in sanitary, heating and gas installations

TECHNICAL DATA

Alloy (weight %):	Ag 1.5 – 2.5 / P 5.9 – 6.5 / Cu rest
Melting range:	650 °C – 810 °C
Working temperature:	710 °C
Joinable materials:	Copper, gunmetal, brass, bronze
Flux required with:	Gunmetal, brass, bronze with hard solder paste LP5

6



Contents	Squared section mm	Length mm		No.
1 kg carton	2 x 2	500	1025	4.0502

Guaranteed according to DIN EN 1044



Contents	Squared section mm	Length mm		No.
1 kg carton	2 x 2	500	1025	4.0005

ROLOT® S 5 CP 104

Particularly high quality hard solder, not standardised, **similar to DIN EN 1044**, with low silver content, ideal for capillary soldering in sanitary, heating and gas installations

TECHNICAL DATA

Melting range:	710 °C – 820 °C
Working temperature:	720 °C
Joinable materials:	Copper, gunmetal, brass, bronze
Flux required with:	Gunmetal, brass, bronze with hard solder paste LP5

ROLOT® S 5 CP 104

High-quality silver/phosphorus safety hard solder, **guaranteed according to DIN EN 1044**, for higher-stressed copper pipe systems, ideal for capillary soldering in sanitary, heating and gas installations

TECHNICAL DATA

Alloy (weight %):	Ag 4 – 6 / P 5.7 – 6.3 / Cu rest
Melting range:	650 °C – 810 °C
Working temperature:	710 °C
Joinable materials:	Copper, gunmetal, brass, bronze
Flux required with:	Gunmetal, brass, bronze with hard solder paste LP 5

Guaranteed according to DIN EN 1044



Contents	Squared section mm	Length mm		No.
1 kg carton	2 x 2	500	1025	4.0015

ROLOT® S 15 CP 102

Particularly high quality silver hard solder, **guaranteed according to DIN EN 1044**, especially for capillary soldering subject to high thermal and mechanical alternating loads in HVAC systems, as well as demanding sanitary and gas installations.

TECHNICAL DATA

Alloy (weight %):	Ag 14.0 – 16.0 / P 4.7 – 5.3 / Cu rest
Melting range:	650 °C – 800 °C
Working temperature:	710 °C
Joinable materials:	Copper, gunmetal, brass, bronze
Flux required with:	Gunmetal, brass, bronze with hard solder paste LP 5

Important note:

The hard solder Series S 30, S 30 U, S 45, S 45 U contain cadmium and are therefore only permitted outside of drinking water installations for hygienic reasons. Accident Prevention Regulations (e.g.

VBG 15) require that adequate workplace ventilation must be ensured when working with cadmium-containing solders. Harmful vapours can arise due to over-heating. In the case of continuous soldering operations, extraction devices are recommended

Silver Hard Solders Ag 306 S 30 / S 30 U flux-covered

Contains cadmium, quality silver hard solder, **guaranteed according to DIN EN 1044**, plain (S 30) or flux-covered according to **DIN 8511 F-SH 1 (S 30 U)** universal application areas for gap soldering, excluding drinking water installations, heat-resistant up to 200 °C

TECHNICAL DATA

Alloy (weight %):	Ag 29.0 – 31.0 / Cd 19.0 – 23.0 Cu 27.0 – 29.0 / Zn rest
Melting range:	600 °C – 690 °C
Working temperature:	680 °C
Joinable materials:	Steel, malleable cast iron, copper, gunmetal, copper and nickel alloys
Flux required:	for S30 generally with hard solder paste LP 5

**Guaranteed according to DIN EN 1044**

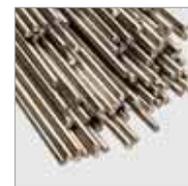
Contents	mm	g	S 30	S 30 U
			No.	No.
100 g plastic bag	2	110	4.4901	4.4921
250 g plastic bag	2	260	4.4902	4.4922
1000 g plastic bag	2	1010	4.4900	4.4930

Silver Hard Solders Ag 106 S 34 Cu / S 34 Cu U flux-covered

Free of cadmium, quality silver hard solder **guaranteed according to DIN EN 1044**, plain (S 34 Cu) or flux-covered according to **DIN EN 29454 F-SH 1 (S 34 Cu U)**, universal application areas for gap soldering, also for drinking water installations, heat-resistant up to 200 °C

TECHNICAL DATA

Alloy (weight %):	Ag 33.0 – 35.0 / Cu 35.0 – 37.0 Sn 1.5 – 2.5 / Zn rest
Melting range:	630 °C – 730 °C
Working temperature:	710 °C
Joinable materials:	Steel, malleable cast iron, copper, gunmetal, copper and nickel alloys
Flux required:	for S 34 Cu generally with hard solder paste LP 5

**Guaranteed according to DIN EN 1044**

Contents	mm	g	S 34	S 34 U
			No.	No.
100 plastic bag	2	110	4.4910	4.4915
250 plastic bag	2	260	4.4911	4.4916
1000 plastic bag	2	1010	4.4912	4.4917

Silver Hard Solders Ag 304 S 45 / S 45 U flux-covered

Contains cadmium, quality silver hard solder, **guaranteed according to DIN EN 1044**, plain (S 45) or flux-covered according to **DIN EN 29454 F-SH 1 (S 45 U)**, universal application areas for gap soldering, excluding drinking water installation, heat-resistant up to 200 °C

TECHNICAL DATA

Alloy (weight %):	Ag 39.0 – 41.0 / Cd 18.0 – 22.0 Cu 18.0 – 20.0 / Zn Rest
Melting range:	595 °C – 630 °C
Working temperature:	610 °C
Joinable materials:	Steel, malleable cast iron, copper, gunmetal, copper and nickel alloys
Flux required:	for S 45 generally with hard solder paste LP 5

**Guaranteed according to DIN EN 1044**

Contents	mm	g	S 45	S 45 U
			No.	No.
100 plastic bag	2	110	4.5002	4.5102
250 plastic bag	2	260	4.5007	4.5104
1000 plastic bag	2	1010	4.5004	4.5103

Silver Hard Solders Ag 104 S 45 Cu / S 45 Cu U flux-covered

Free of cadmium, quality silver hard solder, **guaranteed according to DIN EN 1044**, plain (S 45 Cu) or flux-covered according to **DIN EN 29454 F-SH 1 (S 45 Cu U)**, universal application areas for gap soldering, excluding drinking water installations, heat-resistant up to 200 °C

TECHNICAL DATA

Alloy (weight %):	Ag 44.0 – 46.0 / Cu 26.0 – 28.0 Sn 2.5 – 3.5 / Zn rest
Melting range:	640 °C – 680 °C
Working temperature:	670 °C
Joinable materials:	Steel, malleable cast iron, copper, gunmetal, copper and nickel alloys
Flux required:	for S 45 generally with hard solder paste LP 5

**Guaranteed according to DIN EN 1044**

Contents	mm	g	S 45	S 45 U
			No.	No.
100 plastic bag	2	110	4.5050	4.5055
250 plastic bag	2	260	4.5051	4.5056
1000 plastic bag	2	1010	4.5052	4.5057





ROWELD® Plastic Pipe Welding Equipment

Pa P e ea	214	215
Pa P e e		216
Pa P e a		217
Pa P e g a e g	218	220
a a a Pa P e		221
e e g	222	223
ea gPa e		224
a e g		225
Pa P e e g a e P 110		226
e - e g		227
Pa P e e g a e P 160	228	229
Pa P e e g a e P 250	230	231
e e P 110 / P 160 / P 250	232	234
e e e- - e		235
e e g e a e	236	237
e e a e	238	239
e - e g		240
e e		241



Plastic Pipe Shears

ROCUT®

Product Profile

In the Basque region of Spain, ROTHENBERGER designs and produces plastic pipe shears of the highest quality. Knife blades from Solingen deliver clean and straight cuts on pipe diameters up to

5 mm and in all current types of plastic used for piping. The aluminium construction guarantees precise operation and long service life through professional use.

Product Profile

PP

For precise cutting of PP, PE, PE, PB and P-DF pipes up to 5 mm

- Minimum effort during cutting
- Precise right-angled cuts
- Pin-point precision without deformation
- Precise pressure transfer and guided cutter feed
- Automatic, controlled opening of the blade at the push of a button

- Secure grip with the rubberised handles
- Shear arms lockable in transport position

	Pipe diameter	Weight	Length
42	0 - 42 mm	26	0 - 26 mm
50	0 - 50 mm	32	0 - 32 mm
63	0 - 63 mm	P 35	6 - 35 mm
75	0 - 75 mm	P 26/42	6 - 42 mm



Model	mm	inch	Weight	Length	No.
ROC T TC 42	0 - 42	0 - 1 5/8"	44	1 4	5 2000
Spare stainless steel blade	0 - 1 5/8"		120		5 2042
Counter display TC 42				1 10	5 2000

Plastic Pipe Shears

ROCUT® TC 50 / TC 75 Professional

Pa e ea 75 3



No. 5.2015



No. 5.2010

ROCUT® TC 63 Professional

Pa e ea 63 2 1/2

TC 63 Professional for P C pipes



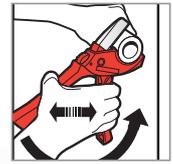
No. 5.2030



ROCUT® TC 26 / TC 32 PS 26 / PS 42 S / PS 35 S

Pa e ea 42 1 5/8

TC 32 for multi-layer composite pipes SR



No. 5.2040



No. 5.2005



No. 5.2005D



No. 5.5005 / No. 5.5015



odel	mm	inch	g		No.
ROC T TC 26	0 - 26	0 - 1.1/4"	3 0	1 4	5 2005
ROC T TC 32	0 - 32	0 - 1.3/ "	220	1 4	5 2040
ROC T PS 35	6 - 35	1/4 - 1.3/ "	40	1 20	5 5005
ROC T PS 26 / 42 S adjustable	6 - 42	1/4 - 1.5/ "	950		5 5015
ROC T TC 50	0 - 50	0 - 2"	600	1 4	5 2010
ROC T TC 63	0 - 63	0 - 2.1/2"	00	1	5 2030
ROC T TC 5	0 - 5	0 - 3"	1600	1	5 2015
Counter display TC 26				1 10	5 2005



Description	mm	inch	g		No.
Spare stainless steel blade for TC 32	0 - 32	1.3/ "	120	1	5 2041
Spare stainless steel blade for PS 35 S	6 - 35	1/4 - 1.3/ "	30	1	5 5006
Spare stainless steel blade for PS 26 / 42 S	6 - 42	1/4 - 1.5/ "	60	1	5 5007
Spare stainless steel blade for TC 50	0 - 50	0 - 2"	120	1	5 2011
Spare stainless steel blade for TC 63	0 - 63	0 - 2.1/2"	130	1	5 2031
Spare stainless steel blade for TC 5	0 - 5	0 - 3"	190	1	5 2016

Plastic Pipe Cutters

TUBE CUTTER 67 / 125 / 168 PL Automati



ee a e e e
6 - 168 1/4 - 6 5/8

Product Profile

PP

For precise cutting of PP, PE, PE, PB and P DF pipes as well as sound-insulated drain pipes



No. 7.0033

Removable internal pipe deburrer



No. 7.0031D



- Maximum strength with the monoblock aluminium construction
- Optimum, fatigue-free operation with the ergonomically optimised metal handle
- Fast adjustment on the tube's outer diameter with the telescopic ratchet guide
- Fast opening with automatic retraction
- Internal pipe deburrer retracts into cutter body
- Hardened, specially-sharpened cutter wheels

67 P	6 - 6 mm	1/4 - 2.5/ "
125 P	50 - 125 mm	2 - 5"
168 P	110 - 16 mm	4 - 6.5/ "

Model	mm	inch	Cutting depth	kg		No.
TC 6 PL	6 - 6	1/4 - 2.5/ "	0.	1	1	7 0031
TC 125 PL	50 - 125	2 - 5"	13	1.6	1	7 0032
TC 16 PL	110 - 16	4 - 6.5/ "	16	1.	1	7 0033
Counter display TC 6 PL					1 4	7 0031

Spare Cutter wheels for TC 6 PL	.0	0.1	3	7 0028
Spare Cutter wheels for TC 125 PL	13.0	0.2	3	5 5054
Special size TC 125 PL	.6	0.1	2	5 5053
Spare Cutter wheels for TC 16 PL	16.0	0.2	2	5 5074
Special size TC 16 PL	.6	0.1	2	5 5053

TUBE CUTTER 35 MSR / 42 MSR PRO / 42 PRO P C

ee e e 6 - 42 1/4 - 1 3/8

PP

T BE C TTER 35 SR and 42 SR PRO for multi-layer composite pipe

T BE C TTER 42 PRO P C for P C pipes

- Space-saving work, also in confined spaces
uniform small working radius of 123 mm



No. 7.0108

- Right-angled and burr-free cutting with precise telescopic guidance
- Fast and simple adjustment of the working range due to the feed being synchronised with the feeder rotation
- Optimum, fatigue-free operation with the optimised ergonomic handle
- Only one tool for cutting and deburring, integrated, retractable internal pipe deburrer
- Spare cutter wheel in the handle

35	6 - 35 mm	1/4 - 1.3/ "
42 P	6 - 42 mm	1/4 - 1.5/ "
42 P P	6 - 42 mm	1/4 - 1.5/ "

Model	mm	inch	kg		No.
TC 35 SR	6 - 35	1/4 - 1.3/ "	440	1 10	7 0108
TC 42 PRO SR	6 - 42	1/4 - 1.5/ "	510	1 10	7 0109
TC 42 PRO P C	6 - 42	1/4 - 1.5/ "	510	1 4	7 0072

Spare cutter wheels TC 35/42 SR	19	1	5	7 0188
Spare cutter wheels TC 42 P C	10	3	7 0028	

EASYGRIP

a a e a e
20 - 160 3/4 - 6

The indispensable tool for socket welding large diameter plastic pipes

- 1 No damage to pipe surface with the centred prismatic support
- 2 Secure grip with special non-slip nylon strap

odel	mm	inch	kg	No.
EAS GRIP	20 - 160	3/4 - 6"	1	5 5075
Spare strap EAS GRIP			110	5 2046



1 e e a

No damage to the pipe surface



2 - e a a

Secure grip

UNIGRAT Fast deburrer

a e e e a ea e e a a e

For edge deburring on all conventional plastic pipes and plastic plates

odel	g	No.
UNIGRAT Fast Deburrer	30	2 1660

- Small and handy: ideal as a permanent companion



GRATFIX HSS-deburrer

a e e e a ea e e a a e

For edge deburring on all conventional plastic pipes and plastic plates

odel	g	No.
GRATFI HSS fast deburrer	50	2 1655
Spare HSS blade	10	2 1652

- Always a spare blade at hand: extra blade stored in the handle



No. 2.1655



No. 2.1652



Plastic Pipe Chamfering Unit

e a ea e a e 16 - 160

For 15° outer chamfers on plastic pipe

- Flexible in use, wall thickness is continuously adjustable

odel	mm	g	No.
Chamfering unit size 1	16 - 110	20	5 5050
Chamfering unit size 1	32 - 160	00	5 5051
Spare blade size 1 and 2		30,0	5 5058



No. 5.5051

Plastic Pipe Cutting & Chamfering Tools

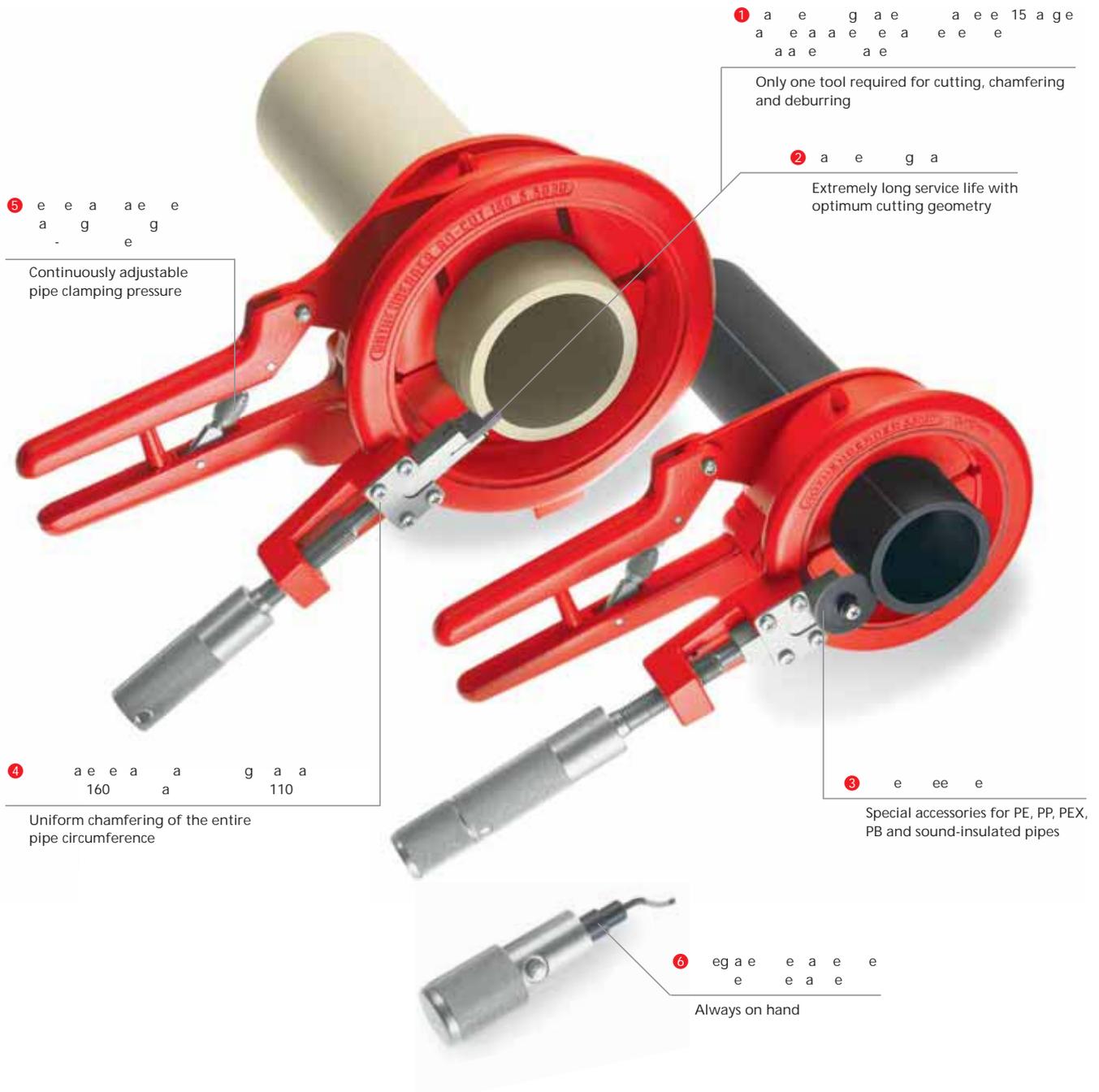
ROCUT 110 / ROCUT 160



g a a e g g -a g e g
a a e g 15 32 - 160

Product Profile
PP
Suitable for thin and thick-walled P C, PE, PP, PE , PB and P DF pipes, as well as sound-insulated drain pipes. t most precision in a single operation.
<ul style="list-style-type: none"> 1 Only one tool required for cutting, chamfering and deburring 2 Extremely long service life with optimum cutting geometry 3 Special accessories for PE, PP, PE , PB and sound-insulated pipes

<ul style="list-style-type: none"> 4 Uniform chamfering of the entire pipe circumference 5 Continuously adjustable pipe clamping pressure 6 Integrated internal deburrer is stored in the handle 	<ul style="list-style-type: none"> • Pipe cutting also possible without chamfering, as cutter blade shaft can be mounted with 1 0 offset
110	32 - 110 mm
160	110 - 160 mm



Plastic Pipe Cutting & Chamfering Tools

ROCUT 110 / ROCUT 160 Sets

Set **110** No. 5.5035 / No. 5.503 includes: ROC T 110 No. 5.5020, internal deburrer No. 5.501, clamping set 50, 5 and 110 mm, with standard cutter blade shaft and cutter blade insert No. 5.5029, cutter wheel No. 5.4950 for sound-insulated pipes, plastic carrying case No. 5.5016, with Set No. 5.503 is No. 5.5029 not included



No. 5.5035

Set **160** No. 55063 includes: ROC T 160 No. 5.5030, internal deburrer No. 5.501, 2 clamping sets, cutter blade shaft with copying and, H cutter blade insert No. 5.5019, plastic carrying case No. 5.501



Set No. 5.5063

Model	Working range mm	Weight kg	No.
ROC T 110-Set	50, 5, 110	3.9	5 5035
ROC T 110-Set for sound-insulated pipes	5, , 110	3.9	5 5037

Model	Working range mm	Weight kg	No.
ROC T 160-Set	110, 125, 160	5.6	5 5063



Expansion Set

e



Set (No. 5.5010) includes: Cutter blade shaft with cutter blade (No. 5.4951), clamping set Ø 60, 80, 100 mm (No. 5.5044 / 5.5047 / 5.5048)

Model	Working range mm	Weight kg	No.
From ROC T to ROC T RAIN A	60, 80, 100 mm	50	5 5010

Description	Weight g	No.
Internal deburrer with blade,	150	5 5018
Cutter blade for internal deburrer	10	2 1652
Plastic carrying case for ROC T 110	50	5 5016
Plastic carrying case for ROC T 160	1400	5 5017

Technical drawing reference: a g a e 220



ROCUT® 0 with cutter wheel

ROCUT® 0 (No. 5.4 50) with cutter blade (special accessories)

For hands-free operation



Clamping in a parallel vice



Plastic Pipe Cutting & Chamfering Tools



RO CUT® 110 with cutter wheel (No. 5.4 50) (special accessories)



RO CUT 110

a 32 - 110

For use with clamping sets 32 - 100 mm, without internal deburrer, with standard cutter blade shaft and cutter blade No. 5.5029

odel	mm	g	No.
Basic unit ROC T 110	110	2450	5 5020
Clamping set	100	110	5 5048
Clamping set	90	150	5 5021
Clamping set	0	1 0	5 5047
Clamping set		1 0	5 5062
Clamping set	5	210	5 5022
Clamping set	63	220	5 5023
Clamping set	5	230	5 5013
Clamping set	56	2 0	5 5024
Clamping set	50	290	5 5025
Clamping set	40	300	5 5027
Clamping set	32	330	5 5026
Clamping set 1 set	2 semi-circular segments		



RO CUT® 160 with cutter blade



RO CUT 160

a 110 - 160

Cutter blade shaft with automatic copying and cutter blade No. 5.5019, for use with clamping sets 110 - 140 mm, without internal deburrer

odel	mm	g	No.
Basic unit ROC T 160	160	3450	5 5030
Clamping set	140	1 0	5 5031
Clamping set	125	250	5 5032
Clamping set	110	310	5 5033
Clamping set 1 set	2 semi-circular segments		



With automatic copying



HM Cutter Blade Inserts

110 a 160

odel	Cutting depth mm	g	No.
Cutter blade shaft with automatic copying and H cutter blade inserts	.5	110	5 4960
Cutter blade shaft with automatic copying and H cutter blade inserts	12.5	120	5 4961
Spare H cutter blade insert for cutting and chamfering 15	.5	10	5 5029
Spare H cutter blade insert for cutting and chamfering 15	12.5	20	5 5019



Cutter Wheels

110 a 160

odel	Cutting depth mm	g	No.
Cutter blade shaft with cutter wheel No. 5.50 4	16.0	130	5 4950
Spare cutter wheels 2 pcs.	.6	10	5 5053
Spare cutter wheels 3 pcs.	13.0	20	5 5054
Spare cutter wheels 2 pcs.	16.0	20	5 5074

Orbital Circular Saw for Plastic Pipe

ROCUT U S 160 / 355

g - e a e a a a 160 - 355



Product Profile

PP

For cutting of plastic pipes made of PE, PP and P C
For use on the building site or in the workshop.

- 1 Right-angled cuts with no misalignment
- 2 Exact repeatable cuts with adjustable cutting depth limit and fine setting
- 3 Efficient and economical operation with high cutting speed
- 4 Safe operation with T tested saw blade guard
- 5 Optimum pipe centering

age	230 50 / 60 Hz
P e	1520 W
e e a e e	160 mm - 355 mm
a	40 mm



3 P e 1520
g g ee
Time-saving and efficient operation

4 e e a a e g a
Safe operation

5 e a a g
Optimum pipe centering

2 a e g e e e g
Exact repeatable cuts

1 e e e a g a g e e
Right-angled cuts with no misalignment

No. 5.5655



No. 5.5505



odel	kg	No.
ROC T KS 160/355, complete with H saw blade No. 5.5505, without transport box	15.4	5 5620
Spare H saw blade 1 0 x 30 mm with spacer	0.6	5 5505
Transport box 00 x 350 x 500 mm	1 .5	5 5655

Six rubberised clamping guide
rollers ensure right-angled cuts
with no misalignment



Secure clamping and optimum
pipe centering are guaranteed by
the central trapeoidal clamping
device



Socket Welding Unit

ROWELD® P 63 S-5 Sword

20 - 63



Product Profile

PP

Socket welding unit for use with heating spigots and heating sockets 20 - 63 mm with three simultaneously usable combinations for welding sockets, pipes and fittings up to 63 mm

- 1 Increased flexibility and combination options for every day use
- 2 Long service life and according to DVS regulations
- 3 All important information at a glance
- 4 Safe operation with the temperature control as per DVS regulations

- 5 Light and handy for fatigue-free use
- 6 Simple operation even in confined spaces
- 7 Unit has an integrated and retractable floor stand

Power: 100 W
 Thermostatic or electronically controlled
 For sockets, pipes and fittings from 20 - 63 mm
 Voltage: 230 / 50 / 60 Hz
 110 / 115 / 50 / 60 Hz

1 3 e g ea g g
a ea g e

Increased flexibility and combination options for every day use

2 ea g g a ea g e
20 - 63 g a P -
a - - e g

Long service life and according to DVS regulations

a e e ea a
e a e

Efficient heat protection

3 a a
a e a

All important information at a glance

4 a e ea e e ea e
a e eg a

Process safety thanks to temperature control according to DVS

a e ea e

Unit safety

7

6 ea g ae a e ea a

Easy operation even in confined spaces

7 a a eg ae a e a a e a

Floor stand is always available when needed

5 eg ae eg a e

Light and handy for fatigue-free use



ROWELD® P 63 S-5 Sword Set

P-63 S-5 Sets include: Heating spigots, Allen key size 6 No. 32.1216 , socket-head screws and table mounting clamp in plastic carrying case



Fig. P 63 S-5, thermostatically controlled



Fig. P 63 S-5, electronically controlled

odel	Performance Working range mm	Control oltage	Description	kg	230 No.	110/115 No.
P 63 S-5 Set	20, 25, 32	00	thermostatic	4.30	5 3892	5 3894
P 63 S-5 Set	20, 25, 32, 40, 50, 63	00	thermostatic	5.30	5 3893	5 3889
P 63 S-5 Set	20, 25, 32	00	electronically	4.30	5 3890	5 3886
P 63 S-5 Set	20, 25, 32, 40, 50, 63	00	electronically	5.30	5 3891	5 3887
P 63 S-5 Single unit		00	thermostatic	1.	5 3897	5 3899
P 63 S-5 Single unit		00	electronically	1.	5 3896	5 3898

Heating Spigots & Soc ets Form A for P 63 S-5

With high-quality non-stick Teflon coating with a long service life and manufactured according to D S regulations



Working range mm	g	No.
20	0	5 3511
25	100	5 3512
32	1 0	5 3513

Working range mm	g	No.
40	260	5 3514
50	3 0	5 3515
63	600	5 3516

Secure workbench operation, integrated holder for the table mounting clamp



P S-5 Set thermostatically controlled



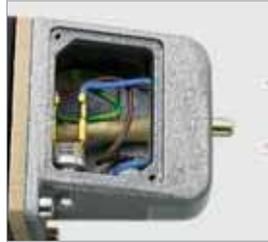
Heating Plates

ROWELD HE Heating Plates

ea g a e e g P PP P
a P e a g 20 - 250



Quick-exchange system for heating plates



Plastic pipe heating plates for free-handed working or workbench assembly using table mounting clamp

- Long service life and manufactured according to D S regulations
- Process reliability with the temperature control according to D S, CEN and ISO standards
- Electronic temperature control and monitoring as well as prevention against unintentional temperature adjustment
- Save time and money with quick-exchange system for heating plates

Power watts	Heating plate mm	Control odel	kg	230 50/60 Hz	110/115 50/60 Hz
500	120/45	electronically	1, 0	5 5518	5 5517
1000	200	electronically	3,25	5 5316	5 5851
1500	300	electronically	5,35	5 5317	5 5854
Table mounting clamp			0,45	5 5524	
Carrying case for 200 mm heating plate			2, 0	5 5525	
Carrying case for 300 mm heating plate			5,90	5 5528	

ROWELD P 125

e e g e e ea g g
a ea g e 16 - 125 a e
a a a a e e g



With three simultaneously usable welding combinations for free-handed working or workbench assembly using table mounting clamp



No. 5.5321



Heating spigot/
Heating socket



Adaptor plate



odel	Power watts	mm	Control odel	kg	230 50/60 Hz
P 125	1300	16 - 125	electronically	3,10	5 5321
P 125 Set	1300	63 - 125	electronically	1, 05	5 5546

ROWELD P 125 Set Form A

a g a e e e g 1300 a
ea g g a e a a a e 1 e 2
a e ea g g a e a a a e
1 e 2 a e a e g a a a

Product Profile

- With high-quality non-stick Teflon coating, long service life and manufactured according to D S regulations
- Process reliability with the temperature control according to D S, CEN and ISO standards
- Electronic temperature control and monitoring, as well as prevention against unintentional temperature adjustment
- Saves time and money with quick-exchange system for heating plates
- Optimum temperature distribution over the entire working area
- 4 holes for mounting of heating spigots and heating sockets

Set (No. 5.5546) includes: Basic unit, table mounting clamp, heating spigot/ heating socket, 63-75, 90, 100 and 125 mm, steel case

Heating Spigots / Heating Sockets

odel	kg	No.	odel	kg	No.
16	0,06	5 5585	40	0,26	5 5592
1	0,06	5 5586	50	0,3	5 5593
1	0,0	5 5587	63	0,60	5 5594
19	0,0	5 5588	5	0, 9	5 5595
20	0,0	5 5589	90	1,33	5 5596
25	0,10	5 5590	110	2,0	5 5597
32	0,1	5 5591	125	2,33	5 5598

Description	kg	No.	Description	kg	No.
Table mounting clamp for P 125	0.45	5 5524	Floor stand for ROWELD P 125	0.44	5 5539
Allen key No. 6 for P 125	0.02	32 1215	Socket pin for heating spigot for P 125	0.01	5 5549
Carrying case for ROWELD P 125 Set	4. 0	5 5555			
Allen key size 5. 6 x 40 for heating spigots / heating bushes and adaptor plate for P 125				0.01	8 1957
Adaptor plate for butt welding ROWELD P 125 160 mm 1 set 2 pcs non-stick Teflon coating				1.15	5 5536

Hot Gas Welding Units



ROWELD HG / WG

Product Profile

PP

Processing of roofing materials

Welding of sheets, films, tents, in boat building, refuse dump lining, for swimming pools, automotive industry and tank construction. Shrinking of fittings and sleeves in the electrical industry.

Repair and processing of plastic parts in automobile repair shops, hot air welding, shaping and shrinking of thermoplastics in the workshop or on building sites

- Suitable for continuous operation
- Light, handy and robust
- Welding temperature up to 00 °C, continuously adjustable
- Gentle cooling protects heating elements when work is completed, additional cooling stage so there is no need to change the preselected heating on the HG 1600 E

- Clip-on speed nozzles, no screws
- Easy fitting of the nozzles in all working applications
- Service-friendly: Heater assembly easily replaceable
- Ideal for stationary use in the workshop, powerful, light 00 g and handy hot gas welding unit WG 1600 E
- Active device protection for a long service life. In case of an air supply failure, a safety circuit reduces the heating power and switches it off completely after 30 seconds WG 1600 E

0 - 250 l / min

We recommend the air compressor 26, No. 5.33 for the WG 1600 E

1500 Watt heating element with electronic temperature control



No. 5.5770

odel kg 230 50 / 60 Hz

ROWELD HG 1600 E complete 1.4 5 5770
with 5 mm tubular nozzle No. 5.5 69



No. 5.5780

odel g 230 50 / 60 Hz

ROWELD WG 1600 E complete 00 5 5780
with 5 mm tubular nozzle No. 5.5 69

Nozzles for HG 1600 E and WG 1600 E



Description	Parts-No.	kg	No.
universal tubular nozzle	1	5.0	40 5 5769
Wide slot nozzle, angled	2	20.0	50 5 5778
Wide slot nozzle	3	40.0	60 5 5779
Speed nozzle for round welding rod	4	3.0	20 5 5773
Speed nozzle for round welding rod		4.0	20 5 5774
Speed nozzle for round welding rod		5.0	20 5 5775
Triangular speed nozzle for profiled welding rod	5	5.0	20 5 5776
Triangular speed nozzle for profiled welding rod		.5	20 5 5777
Tacking nozzle	6		20 5 5772



Description	Parts-No.	kg	No.
Shrinking reflector	7		60 5 5783
Pressure roller, 45 mm for overlap welding of sheets	8		210 5 5816
universal scraper set for preparing welded seams consisting of handle, triangular, heart and multi-shaped blades	9		210 5 3380
Phillips screwdriver for nozzle mounting	10		40 7 3152
Heating plate 1500 Watt	11		0 5 5800
Spare carbon brushes 1 set 2 brushes for HG 1600 E	12		10 5 5788
Reinforced plastic pipe, 3 m f. WG 1600 E			350 5 5782
Steel case for ROWELD HG 1600 E			4400 5 5799



Plastic Pipe Welding Machine P 110

ROWELD® P 110

Pa e e g a e 20 - 110



Product Profile

PP

For butt welding of pipes and fittings made of PE, PP, PB and P DF
Particularly suited for installation work and for work in confined spaces - also in pipe networks

- 1 Production of segmented bends possible
- 2 Precise pressure adjustment
- 3 Single and double-sided trimming possible

- 4 Production of pipe and fitting joints
- 5 Secure hold and simple axial pipe alignment

P e a e e	20 - 90 mm	SDR 41 - SDR ,25
	20 - 110 mm	SDR 41 - SDR 11
e g	,5 kg	
e	450 mm total length	

4 a a a g e e
a e e

Segmented bends can be produced

5 e a e e
a e 20 - 90
e a e

Secure hold and simple axial pipe alignment

1 g e e e a a g e e
e a a e e 15 ea

Segmented bends can be produced

3 e a a
a a e e

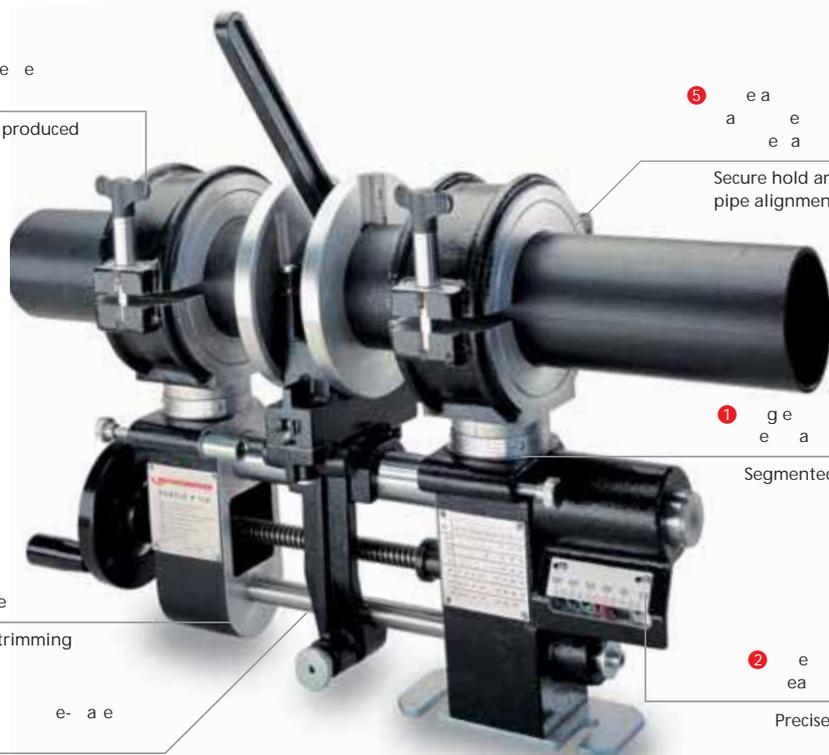
Single and double-sided trimming possible

2 e e a a
ea e ae

Precise pressure adjustment

a e e e- ae
g e a

Absolutely warp-resistant



7



oints between fittings and pipes
with narrow and wide clamping
elements

By adjusting the basic clamping
element angles on both sides
(5 each side) segmented bends
can be produced

Rectangular heating element



Scope of delivery (No. 5.5844): Basic machine (No. 5.5787) with table mounting brackets, manual trimmer unit (No. 5.5826), electronically controlled heating plates, basic clamping set R/R (No. 5.5807) (Ø 110 mm) and basic clamping set R/F, left (No. 5.5808) (Ø 110 mm), reducer clamping inserts R/R and R/F for Ø 40 - 90 mm, assembly tools, table mounting clamp (No. 5.5524), transport box (No. 5.5832)

odel	Working range mm	Temperature control	230 50/60 Hz	110/115 50/60 Hz
ROWELD P 110 complete	40, 50, 56, 63, 5, 90, 110	electronically	43	5 5844 5 5924
a e e	232			

ROWELD ROFUSE Sani 160



Universal electro-fusion welding unit for PE and PP drainage pipe fittings, for 230 fittings

Product Profile

PP

Universal electro-fusion welding unit for PE and PP drainage pipe fittings, for 230 fittings

For the following makes Geberit, Akatherm-E R, Coes, Alsir, WA IN-Duo, Aquatherm and Sulcathe-Euro

- 1 Microprocessor-controlled welding unit with automatic welding parameter settings
- 2 Visual monitoring of the welding process
- 3 Large operating radius
- 4 Robust and impact resistant casing IP 44
- 5 Automatic welding parameter settings

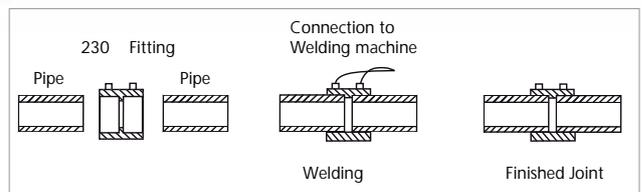
Age	230
Material	160 - 250
Frequency	40 Hz - 60 Hz
Power	230
Protection class	IP 44
Temperature range	-5 °C bis 40 °C
Current	5 A
Weight	1,2 kg
Dimensions	120 x 160 x 80 mm
Warranty	3 m



Carrying case



Easy to transport



Model	Weight (kg)	No.
ROWELD ROFUSE Sani 160 with carrying bag	1.2	5 4230

Plastic Pipe Welding Machine P 160 Saniline

ROWELD® P 160 SANILINE

Pa a a e e g a e 40 - 160



Product Profile

PP

For butt welding of PP, PB and P DF pipes and fittings, especially suitable for 45° branches and tight elbows
For use on building sites or in the workshop

- 1 Versatile for difficult situations with the removable heating plates
- 2 Secure clamping of pipes, fittings, tight 45° branches and 90° elbows
- 3 Protects against unintentional starting and derailing of the trimmer unit
- 4 Precise pressure adjustment

- 5 Minimum drag force
- 6 40% higher stability with simultaneously optimised force distribution
- 7 All common sanitary installation fittings can be clamped

Pipe diameter	40 - 110 mm	SDR 41 - 11,25
	40 - 140 mm	SDR 41 - 11
	40 - 160 mm	SDR 41 - 11,6
Weight	34,4 kg	
Power consumption	100 W	
Clamping force	500 W	

2 - e e a e 40 -
140 a g ea e

Safe clamping of pipes, fittings and 45° branches and 90° elbows

1 e a e ea g a e g
e e ea a a e a g
a eg a
g - a - e a g

Versatile for difficult situations

7 e a g e
All common sanitary installation fittings can be clamped

3 a e a a a g
e g

Protects against unintentional starting and derailing of the trimmer unit

4 e e a a
ea e ae

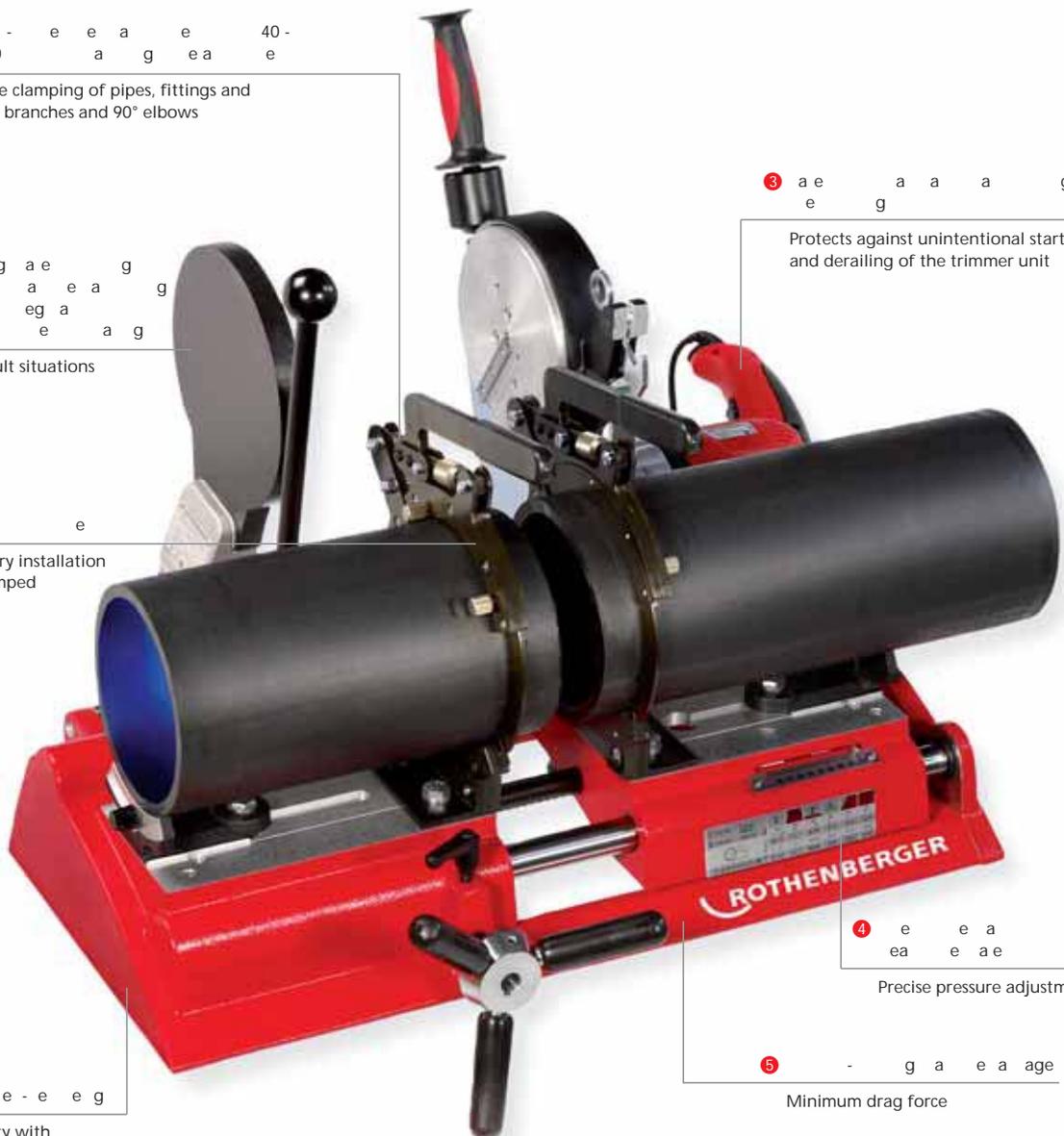
Precise pressure adjustment

6 e a a g e e g

40% higher stability with simultaneously optimised force distribution

5 - g a e a g e

Minimum drag force



7



Plastic Pipe Welding Machine P 160 Saniline



ROWELD® P 160 SANILINE

Scope of delivery No. 5.4000/5.4001 : Basic machine with electric trimmer, electronically controlled heating plates, removable, basic clamping set right left for 160 mm No. 5.40 2 , pipe supports 160 mm, reducer inserts and supports for 40, 50, 63, 75, 90, 110 and 125 mm in steel case No. 5.4020 , assembly tools, mobile working and transport frame No. 5.4015



e a a a a e e
Single and double-sided trimming possible



Fig. ROWELD® P 160 SANILINE complete (No. 5.4000) including transport frame (No. 5.40 5)



Abb. ROWELD® P 160 SANILINE Special edition (No. 5.4004) scope of delivery like No. 5.4000, except with collapsible transport frame (No. 5.6051) instead of No. 5.4015



Model	Working range mm	Temperature control	Weight (kg)	230 50/60 Hz	110/115 50/60 Hz
ROWELD P 160 SANILINE complete	40, 50, 63, 75, 90, 110, 125, 160	electronically	5,4	5 4000	5 4001
ROWELD P 160 SANILINE Special edition	40, 50, 63, 75, 90, 110, 125, 160	electronically	61,2	5 4004	

a e e 233

Easy to transport



Trimmer attachment (No. 5.4040) (special accessories)



Basic clamping set No. 5.40 2 (special accessories)



Plastic Pipe Welding Machine P 250 A

ROWELD P 250 A

Pa e e g a e 40 - 250



Product Profile

PP

For use on building sites and in the workshop. Particularly suited for sanitary installations, drain pipe laying as well as chimney reconditioning with P DF liners.

- 1 ersatile for difficult situations with the removable heating plates
- 2 Protects against unintentional starting and derailing of the trimmer unit
- 3 Single and double-sided trimming possible
- 4 Warp-resistant for minimum drag and low pressure transfer loss

- 5 Precise welding pressure adjustments on the clear force scale
- 6 Reliable, warp-resistant transfer of the welding pressure
- 7 Stable working table always available

P e a e e	40 - 110 mm	SDR 41 - SDR .25
	40 - 125 mm	SDR 41 - SDR 11
	40 - 200 mm	SDR 41 - SDR 1 .6
	40 - 225 mm	SDR 41 - SDR 26
	40 - 250 mm	SDR 41 - SDR 33
e g	36.4 kg	
e	450 W	
ea g a e	1500 W	

2 e g - e ae e 450 a
ae e g

Protects against unintentional starting and derailing of the trimmer unit

1 e a e ea g a e
Versatile for difficult situations

3 e a a a a e
e

Single and double-sided trimming possible



6 gge a a g e 250 e e
e 180 - 225 e a
160 e e e e 40 - 140
e

Reliable, warp-resistant transfer of the welding pressure



5 e e e a e
Precise welding pressure adjustments on the clear force scale

4 e e a e a age g
a e e e- ae a g e
g e a

Warp-resistant, for minimum drag force and low loss of pressure transfer



Plastic Pipe Welding Machine P 250 A

ROWELD® P 250 A

Scope of delivery No. 5.5 95/5.5 96 : Basic machine with electric trimmer unit, holder for heating plate, electronically controlled heating plate with contact protection, basic 160 mm and 250 mm clamping set plus 160 mm and 250 mm support fork inserts, reducer inserts and support fork inserts for 40 - 140 mm and 100 - 225 mm, assembly tools, steel transport box 600 x 520 x 65 mm, assembly tools, steel transport box 600 x 520 x 65 mm

ea g e e e 1500 a
g - a - e a g

Removable heating plate with long service life and manufactured according to DVS, CEN and ISO regulations



7 P e e e e a
e e a a e a e

Stable working table always available



No. 5.5795



Model	Working range mm	Temperature control	kg	230 50/60 Hz	110/115 50/60 Hz
ROWELD P 250 A complete	40, 50, 56, 63, 75, 90, 110 125, 160, 200, 225, 250	electronically	12,0	5 5795	5 5796
ROWELD P 250 A basic machine			36,4	5 5768	5 5738

a e e 234

Welding of T-pieces



Conversion kit for segment elbows 0 mm (special accessories)



Accessories ROWELD® P 110



ROWELD® P 110 Basic Machine

odel	kg	No.
ROWELD P 110 Basic machine with table mounting bracket	6.	5 5787



No. 5.5808 / No. 5.5809

No. 5.5807

Basic Clamping Set 110 mm

odel	kg	No.
For wide/pipe joints 1 set 2 clamps	2.5	5 5807
For narrow/fitting joints, left 1 clamp.	1.0	5 5808
For narrow/fitting joints, right 1 clamp.	1.0	5 5809



Reducer clamping inserts for pipe/wide

Reducer Clamping Inserts Pipe Wide

Set includes 4 aluminium semi-circular segments each

mm	kg	No.	mm	kg	No.
20	1.9	5 5318	56	1.6	5 5122
25	1.9	5 5126	63	1.4	5 5121
32	1.	5 5125	5	1.6	5 5120
40	1.	5 5124	90	1.1	5 5119
50	1.	5 5123			



Reducer clamping inserts for pipe/narrow

Reducer Clamping Inserts Pipe Narrow

Set includes 2 metal semi-circular segments each

mm	kg	No.	mm	kg	No.
20	0.6	5 5319	56	0.5	5 5130
25	0.6	5 5134	63	0.5	5 5129
32	0.5	5 5133	5	0.4	5 5128
40	0.5	5 5132	90	0.3	5 5127
50	0.5	5 5131			

7



No. 5.5826

Manual Trimmer Unit

odel	kg	No.
With machine holder	1.90	5 5826
Spare blade 1 set 2 blades	0.05	5 5152



Heating Plate

With non-stick Teflon coating, 1 0 x 130 mm, 00 Watt

odel	kg	230 50/60 Hz	110/115 50/60 Hz
Electronically controlled	2.6	5 5324	5 5918
Table clamp	0.	5 5524	5 5524



No. 5.5199



Flange Adaptor

For centred welding of flanges

odel	kg	No.
Flange Adaptor	1.5	5 5199
Steel carrying case 540 x 345 x 355 mm	14.20	5 5832
Allen key No. 6	0.03	32 1216
Allen key No.	0.05	32 1218

ROWELD P 160 SANILINE Basic Machine

Basic machine includes: Trimmer unit 500 W , heating plate 1000 W , basic clamp set 160mm, pipe supports 160 mm



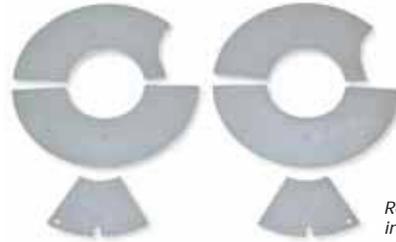
ROWELD® P 160 SANILINE
Basic machine

Model	Weight (kg)	230 V 50/60 Hz	110/115 V 50/60 Hz
ROWELD P 160 SANILINE Basic machine	34.4	5 4005	5 4006

Reducer Clamping Insert Set

Set includes: Reducer inserts 4 semi-circular segments , pipe supports

Nominal size	Weight (kg)	No.	Nominal size	Weight (kg)	No.
40	1.6	5 4083	90	1.6	5 4088
50	1.6	5 4084	110	1.	5 4089
56	1.6	5 4085	125	1.5	5 4090
63	1.6	5 4086	140	1.5	5 4091
5	1.6	5 4087			



Reducer clamping
insert set

Trimmer Adaptor special accessories

40 - 5 mm for trimming 45 branches, replaceable blades

Model	Weight (kg)	No.
Trimmer Adaptor, for 40 - 5 mm	0.63	5 4040



Trimmer attachment
for 45 branches
Ø 40 - 5 mm
(No. 5.4040)



Basic Clamping Set special accessories

For outer clamping position, especially for welding pressure pipes, includes 2 basic clamps, left and right, up to 160 mm

Model	Weight (kg)	No.
Basic Clamping Set 160 mm	5.3	5 4082



Basic clamping set for maximum diameter clamping



ROWELD P 160 SANILINE Conversion kit

Converting existing ROWELD P 160 SANILINE with new universal clamp system

Set (No. 5.4080) includes: Basic clamping set Ø 160 mm left and right, (No. 5.4082) as well as two reducer clamping sets (left and right) for the diameters 40, 50, 63, 75, 90, 110 and 125 mm

Model	Working range mm	Weight (kg)	No.
Conversion Kit	40, 50, 63, 75, 90, 110, 125, 160	11.20	5 4080



No. 5.4080

Trolley and transport sub-frame	11.30	5 4015
Folding trolley	20.00	5 6051
Steel case for reducer inserts	2.32	5 4020
Open-ended spanner SW 1 DIN 94	0.05	31 0411
Trimmer unit blades 5 mm Set 2 blades	0.06	5 5685
Blades 35 mm for trimmer adaptor	0.01	5 5686
Heating plate 230 / 115 / 110	1.92	5 5316/5 5851
Trimmer blade, carbide 5 mm Set 2 blades	0.06	5 5684



No. 5.4015



Accessories ROWELD® P 250 A



Conversion Kit for Segment Elbows

For welding of segment elbows up to 160 mm, 15° each side. Old models not convertible without reducer clamping inserts

Model	mm	kg	No.
Conversion Kit	160	9.0	5 5712



No. 5.5717

No. 5.5742

Basic Clamping Set

Set includes: 2 basic clamps and 2 support forks

mm	kg	No.	mm	kg	No.
160	.25	5 5742	250	10.10	5 5717



Reducer clamping insert set

Reducer Clamping Insert Set

Each set consists of: Pipe clamping inserts 4 metal semi-circular segments and support fork inserts 2 metal semi-circular segments for basic clamping set No. 5.5 42

mm	kg	No.	mm	kg	No.
100	2.46	5 5721	225	1.41	5 5719
200	2.03	5 5718			

mm	kg	No.	mm	kg	No.
32	1.9	5 5753	90	1.50	5 5747
40	1.9	5 5752	110	1.26	5 5746
50	1.1	5 5751	114	1.20	5 5745
56	1.3	5 5750	125	1.06	5 5744
63	1.5	5 5749	140	0.0	5 5743
5	1.6	5 5748			

7



Basic clamping tools

Basic Clamping Tools

For all pipe diameters, especially suitable for welding of 45° branches

mm	kg	No.	mm	kg	No.
e			g		
40	1.90	5 5288	40	1.90	5 5198
50	2.14	5 5287	50	2.14	5 5197
56	2.1	5 5286	56	2.1	5 5196
63	2.10	5 5285	63	2.10	5 5195
5	2.50	5 5284	5	2.50	5 5194
90	2.49	5 5283	90	2.49	5 5193
110	2.46	5 5282	110	2.46	5 5192
125	2.64	5 5281	125	2.64	5 5191
140	3.36	5 5280	140	3.36	5 5190



No. 5.5317 / No. 5.5854



Heating Plate

Non-stick Teflon coating. 300 mm, 1500 Watt

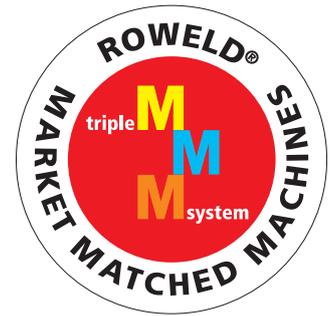
Model	kg	230 / 110 / 115 50 / 60 Hz	110 / 115 50 / 60 Hz
Electronically controlled	5.35	5 5317	5 5854

Description	kg	No.
Spare blade 1 set 2 blades	0.1	5 5163
Allen key No.	0.2	32 1218
Transport box, protective cover red	25.00	5 5759
Steel case	2.2	5 4020

The exclusive ROWELD® Triple-M-System from ROTHENBERGER

ROTHENBERGER has opened up a completely new dimension in the application of butt welding machines. With the new Triple-M-System ROTHENBERGER offers a machine system which allows you to combine and assemble the exact machine according to your exact needs whether for gas line installations, drinking water supply or distribution, sewage pipes or various other industrial pipe systems.

With the Triple-M-System you have a machine at your disposal that makes working to exact requirements possible from pipe diameters from 40 mm up to 355 and all SDR series.

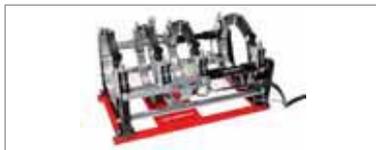


Standard Diameter Ratio
Outer-
Pipe wall thickness

Pipes in the SDR series

41 - 7 4

1
2



ROWELD® Premium Basic machine
0/250/ 5/ 55



ROWELD® CNC Hydraulic System



ROWELD® DDT Dual-face Trimmer



ROWELD® VA CNC HE

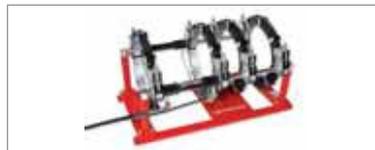


Standard Diameter Ratio
Outer-
Pipe wall thickness

Pipes in the SDR series

41 - 11

3



ROWELD® Professional Basic machine
0/250/ 5/ 55



ROWELD® Professional Hydraulic System



ROWELD® SDT Single-face Trimmer



ROWELD® SA CNC HE

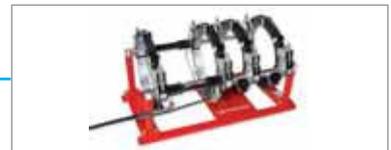


Standard Diameter Ratio
Outer-
Pipe wall thickness

Pipes in the SDR series

41 - 11

4



ROWELD® Professional Basic machine
0/250/ 5/ 55



ROWELD® Basic Hydraulic System



ROWELD® SDT Single-face Trimmer



ROWELD® Basic HE



Standard Diameter Ratio
Outer-
Pipe wall thickness



Overview ROWELD® Building Site Machine

ROWELD® P 200 B / P 200 B CNC SA

Pa e e g a e 63 - 200



PP
 For butt welding of PE, PA 12, PP and PB pipes and fittings.
 From 63 - 200 mm for all pressure stages and SDR series.
 For use on building sites, in trenches, on pipe bridges and
 in workshops.

e	620 W
a	230 50 / 60 Hz
ea g a e	3 0 W 0 - 100 bar 230 50/60 Hz 1000 W, 230 50 / 60 Hz



No. 5.5391

ROWELD® P 500 B / P 500 B CNC

Pa e e g a e 200 - 500

PP
 Butt welding of PE and PP pipes and fittings.
 200 - 500 mm and fittings of all pressure levels and SDR series
 For use on building sites, in pipe trenches or in the workshop

e	1100 W, 400 50 / 60 Hz
a	450 W, 400 50 / 60 Hz
ea g a e	50 W 0 - 120 bar 230 50 / 60 Hz 4000 W, 400 50 / 60 Hz

ROWELD® P 630 B / P 630 B CNC

Pa e e g a e 315 - 630

PP
 Butt welding of PE and PP pipes and fittings.
 315 - 630 mm and fittings of all pressure levels and SDR series.
 For use on building sites, in pipe trenches or in the workshop

e	1100 W, 400 50 / 60 Hz
a	450 W, 50 / 60 Hz
ea g a e	50 W 0 - 120 bar 400 50 / 60 Hz 000 W, 400 50 / 60 Hz



No. 5.3420 (230 V)
 No. 5.3400 (400 V)



No. 5.3300

Overview ROWELD® Building Site Machine

ROWELD® P 800 B / P 1200 B

Pa e e g a e 500 - 1200



Product Profile

PP

For welding of plastic pipes. For use on building sites and in the workshop

From 500 - 00 mm P 00 B

From 10 - 1200 mm P 1200 B

P 800

e

a

ea g a e

e g

1500 W, 400 50 / 60 Hz

1500 W, 0 - 120 bar

400 , 50 / 60 Hz

12000 W, 400 50 / 60 Hz

1550 kg

P1200

e

a

ea g a e

e g

3000 W, 400 50 / 60 Hz

1500 W, 0 - 120 bar

400 , 50 / 60 Hz

16000 W, 400 50 / 60 Hz

1906 kg



No. 5.4150

g a
a a e

Welding of pipes
in shafts possible

a e 3 a a

oining of elbows, T-pieces and
V-type fittings possible

a e g

For use directly in trench



a e 3 a a

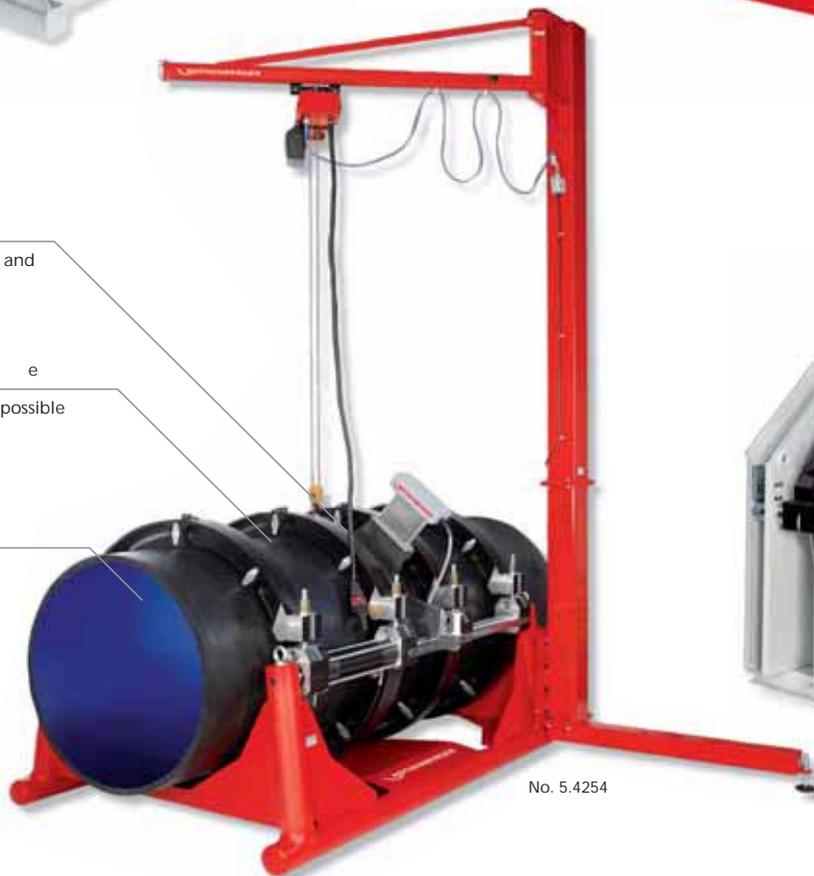
oining of elbows, T-pieces and
V-type fittings possible

g a a a e

Welding of pipes in shafts possible

a e g

For use directly in trench



No. 5.4254



Overview ROWELD® Workshop Machine

ROWELD P 315 W / P 315 W CNC

For pipe diameters 90 - 315



PP
 For butt welding of PE, PP and P DF pipes and fittings from 90 - 315 mm.
 High-performance butt welding machine for single and serial production in the workshop.
 Universal machine for pipe/pipe, pipe/fitting, pre-sealing strip welding.
 Perfect for the prefabrication of pipe elbow segments and T-pieces.

Power	400 W
Voltage	230 / 400 V
Frequency	50 / 60 Hz
Welding speed	00 W
Welding power	3000 W, 400 W
Frequency	50 / 60 Hz
Weight	523 kg
Dimensions	3 5 kg
Weight	523 kg
Dimensions	3 5 kg



Secure, warp-resistant welding pressure transfer

Heating plate is built to last and manufactured according to DVS, CEN and ISO regulations

Precise control of the welding pressure

Safe and simple use

No. 5.5320

7

ROWELD P 500 W / P 630 W

For pipe diameters 250 - 630



PP
 For plastic pipe welding of PE and PP pipes
P 500 250 - 500 mm
P 630 315 - 630 mm
 all pressure levels and SDR series

Power	2250 W
Voltage	400 V, 50/60 Hz
Welding power	1100 W / 400 V, 50/60 Hz
Welding power	1000 W / 400 V, 50/60 Hz



Secure, warp-resistant welding pressure transfer

Heating plate is built to last and manufactured according to DVS, CEN and ISO regulations

Precise control of the welding pressure

Safe and simple use

No. 5.5425

Overview Plastic Pipe Band Saws

BS 355 PLUS

Pa e a a 355



Product Profile	
PP	
For precise and perfectly angled sawing of PE, PB, PP, P DF, P C pipes, fittings and profiles	
Particularly sturdy band saw for the workshop, for sawing of pipes, fittings and profiles	
Perfect, continuous operation for the single and serial production of elbows and T-pieces	
a g a ge	Round material 0 - 45 / 0 - 355 mm Square material 0 / 350 x 350 mm

P e	50 W
e	2150 x 2000 x 1650 mm L x W x H
e g	500 kg

Precise angled sawing



No. 5.5601

BS 630 PLUS

Pa e a a 630



Product Profile	
PP	
For precise and perfectly angled sawing of PE, PB, PP, P DF, P C pipes, fittings and profiles.	
Particularly sturdy band saw for the workshop, for sawing of pipes, fittings and profiles.	
Perfect, continuous operation for the single and serial production of elbows and T-pieces	
a g a ge	Round material 0 - 45 / 0 - 630 mm Square material 0 / 630 x 630 mm

P e	1500 W
e	2500 x 2660 x 1950 mm L x W x H
e g	50 kg

Serial production



No. 5.5605



Electro-Fusion Welding Unit

ROWELD ROFUSE



40 - 630

PP	
For PE- and PP fittings from 40 - 630 mm	
1	Data input with the barcode scanner, with ROWELD ROFUSE, ROF SE and ROWELD ROF SE Print manual data input is additionally possible
2	Simple data transfer via USB port with Print
3	Welding monitoring system
	Display 4 x 20, characters with 5 mm font size and LED illumination

Weight	16.5 kg	
Power	4000 W	
Frequency	50 Hz	
Pressure	IP 54	
Temperature range	-20 °C up to 60 °C	
Dimensions	230 x 295 x 330 mm	
Accessories		No
	48 characters	1 000 production log
		200 production log

40 x 20 characters

User friendly

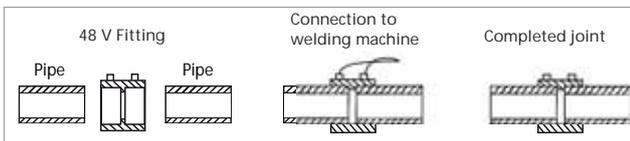
2 Simple data transfer

3 Weight



- Automatic logging for 1 000 welds
- Tracing form: Commission No., ISO welder code, pipe code, 2 fittings code and additional data
- Data output over the print menu via USB port to PC and printer
- Display 4 x 20 characters with 9 mm font size and LED illumination

1 Data input



Model	Weight (kg)	No.
ROWELD ROF SE basic 4	16.0	5 4130
ROWELD ROF SE	16.5	5 4051
ROWELD ROF SE	16.5	5 4052
ROWELD ROF SE Print	16.5	5 4053 / /
ROWELD ROF SE Print PC-Software for WIN 9 /2000/ P/ ista	0.4	5 4056

ROWELD ROF SE Print PC-Software for WIN 9 /2000/ P/ ista	0.4	5 4056
Adaptor set FF round 4.0	0.1	5 4058
Adaptor set Pin	0.1	5 4059
ROWELD ROF SE Print DATA memory	0.3	5 4067
Adaptor set FF flat	0.1	5 4057
Aluminium transport case	3.1	5 4054

Pipe and Fitting Holding Clamp



Light, universal holding clamp for straight sockets, T-pieces and 45 sockets, with the basic prism continuously adjustable, double strap clamping on each side

Model	Weight (kg)	No.
Size 1	20 - 90 mm	5 3291
Size 2	40 - 100 mm	5 3292
Size 3	63 - 250 mm	5 3293

Muffler for Electric Socket Welding

For secure, quick preparation of the pipe, in transport case



No. 5.3240

Model	Weight (kg)	No.
Size I	DA 32 - DA 110	5 3240
Size II	DA 110 - DA 500	5 3250

ROWELD® Service, Customer Service, Rental Units and Training

e e a e a e a e a

ROTHENBERGER offers with the ROWELD Program, a plastic welding technology program of the highest quality. With our "After Sales Service" we offer you an optimum program to help you maintain the quality, availability and safety of our products. With the expansion of our service network, we are able to guarantee you fast, reliable and efficient machine maintenance and/or repair.

a g

- We offer welding courses at our training centre as well as on-site at your convenience.
- Service seminars are presented at our service centre in Hessisch-Lichtenau.

e a a e

to supplement your welding machine range and to fulfil your needs and requirements, we offer a rental service with:

- Butt welding machines up to 630 mm for the building site
- Butt welding machines up to 315 mm for the workshop

An overview of the rental program and rental conditions are available on request!

a e Pa e e

Our spare part service is available for all ROTHENBERGER ROWELD machines.

We make every effort to send you your spare part within 24 hours with our express service. APPLICABLE TO THE EUROPEAN UNION.

Please send your spare part request with the following information:

- Machine model
- Serial No.
- Year of production
- Description of spare part
- Spare part No.

a e a a 49 0 5602 9394 - 636

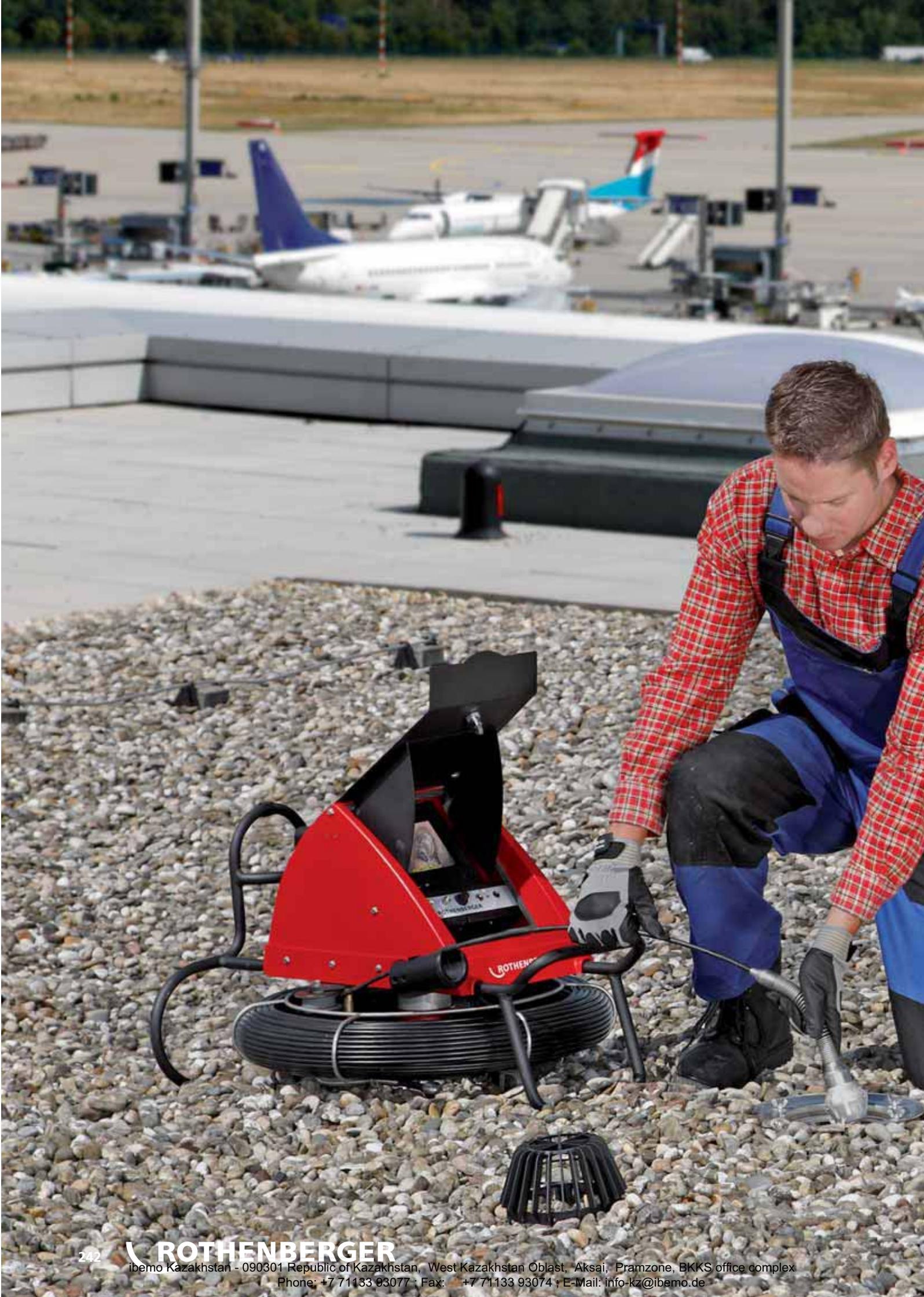


ROWELD® P 00 B with electronic life-out device



e	e a a a g e 2009/2010
e a	90451
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Pipe / Drain Cleaning and Inspection

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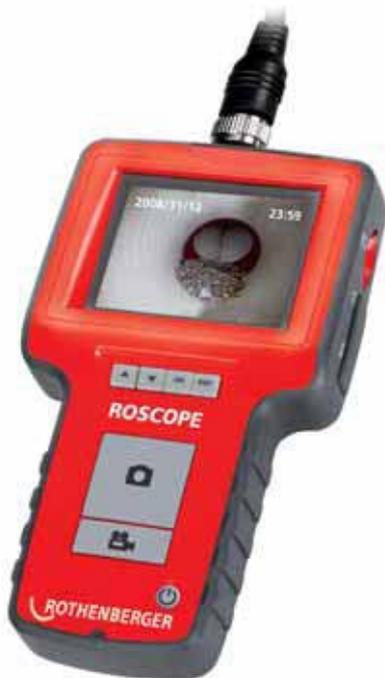


Overview Pipe & Drain TV Inspection Systems

ROSCOPE

Colour, for hollow spaces and pipes Ø 5.5 - 25 mm

Controller can be combined with various modules and offers high flexibility and can be used for a wide range of applications. Suitable for the inspection of pipes, hollow spaces and hard-to-reach places.



Multiview: 4 in 1

For detailed Information see 246

ROCAM® Mini

B/W or colour for pipe Ø 25 mm - 100 mm

The Specialist



High-performance camera for the inspection and analysis of hollow spaces and pipes. The shortened, mini-camera head allows extreme operation and guarantees high flexibility.

For detailed Information see 248

ROCAM® mobile

B/W or colour for pipe Ø 33 - 150 mm

The All-rounder



Innovative pipe and drain TV inspection system with a wide range of application. Compact unit for mobile inspection and damage analysis.

For detailed Information see 249

ROCAM® Plus

Colour, for pipes Ø 25 - 300 mm

The Professional



Largest pipe TV inspections camera with the new, self-levelling precision camera head that always shows an upright image. Registration of information and the use of drain software with an integrated damage catalogue (according to ATV), allows for high level documentation.

For detailed Information see 254

8



Overview Pipe & Drain TV Inspection Systems

ROCAM® Pipe TV Inspection Systems

Pipe and drain TV inspection cameras with proven ROTHENBERGER technology

- Duo-Power: High mobility with option of mains and mobile battery operation
- The most modern, high-resolution camera head made of stainless steel and sapphire glass
- Continuously adjustable LED brightness on camera head
- ROCAM® Plus with self-aligning camera head
- Monitor with excellent image quality
- Detailed information documentation possible on Laptop/PC and VCR
- Further features depending on make and model



	ROCAM® Mini	ROCAM® mobile basic	ROCAM® mobile with MC	ROCAM® mobile with MC + locator
Camera model b/w	6.9125	6.9420	6.9425	6.9430
Camera model colour	6.9925	6.9620	6.9625	6.9630
ABS housing	●	●	●	●
Video In/ Video Out	●	●	●	●
Battery operation / on-board battery charger	●	●	●	●
Battery status indicator	●	●	●	●
Impact resistant camera head with sapphire lens	●	●	●	●
LED illumination control	●	●	●	●
Readout of metering counter (cannot be retrofitted)	●	○	●	●
Self-aligning camera head	○	○	○	○
High-performance Mini Module 1.4	○	○	○	○
Information registration and inspection software	○	○	○	○
Digital locator ROLOC	○	○	○	●
Optional / Retrofit:				
Spare charger	○	●	●	●
Spare battery	○	●	●	●
Digital locator (retrofit set)	○	●	●	○
High-performance Mini Module 1.4	○	●	●	●
USB video adaptor	●	●	●	●
Dimensions [mm]	520 x 330 x 350	600 x 400 x 370	600 x 400 x 370	600 x 400 x 370
Weight [kg]	8	13	13,4	14,5
For internal pipe diameters [mm]	> 25	> 33	> 33	> 33
Push cable length [m]	22	36	36	36
Ambient temperature	-10 up to +50 °C	-10 up to +50 °C	-10 up to +50 °C	-10 up to +50 °C
Storage temperature	-30 up to +50 °C	-30 up to +50 °C	-30 up to +50 °C	-30 up to +50 °C

	ROCAM® Plus with MC, 60 m	ROCAM® Plus with MC, 60 m, DE	ROCAM® Plus with MC, 100 m	ROCAM® Plus with MC, 100 m, DE
Camera model b/w	○	○	○	○
Camera model colour	6.9725	6.9740	6.9825	6.9840
ABS housing	●	●	●	●
Video In/ Video Out	●	●	●	●
Battery operation / on-board battery charger	●	●	●	●
Battery status indicator	●	●	●	●
Impact resistant camera head with sapphire lens	●	●	●	●
LED illumination control	●	●	●	●
Readout of metering counter (cannot be retrofitted)	●	●	●	●
Self-aligning camera head	●	●	●	●
High-performance Mini Module 1.4	●	●	●	●
Information registration and inspection software	○	●	○	●
Digital locator ROLOC	○	○	○	○
Optional / Retrofit:				
Spare charger	●	●	●	●
Spare battery	●	●	●	●
Digital locator (retrofit set)	●	●	●	●
High-performance Mini Module 1.4	○	○	○	○
USB video adaptor	●	●	●	●
Dimensions [mm]	700 x 580 x 450	700 x 580 x 450	700 x 580 x 450	700 x 580 x 450
Weight [kg]	20	21	25	26
For internal pipe diameters [mm]	> 25	> 25	> 25	> 25
Push cable length [m]	60	60	100	100
Ambient temperature	-10 up to +50 °C	-10 up to +50 °C	-10 up to +50 °C	-10 up to +50 °C
Storage temperature	-30 up to +50 °C	-30 up to +50 °C	-30 up to +50 °C	-30 up to +50 °C

● = included ○ = not included MC = Metering counter



Pipe & Drain TV Inspection

ROSCOPE

Controller with 3.5" TFT colour display

Modular design enables personal configuration and offers high flexibility in a wide variety of areas



Product Profile	
APPLICATION AREA	Suitable for the inspection of pipes, hollow spaces and hard-to-reach places
SYSTEM KEY FEATURES	<ol style="list-style-type: none"> 1 Inspection is possible in a variety of areas 2 Photography: Taking photos is quick and easy (Date and time are optional) 3 Filmmable: Fast filming of the inspection (Date and time are optional) 4 Immediate replay of the inspection 5 Memory: Unit has sufficient memory that can be extended individually

TECHNICAL DATA	
Display:	3.5" TFT LCD Display 320 x 240 Pixel
Battery:	Rechargeable Li-Polymer charger with charging cable
Video format:	AVI
Picture format:	JPEG
Connections:	Mini USB / AV Out

MULTIVIEW 4 in 1

- Inspecting
- Photographing
- Filming
- Storing

3.5" TFT colour monitor

Clear pictures, oil and scratch resistant monitor, adjusted picture

Continuously adjustable LED brightness

Optimum illumination

2 Photo function key

Quick and simple pictures (Date and time optional)

3 Film function key

Quick filming of the inspection (Date and time optional)

1 Modular controller system with 4 modules

Inspection in different operating areas possible

5 SD Memory card slot

Sufficient, individually expandable disc space in unit

AV Out / Mini USB interface

Inspection can be displayed on external display.

Adaptor

For charging the Li-Polymer charger

4 Menu and Unit control

- Multifunction key
- e.g. immediate replay of the inspection as film
 - e.g. immediate playback of the pictures taken



(No. 6.9360)
Controller unit

Examples of use ROSCOPE basic unit with:

Module Micro 5.5 / 1



Module TEC 10 / 1.5



Module Pipe 20 / 3



Module Pipe 25 / 22



Pipe & Drain TV Inspection

Module Micro 5.5/1

For versatile inspection work in industry and mechanical engineering with micro-objective Ø 5.5 mm

Product Profile	
APPLICATION AREA	
● Industry	● Building services
● Sanitary-Heating-Climate	● Air-conditioning
TECHNICAL DATA	
Head diameter:	5.5 mm
Cable length:	1 m



Module Micro 5.5/1 (No. 6.9376) includes: Precisions cable 1 m, mirror, magnet

Model			No.
Set ROSCOPE Micro 5.5 / 1	1	4	6.9375
Module Micro 5.5 / 1	1	24	6.9376
Accessories: mirror, magnet	1	1	6.9380

Module TEC 10/1.5

For inspecting in all hard-to-reach areas, optimal for use with gooseneck with quality objective.

Product Profile	
APPLICATION AREA	
● Industry	● Building services
● Construction industry	● Electrical Engineering
TECHNICAL DATA	
Head diameter:	10 mm
Cable length:	1.5 m



Module TEC 10/1.5 (No. 6.9364) includes: Gooseneck 1.5 m, hook, magnet, mirror

Model			No.
Set ROSCOPE TEC 10 / 1.5	1	4	6.9363
Module Pipe TEC 10 / 1.5	1	24	6.9364
Accessories: hook, magnet, mirror	1	1	6.9379

Module Pipe 20/3

For inspecting and analysing of pipes and hollow spaces with extremely small curve flexibility 4 x DN40

Product Profile	
APPLICATION AREA	
● Industry	● Building services
● Sanitary-Heating-Climate	● Air-conditioning
● Pipe construction	
TECHNICAL DATA	
Head diameter:	20 mm
Cable length:	3 m

Streamlined head with 8 LED's



Module Pipe 20/3 (No. 6.9385) includes: Flexible push cable 3 m

Model			No.
Set ROSCOPE Pipe 20 / 3	1	4	6.9384
Module Pipe 20 / 3	1	24	6.9385

Module Pipe 25/22

For inspecting and analysing of pipes, shafts, and hollow spaces from Ø 25 mm, maximal freedom of movement through reel with belt-clip (included)

Product Profile	
APPLICATION AREA	
● Industry	● Building service
● Sanitary-Heating-Climate	● Air-conditioning
TECHNICAL DATA	
Head diameter:	25 mm
Cable length:	22 m



Module Pipe 25/22 (No. 6.9372) includes: mini reel including 22 m cable and camera head, reel stand, plastic carrying case

Model			No.
Set ROSCOPE Pipe 25 / 22	1	4	6.9371
Module Pipe 25 / 22 + plastic carrying case	1	24	6.9372

SCOPE OF DELIVERY (included in all set models)



Pipe & Drain TV Inspection

ROCAM® Mini

Pipe and drain TV inspection camera with Duo-Power in colour or b/w, with excellent flexibility, for pipe Ø 25 - 100 mm



Product Profile

KEY FEATURES

- 1 High flexibility 5 x 90° in DN 40
- 2 Excellent image quality, scratch and impact-resistant, continuously adjustable LED brightness
- 3 Precise guidance of the camera head in the pipe
- 4 Mobile and battery operation up to 2.5 hours, charging time 1 - 1.5 Std.
- 5 Easy opening and closing of the cover
- 6 Digital distance display
- 7 Inspection documentation on video, laptop/PC, etc.

TECHNICAL DATA

For hollow spaces and pipes: Ø 25 - 100 mm
Camera head: Ø 25 mm
Diode illumination: 12 LED
Push cable diameter: Ø 3.5 mm
Push cable length: 22 m
Weight: 8 kg
Duo-Power: Mains operation (100 - 240 V / 50 - 60 Hz) and battery operation (18 V)
 Charging time 1 - 1,5 h



5 Gas spring shock-absorber (for colour version)

Easy opening and closing of the cover

Automatic shut-off when the cover is closed

Conserves battery and saves energy

6 Digital distance display

Determines precise distance of the camera head

4 Duo-Power

2.5 hours operating time

Battery status indicator

3 Strong push cable

Precise guidance of the camera head in the pipe

7 Video In/Video Out, connector for USB adaptor see page 249

For inspection documentation on video, laptop / PC etc.

8



Exposed reel

Quick and easy to clean

Rugged tubular frame

Balanced carrying position and secure stand

ROCAM®-Mini use



1 Small, high-performance camera head

High curve mobility 5 x 90° in DN 40

2 Sapphire lens objective, embedded in stainless steel head

Excellent image quality, scratch and impact resistant

Model



No.

ROCAM® Mini b/w with metering counter	8.0	1	6.9125
ROCAM® Mini colour with metering counter	8.0	1	6.9925

Article in different Volt variants available on request

Pipe & Drain TV Inspection

ROCAM® mobile

Pipe and drain TV inspection camera with Duo-Power in colour or b/w, for pipe Ø 33 - 150 mm



Product Profile

KEY FEATURES

- 1 Inspection documentation on video, laptop/PC, etc.
- 2 Brilliant image quality, scratch and impact resistant
- 3 90° curve flexibility from DN 50
- 4 Quick and easy to clean
- 5 Precise guidance of the camera head in pipes and drains
- 6 Conserves battery and saves energy through automatic shut-off
- 7 Mobile, battery operated use up to 2.5 hours
- 8 Digital distance display optional
- Exact position determination of the camera head with the ROLOC locator transmitter (optional under No. 6.9430 and No. 6.9630 or can be retrofitted)

TECHNICAL DATA

For hollow spaces and pipes: Ø 33 -150 mm, Ø 25 - 100 mm with Mini Module 1.4

Camera head: Ø 33 mm

Diode illumination: b/w 14 LED; colour 16 LED

Push cable diameter: Ø 4,5 mm

Push cable length: 36 m

Weight: 14 kg

Duo-Power: Mains operation (100 - 240 V/50 - 60 Hz) and battery operation (24 V) charging time 1 - 1.5 h

ROLOC locator see 251

7 Duo-Power

2.5 hours operating time

6 Automatic shut-off when cover is closed

Conserves battery and saves energy

5 Strong push cable

Precise guidance of the camera in pipes and drains

4 Exposed reel

Quick and easy to clean

3 From 50 mm pipe with Ø 90° flexibility

Flexible, robust, stainless steel camera head

2 Pinhole objective with sapphire lens

Brilliant image quality, scratch and impact resistant for the highest demands
Continuously adjustable brightness

Model			No.
ROCAM® mobile b/w basic	13.0	1	6.9420
ROCAM® mobile b/w with distance counter	13.4	1	6.9425
ROCAM® mobile b/w with distance counter and ROLOC locator	14.5	1	6.9430

Article in different Volt variants available on request

New TFT Monitor (for colour version)

Excellent contrast and sharpness

8 Digital distance display

Position determination – (optional, cannot be retrofitted)

1 Video In / Video Out, connector for USB adaptor see page 249

For inspection documentation on video, laptop/PC, etc.

Integrated storage compartment

For a wide-range of accessories



ROLOC locator unit



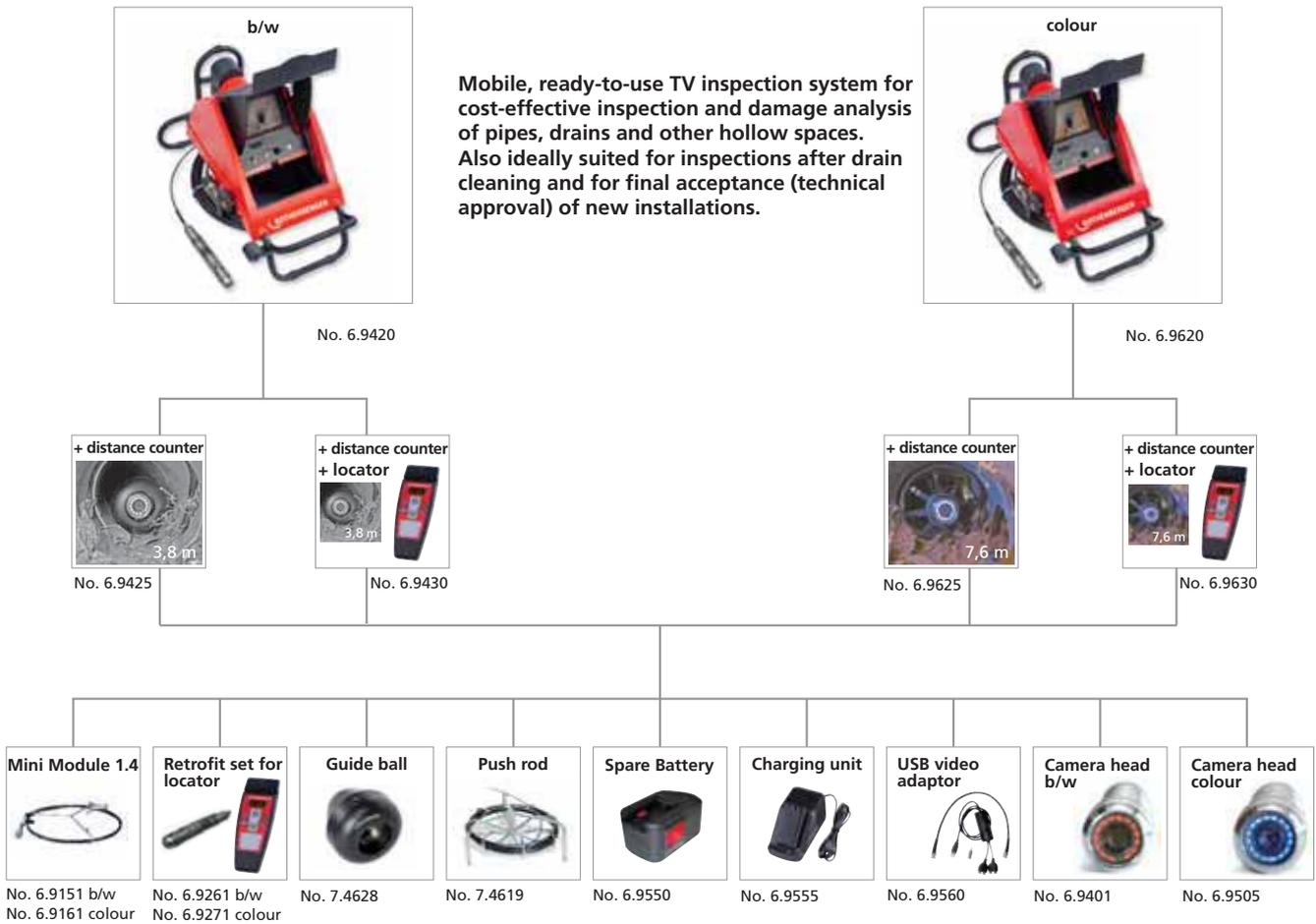
Set includes: ROCAM® mobile, 2 guide skids (No. H8.2306), mains adaptor (No. H8.8952), battery (No. 6.9550), scart cable (No. H8.2307). Set (No. 6.9430 and No. 6.9630) includes ROLOC locator (No. 6.9256)

Model			No.
ROCAM® mobile colour basic	12.5	1	6.9620
ROCAM® mobile colour with distance counter	13.0	1	6.9625
ROCAM® mobile colour with distance counter and ROLOC locator	14.1	1	6.9630



Pipe & Drain TV Inspection

ROCAM® mobile Accessories



Features	Benefits	ROCAM® b/w	ROCAM® b/w +distance counter	ROCAM® b/w +distance counter +locator	ROCAM® colour	ROCAM® colour +distance counter	ROCAM® colour +distance counter +locator
		6.9420	6.9425	6.9430	6.9620	6.9625	6.9630
Battery operation 18V/1.4 Ah	2.5 hours battery powered operation	●	●	●	●	●	●
On-board battery charger	Battery is charged during mains-powered operation	●	●	●	●	●	●
ABS housing	Impact, break and weather resistant	●	●	●	●	●	●
36 m push cable	Sufficient for 1-2 family house	●	●	●	●	●	●
Distance display	For precise distance assessment	○	●	●	○	●	●
Active ROLOC locator	Pin-point determination also through steel and concrete	○	○	●	○	○	●
Optional / Retrofit							
ROLOC locator	Pin-point positioning	●	●	○	●	●	○
Mini Module 1.4	Inspection in pipe dimensions from DN > 25 - 100 mm	●	●	●	●	●	●
USB video adaptor	Direct recording on laptop/PC etc.	●	●	●	●	●	●
Push rod (30 m)	Support for large distances	●	●	●	●	●	●
Guide ball	Centering of the camera head in pipe	●	●	●	●	●	●
Rapid charger	External battery charging Charging time 1 – 1.5 hours	●	●	●	●	●	●
Spare battery 18V/1.4 Ah	Prolongs battery-powered operating time, up to 2.5 hours	●	●	●	●	●	●

● = included ○ = not included

8



Pipe & Drain TV Inspection

ROLOC Locator

Compact locating device

Easy to use, active ROLOC transmitter locating system with digital display. Reliably guides to the correct location, while continually



following the highest signal. Compact, handy and effective.

Product Profile

KEY FEATURES

- Pin-point detection of leads 512 / 640 Hz, (even transmitters from competitors can be located)
- Clear, simple operation with digital numeric signal display, as well as bar chart with marked maximum. Additional acoustic alarm with volume control
- Switching between manual and automatic amplification is possible
- High mobility and flexibility. Can be used indoors and outdoors

TECHNICAL DATA

Detection frequency:	512 and 640 Hz
Camera head sending frequency:	512 or 640 Hz
Dimensions:	170 x 60 x 30 mm
Weight:	200 g



Information shown on digital Display

Quick and reliable locating with marked maximum and acoustic alarm



Fig. ROCAM® Locator – retrofitting set with transmitter



Yellow OLED display

Locating and device information are easily readable in sunlight

Frequency can be changed with a push of a button

Universal detection of 512 and 640 Hz transmitter frequencies

Indoor and outdoor use

Plastic housing protects from splash water (IP54)

Can be retrofitted for ROCAM® mobile

ROCAM® Locator / Retrofitting Set

ROLOC transmitter locating system with digital display and a ROCAM® mobile high-performance camera head with integrated transmitter.

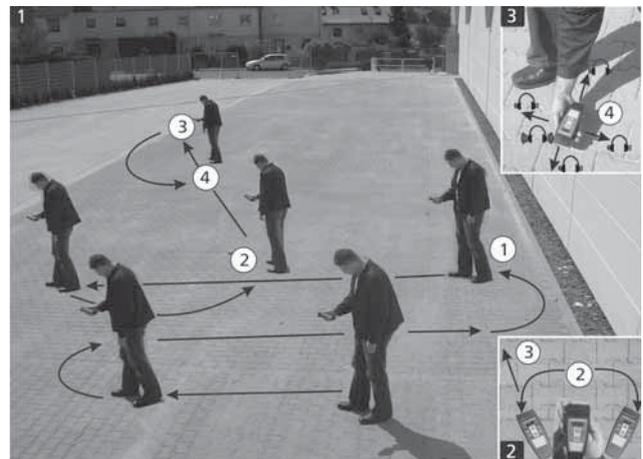
- High curve mobility of the camera head is given, even with the transmitter
- Camera head can be changed in just a few steps, locator can be used immediately

5-part set (No. 6.9256) includes: ROLOC Locator, protective bag, 2 x 1.5 V batteries, plastic carrying case

6-part set (No. 1.9261, 1.9271) includes: ROLOC Locator (No. 6.9256), camera head with sender b/w (No. 6.9502) or colour (No. 6.9506), 2 x 1.5 V batteries protective bag and plastic carrying case



Locating a camera head



Model	kg	No.	No.
ROLOC Locating Set	0.95	1	6.9256
Retrofit Set for Locator ROCAM® mobile b/w	1.25	1	1.9261
Retrofit Set for Locator ROCAM® mobile colour	1.25	1	1.9271

8





No. 6.9401



No. 6.9505

ROCAM® Camera Head b/w and colour

KEY FEATURES

- **Brilliant image resolution, very sharp pictures**
High-performance pin-head objective
- **No adjusting of the objective required**
Automatic white balance
- **Robust, durable and scratch-resistant**
Sapphire lens with edge protection
- **Excellent flexibility**

TECHNICAL DATA

Camera head:	Ø 33 mm
Diode illumination b/w:	14 LED
Diode illumination colour:	16 LED

Model			No.
Camera Head b/w	280	1	6.9401
Camera Head colour	280	1	6.9505
Camera Head b/w with sender, 640 Hz	295	1	6.9402
Camera Head colour with sender, 640 Hz	295	1	6.9506

ROCAM® MINI MODULE 1.4

KEY FEATURES

- New, shorter ROTHENBERGER MINI MODULE
- For professional inspection of small pipe diameters
- Optimum illumination in pipe systems
- Can be retrofitted and is compatible with all ROCAM® mobile and ROCAM® Plus-models, in colour or b/w, as well as PAL or NTSC

TECHNICAL DATA

For hollow spaces and pipes:	Ø > 25 - 100 mm
Curve flexibility:	5 x 90° with DN 40
Diode illumination:	12 LED
Flattened camera head:	Ø 25 mm
Push cable:	Ø 3.5 mm x 5 m

Model			No.
MINI MODULE 1.4 b/w	780	1	6.9151
MINI MODULE 1.4 colour	780	1	6.9161



No. 6.9151/No. 6.9161

8



ROCAM® Guide Ball / Guide Skid

KEY FEATURES

Guide Ball

- **For centering the camera head in the pipe**
Outer diameter 70 mm
- **Better illumination and increased lens coverage**
Important with large pipe dimensions
Can be used with push rod

Guide Skid

- **Flexible and quick adjustment of the pipe diameter**
Plastic guide skid can be trimmed to size
- **Simple and fast use**
For attachment to camera head. No tools necessary.



No. H8.2306



No. 7.4628

Model			No.
Guide Ball 35.5 mm	100	1	7.4628
Guide Skid	8	1	H8.2306

ROCAM® Push Rod

KEY FEATURES

- **Reliable guidance in large-diameter pipes**
Tough and durable cable
- **Can be used as supplementary push cable**
- **Quick and easy to clean**
Exposed reel
- **Use only in combination with guide ball**
with ROCAM® mobile

TECHNICAL DATA

Push cable diameter:	6 mm
Push cable length:	30 m

Model			No.
Push Rod	4.5	1	7.4619



Battery and Charging Unit for ROCAM® mobile

KEY FEATURES

- **Prolongs battery-powered operating time**
Spare battery
- **Battery is tightly secured**
Battery is mounted with click mechanism
- **External battery charger**
Independent charging of the battery offers optional flexibility

TECHNICAL DATA

Spare battery:	18 V/1.4 Ah - NiCd
Operating time:	up to 2.5 h
Charger / charging time:	18 V / 1-1.5 h

Model			No.
Battery 18 V / 1.4 NiCd	800	1	6.9550
Charging Unit 18V	750	1	6.9555



No. 6.9550



No. 6.9555

ROCAM® USB Video Adaptor

Analogue/digital converter for recording on laptop or PC

KEY FEATURES

- For retrofitting on all ROCAM® models
- Fast and simple data storage
- For complete documentation of the analysis / inspection on laptop / PC, etc.
- Includes editing and DVD compilation software
- High speed USB 2.0

Model			No.
USB Video Adaptor *	300	1	6.9560

* Not compatible with Vista



Pipe & Drain TV Inspection

ROCAM® Plus

Pipe and drain TV inspection camera with duo-power in colour, for pipes Ø 25 - 300 mm



Product Profile

APPLICATION AREA

Camera system for cost-effective inspection and damage analysis over long distances with self-levelling camera head and optional data archiving per ATV

KEY FEATURES

- 1 Powerful, self-levelling precision camera head
- 2 Precise guidance of the camera in pipe and drains
- 3 Curve flexibility 90° from DN100 Mini Module 1.4 included as standard
- 4 Conserves battery life and saves energy with automatic shut-off
- 5 Up to 2.5 hours mobile and battery operated use. 12 V battery with on-board charger
- 6 Exact distance determination of the camera head

KEA FEATURES

- 7 Excellent contrast and sharpness, continuously adjustable LED brightness
- 8 For documentation of the inspection on video
- 9 Direct data exchange with laptop / PC, etc., possible

TECHNICAL DATA

For hollow spaces and pipes: Ø > 25 - 300 mm
Camera head: Ø 40 mm
Diode illumination: 36 LED
Push cable diameter: Ø 7.5 mm
Push cable length: 60 + 100 m
Weight: 20 - 26 kg
Duo-Power: For mains-operation (100 - 240V/50 - 60 Hz) and battery operation (12V)
 Charging time 1 - 1.5 h

5 Duo-Power

Up to 2.5 hours mobile and battery operated use. 12 V battery with on-board charger

4 Automatic shut-off when cover is closed

Conserves battery life and saves energy

6 Digital distance display is standard

Exact distance determination of the camera head

7 TFT Monitor

Excellent contrast and sharpness

8

3 Mini Module 1.3

Curve flexibility 90° from DN 100

2 Strong push cable 60 or 100 m

Precise guidance of the camera in pipes and drains even over long distances

8 Video In / Video Out

For video documentation of the inspection on video, via laptop / PC, etc. via accessories 6.9560

1 Self-levelling precision Camera head

Image is always up-right

9 COM interface / RS232

Direct data exchange with laptop / PC, etc. possible

Integrated video signal correction

Optimum picture quality



Article in different Volt variants available on request



ROCAM® Plus Sets

Sets include: ROCAM® Plus, power supply, Mini Module 1.3 colour, adaptor for Mini Module 1.3, Guide skid 40/65 mm for DN 70, Guide 40 / 65 mm for brush set Ø 100 mm and Ø 150 mm, 12 V car adaptor for cigarette lighter, testing adaptor for camera head impermeability test, battery, keyboard*, professional drain software* rolling skids for Ø 150 and 200 mm*, carrying bag.

*with 6.9740 and 6.9840

PC keyboard and professional drain software (with No. 6.9740 and No. 6.9840 included in delivery)

No loss of time, direct on-site data entry possible

Professional drain software

For logging



Fig. Transmitter unit ROCAM® Plus (No. 6.9850) (optional / retrofit, see page 255)

Model	Version	kg		No.
ROCAM® Plus colour with distance counter	60 m	20	1	6.9725
ROCAM® Plus colour with distance counter	60 m, data registration and professional drain software*	21	1	6.9740
ROCAM® Plus colour with distance counter	100 m	25	1	6.9825
ROCAM® Plus colour with distance counter	100 m, data registration and professional drain software*	26	1	6.9840

For accessories see 256 – 257

Rocam® Plus in operation



MINI MODULE 1.4 for the inspection of the smallest diameter pipes standard



Inspection of a rain downpipe gutter



Professional drain software per ATV



Functional principal camera head



Pipe & Drain TV Inspection

ROCAM® Plus accessories

Guide Skids for Rocam® Plus

Guide Skids 40/65

For pipe diameters from 70 mm. Helps to centre and secure guidance of the camera head. Guide skids are easily mounted on camera head

Guide Skids 40/65, extended

For use with brush attachment **DN 100** and **DN 150**. Guide skids are easily mounted on camera head



Model	g	kg	No.
Guide Skid 40 / 65 mm for DN 70	200	1	6.9111
Guide Skid 40 / 65 mm, extended	200	1	6.9112

ROCAM® Plus Adaptor

Connection adaptor for MINI MODULE 1.4

For use of the high-performance modules with the ROCAM® Plus. Attached and ready for use in just a few steps

Camera Head Test Adaptor ROCAM® Plus

Adaptor for impermeability test

Uncomplicated, on-site testing of the impermeability of the camera head. Test adaptor can only be used with ROCAM® Plus.



Model	g	kg	No.
Connection adaptor MINI MODULE 1.4	100	1	6.9114
Impermeability test adaptor	100	1	6.9116

Brush Attachment Set

In DN 100 and DN 150

With high-quality, durable brushes. For adjustment and centering of the camera head.

Brush attachment **DN 100** For use in 100 - 150 mm pipes

Brush attachment **DN 150** For use in 150 - 200 mm pipes



Model	g	kg	No.
Brush Attachment Set DN 100	200	1	6.9113
Brush Attachment Set DN 150	300	1	6.9117

Rolling Skid

For wide distances

For the adjustment and centering of the camera head. Less sliding drag with the full rubber wheels.

Rolling skid RS40/150 for Ø 150 - 200 mm pipes

Rolling skid RS40/200 for Ø 200 - 300 mm pipes



Model	g	kg	No.
Rolling Skids RS40 / 150	700	1	6.9118
Rolling Skids RS40 / 200	700	1	6.9119

8



Battery and Charging Unit for ROCAM® Plus

Spare battery

12 V high-performance battery for flexible use.
Up to 2.5 hours operating time

Rapid charger

External 12 V charger for ROCAM® PLUS high-performance battery
Charging time 1 – 1.5 h



Model	g	g	g	No.
Spare battery	800	1		6.9570
Spare battery charger	750	1		6.9575

12 V Car Adaptor

For connection to the cigarette lighter

Enables the ROCAM® Plus to be used and the battery to be charged using the vehicle's cigarette lighter. Guarantees high flexibility and mobility



12 V Car adaptor



Model	g	g	g	No.
12 Volt Car Adaptor	300	1		6.9115

ROCAM® MINI MODULE 1.4 colour

High-quality camera module with flattened mini-camera head

Camera head Ø 25 mm with elongated housing that has been optimised. Excellent flexibility 5 x 90 with **DN 40**. Allows for use of ROCAM® Plus in smaller pipe diameters



Model	g	g	g	No.
MINI MODULE 1.4 colour	700	1		6.9161

ROCAM® Plus Transmitter Unit

Retrofittable, 33 kHz

High-quality, active transmitter unit for precise detection of the ROCAM® Plus in pipes and hollow spaces

Attached and ready for use in just a few steps



Model	g	g	g	No.
ROCAM® Plus 33 kHz Transmitter Unit	400	1		6.9850



Manual Drain Cleaning Equipment

ROPUMP® SUPER PLUS

Professional force pump cleaner

For quick ease of traffic loads in basins, bowls, toilets etc.



Product Profile

KEY FEATURES

- 1 Highest suck and pressure power thanks to a patented piston with double-sided sealing lip
- 2 Optimal adaption to the cleaning job
- 3 Pipe maintains biggest forces
- 4 Best transmission and optimal handling

Quick – Compact – Handy

- 2 Flexible, in all directions adjustable handle

Optimal adaption to the cleaning job

- 3 Base Body is monolithic

Maintains biggest forces

- 4 Ergonomic D-handle

Best transmission and optimal handling



- 1 Patented piston

Highest suck- and pressure power

Adaptor long
No. 7.2071

No. 1.8047

Short and long Adaptor included in scope of delivery

8

Short adaptor



Long adaptor



Model	kg			No.
ROPUMP® SUPER PLUS with 2 Adaptors	2.00	1	4	7.2070X
ROPUMP® SUPER PLUS Display		1(8)		1.8047
Accessories				
Adaptor long	0.66	1		7.2071
Adaptor short	0.16	1		7.2072

ROPUMP®

Force pump cleaner according to the air-pump principle with water pressure



Flexible socket

Various areas of application

Eases traffic loads in drains, basins, showers, bowls etc.

KEY FEATURES

- Small and handy
- Compact and effective

Model	g		No.
ROPUMP® with flexible socket	500	1	7.1991

Manual Drain Cleaning Equipment

ROPOWER HANDY

Manual drain cleaning unit, Ø 50 - 100 mm

A universal manual drain cleaning unit for fast clearance of obstructions. The spiral permits the attachment of a wide range of ROTHENBERGER pipe cleaning tools with 16 mm couplings

KEY FEATURES

- **Perfect cleaning of incrustations with high torsion strength**
Patented spiral (ROPOWER Profile Spiral) with special wire shape
- **Alkali-resistant and weather proof**
Galvanized ROPOWER profile spiral
- **Extendable working length**
Spiral with ROTHENBERGER secure T-groove quick coupling

TECHNICAL DATA

ROPOWER PROFILE Spiral 16 mm without plastic core

Set (No. 7.1973) includes: ROPOWER PROFILE Spiral 2.3 m without core (No. 7.2494), manual crank (No. 7.1976), safety gloves (No. H8.1401), separating pin (No. 7.2100), blade cutter Ø 25 mm (No. 7.2169)

Model	kg		No.
ROPOWER HANDY complete	1.7	1	7.1975
ACCESSORIES			
Manual crank	0.4	1	7.1976
ROPOWER PROFILE CABLE without plastic core	1.2	1	7.2494



Safety gloves



ROPOWER PROFILE SPIRAL without plastic core

50% more cleaning power and improved flexibility



Separating pin

Fast release of tools from the spiral

Cross-blade cutter

Ideal for the removal of soft deposits



Crank with 16 mm spiral coupling



ROTHENBERGER secure T-groove quick coupling

Suitable for connection to all 16 mm ROTHENBERGER drain cleaning tools

WC-BLITZ RO-3 Toilet Auger

KEY FEATURES

- **Flexible use even in hard-to-reach places**
With tough cleaning bulb auger. Extendable handle and 1 m spiral length, Ø 1/2"
- **No damage to ceramic surfaces**
Angle made out of plastic

Model	kg		No.
WC-BLITZ RO-3 complete with spiral	2.75	1	7.8551



Ergonomic handle with soft grip inlet

Reliable and safe use, firm grip

Angle with plastic protection

No damage to ceramic surfaces in the visual range

Universal bulb auger

High cleaning effect

Manual Drain Cleaner Type 3 S

For pipes Ø 40 - 100 mm,
Spirals Ø 13 mm x 15 m with 16 mm coupling

KEY FEATURES

- **Flexible use with a wide range of applications**
For use with all ROTHENBERGER drain cleaning tools with 16 mm couplings
- **Cleaning unit with stand**
Secure use
- **Plastic spiral drum**
Corrosion-proof and impact-resistant

You'll find further tools with 16 mm couplings starting on **277**

Model	kg		No.
Manual drain cleaner Type 3 S, complete	17.50	1	7.2003
Spare spiral Ø 13 mm x 15 m	7.00	1	7.2016
Cross-blade cutter, Ø 35 mm	0.04	1	7.2176
Separating pin	0.01	1	7.2100



Set includes (No. 7.2003): Manual drain cleaner Type 3 S (No. 7.2003), spirals Ø 13 mm x 15 m (No. 7.2016), cross-blade cutter Ø 35 mm (No. 7.2176) and separating pin (No. 7.2100)



Manual and Electrical Drain Cleaning Equipment

ROSPI H+E PLUS

Professional manual and electrical drain cleaning unit

Comfortable use with battery / drill machines

Product Profile

KEY FEATURES

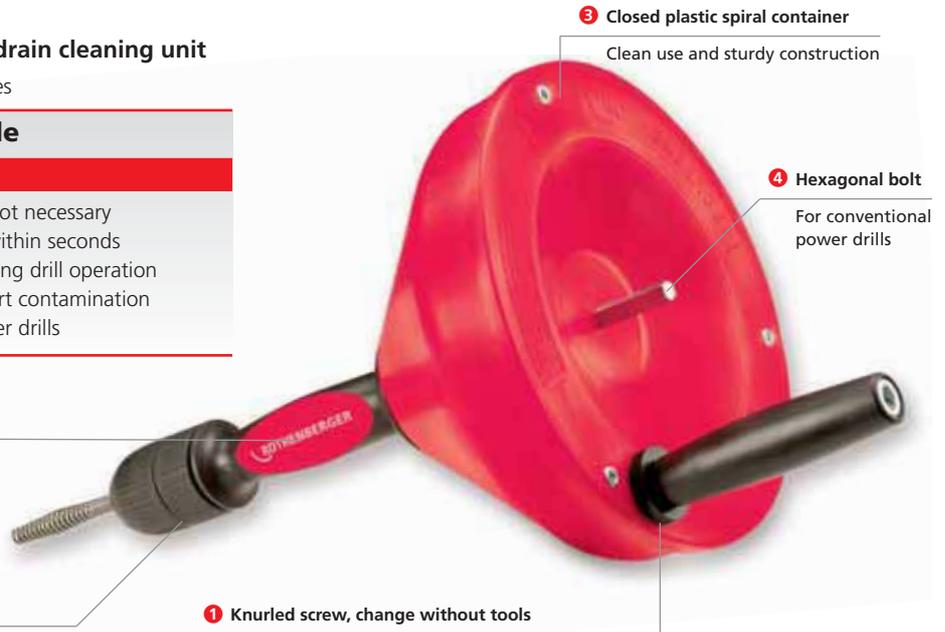
- Removal of sinks and siphon filters is not necessary
- ❶ Switch from manual to electrical use within seconds
- ❷ Secure hold even at higher speeds during drill operation
- ❸ Impact-resistant and protected from dirt contamination
- ❹ Hexagonal drive for conventional power drills

❷ Ergonomic handle with soft grip inlay

Safe grip and operation even at high speed

Spiral lock with flexible spiral and incorporated bulb head auger

Removes dirt in hard-to-reach spaces



❶ Knurled screw, change without tools

Switch from manual to electrical use within seconds

Manual operation



Switch from manual to electrical



Electrical operation with cordless drill



Model		kg		No.
ROSPI 6 H+E Plus 4.5 m	1.4	1	2	7.2090
ROSPI 8 H+E Plus 7.5 m	3.5	1	2	7.2095
ROSPI 10 H+E Plus 10.0 m	4.8	1	2	7.2005
For spare spirals see 274				

ROSPI R 36 Plus

Electrical drain cleaning unit, battery-powered or standard, Ø 20 - 75 mm

Ideal for small jobs in the kitchen, bathroom or toilet



Product Profile

KEY FEATURES

- **Clean use and sturdy construction**
Closed plastic container for spiral, impact-resistant and crack-proof
- **Safe grip and operation even at high speed**
Extra long handle with soft grip inlay
- **Various uses**, Ø 8 mm and 10 mm spirals can be used
- Spirale Ø 8 mm x 7.5 m **with bulb head auger** included

TECHNICAL DATA

For pipes:	20 - 75 mm
R36 Plus battery version:	Approx. 1 hour operating time
R36 charging unit:	1 hour rapid charge
R36 Plus Standard:	electric drive 230 V
Double insulation	
Continuous speed adjustment in both directions	
Working length	7.5 m

Mobile use with battery version



No. 7.2520

Model	kg		No.
ROSPI R 36 Plus 18 V battery version	6.6	1	7.2520
Spare high-performance battery	0.7	1	7.2516
ROSPI R 36 Plus standard version	4.7	1	7.2525
Battery charger unit + AC adaptor	1.0	1	7.2513
For spare spirals see 274			

Manual and Electrical Drain Cleaning Equipment

ROSPIMATIC

Electrical pipe and drain cleaning machine Ø 20 - 75 mm

Powerful and quick removal of tough obstructions



Product Profile

KEY FEATURES

- 1 Fast and comfortable switch between automatic forward and reverse, high safety because hand grip doesn't need to be changed
- 2 Individually adjustable for each cleaning job
- 3 Safe use even with gloves
- 4 Spiral with incorporated bulb head auger with steel core
- 5 Optimum balance of weight

TECHNICAL DATA

Application range:	20 - 50 mm (Ø 8 mm)
Application range:	20 - 75 mm (Ø 10 mm)
Working length:	7.5 m
Dimensions (without spiral):	560 x 200 x 320 mm
Weight (with 8 mm spiral):	5 kg
Rating:	630 W
Speed:	0 - 950 min ⁻¹

One-of-a-kind spiral control mechanism

1 One-of-a-kind spiral control mechanism

Quick and comfortable switching between automatic forward and reverse, high safety because hand grip doesn't need to be changed

3 Large locking knob

Safe use even with gloves

4 Spiral with steel core and incorporated bulb auger

Removal of dirt in hard-to-reach places

5 Optimum balance of weight

Energy saving operation

2 Electronic speed limit / feed speed regulation

Individually adjustable for each kind of cleaning job



Fast removal of obstructions



For additional accessories see 277

Article in 110 Volt available on request

Model			No.
ROSPIMATIC* incl. 8 mm / 7.5 m spiral, 230 V	1	1	7.8576
Spiral 8 mm / 7.5 m with steel core	1	1	7.2413
10 mm / 7.5 m spiral/tool set*			7.2479

Set (No. 7.2479) includes: *10 mm spiral (No. 7.2423) can be used with the following tools, cross blade cutter (No. 7.2176), bulb auger (No. 7.2163), sharktooth cutter (7.2164), funnel auger (No. 7.2165), separating key (No. 7.2100), ROWONAL (No. 7.2142), in case (No. 5.5016), (available beginning in May 2009)

ROTHENBERGER



System Overview Pipe & Drain Cleaning Machines

Powerful ROTHENBERGER Portable Machines for the Professional



Practical construction that supports the installer as well as the pipe and drain cleaning specialist.

The heavy-duty motor has been optimally designed for various cleaning tasks and guarantees professional operation.

With the portable machines, segmented spirals are coupled together which allows the operator to turn only as many spirals as required. All these machines work on a manual feeding system.

The advantage of the portable machines lies in the fast rotation of the spirals.

This enables the use of chain spinning heads for effective pipe cleaning.

These machines feature exceptionally good force transmission and high functional safety. Radial clamping of the spirals with the patented CENTRE-LOCK clutch jaw technology is also on board.

Sturdy, durable and low-maintenance. Portable machines that you can count on!

The comprehensive product range offers the exact cleaning accessory you need!

Patented, central force transmission directly on the driveshaft

Individual and flexible working range with the different spiral diameters

Direct connection of spirals or adaptor magazine/clutch jaws (R750)

Field tested motor with right/left rotation

Stable rotational speed and strong stroke

Patented jaw clamp system **CENTRE-LOCK**

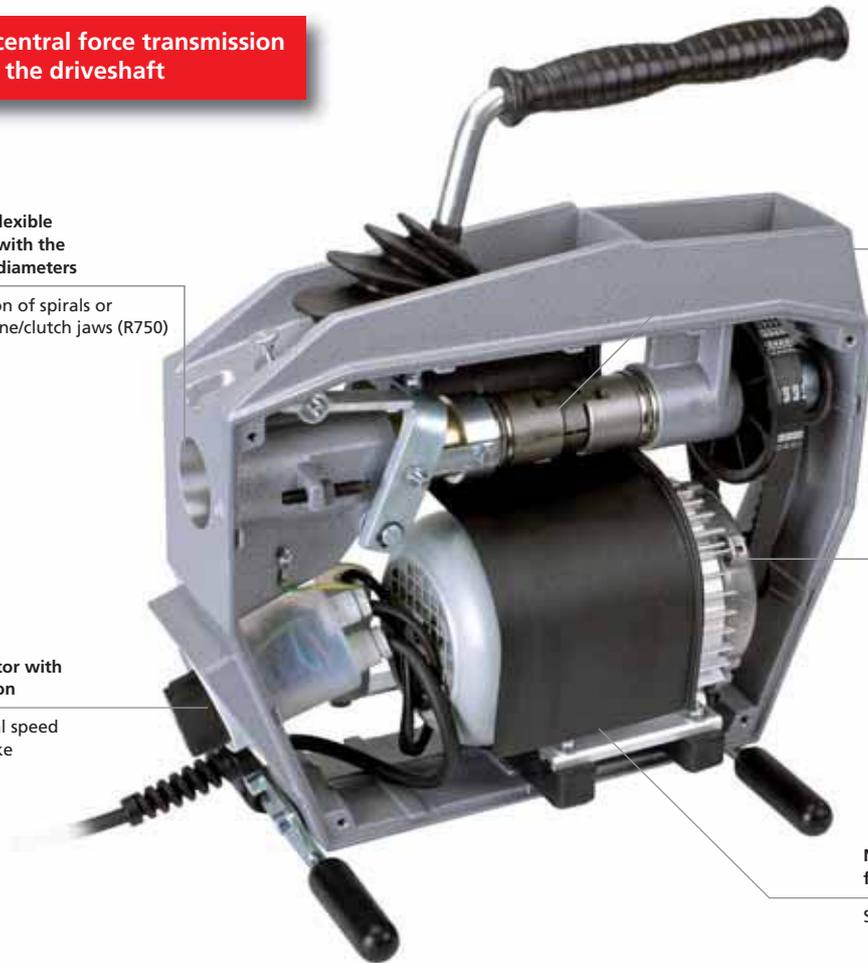
Exceptional functional safety and central force transfer direct on the spiral (motor / spiral)

Low-friction toothed belt and geared drive pinion

Optimum force transmission and no slipping of the drive shaft

Noise suppression and protected from splash water per IP 44

Safe use



R 550

Drain cleaning machine for pipe Ø 20 - 100 mm, max. working length 40 m with Ø 16 mm S-spirals

Lockable drive lever serves as handle



Adaptor magazine for 8 mm and 10 mm spirals



R 600

Drain cleaning machine for pipe Ø 20 - 150 mm, max. working length 60 m with Ø 22 mm S-spirals

Reinforced protective guide hose with precision quick coupling



Adaptor magazine for 8 mm and 10 mm spirals



System Overview Pipe & Drain Cleaning Machines

Product Profile

System characteristics of all portable machines

R 550, R 600, R 650, R 750

- 1 Reliable lengthening and shortening of the spirals
- 2 Stable, warp-free and lightweight
- 3 Easy to transport, ideal for mobile use
- 4 Safe and kink-free guidance of the spiral, clean use
- 5 Robust and light



- 3 Drive lever can be locked in stop position and can be used as carrying handle

Easy to transport, ideal for mobile use

- 2 Die-cast aluminium frame

Stable, warp-resistant and lightweight

- 4 Guide hose with precision quick coupling

Guaranteed safe and kink-free guidance of the hose and prevents dirt contamination

- 5 Side panels made of fibre-glass reinforced polyamide

Robust and light

- 1 Integrated clamping device

For secure lengthening and shortening of the spirals

100% stronger*



Tripod Stand:

Secure, slip-free stand for comfortable use in an upright position, for example when cleaning toilets and revision openings (special accessories)

R 650

Drain cleaning machine for pipe Ø 20 - 150 mm, max. working length 65 m with Ø 22 mm S-spirals

Drive lever can be fitted on the side



Adaptor magazine for 8 mm and 10 mm spirals



R 750

Drain cleaning machine for pipe Ø 20 - 200 mm, max. working length 80 m with Ø 32 mm S-spirals

Can be rotated 180° and locked for easy wheeling



Clutch jaws can be easily inserted for Ø 8, 10, 16 mm spirals



* In comparison to R600

Pipe & Drain Cleaning Machines

Please pay attention to system characteristics / advantages on pages 260 / 261!



Includes: R 550 basic machine and guide hose (No. 7.2547)

Model		230 V	110/115 V
R 550 including guide hose	16.0	7.2686	7.2631
Tool sets and accessories starting on  270			

R 550

Drain cleaning machine for pipe Ø 20 - 100 mm

Reliable, high-performance drain cleaning machine that has a variety of general purpose maintenance uses.

Product Profile

APPLICATION AREA

Especially light, compact and handy design:

Ideal for obstructions in wash basins, toilets, sewage pipes, floor drains and downpipes

KEY FEATURES

- Extremely light, only 16 kg
- Direct up-take of 16 mm spirals
- Optional Ø 8 and 10 mm with adaptor magazine possible
- Maximum working length 40 m, with Ø 16 mm S-spiral

TECHNICAL DATA

For pipe diameters:	Ø 20 - 100 mm
With direct up-take:	Ø 16 mm spirals
With adaptor magazine:	Ø 8 mm and 10 mm
Max. working length:	40 m with Ø 16 mm S-spirals 10 m with Ø 8 and 10 mm spirals
Rating:	0.25 kW (0.34 HP)
Voltage:	230 / 110 / 115 V, 50 Hz
Speed:	583 min ⁻¹ , RH and LH drive
Weight:	16.0 kg

8



Includes: R 600 basic machine and guide hose (No. 7.2541)

Model		230 V	110/115 V
R 600 including guide hose	20.9	7.2687	7.2632
Tool sets and accessories starting on  270			

R 600

Drain cleaning machine for pipe Ø 20 - 150 mm

For installation and maintenance work in hospitals and municipal facilities

Product Profile

APPLICATION AREA

Universal use both indoors and outdoors:

The powerful motor works reliably even against stubborn obstructions. A wide range of accessories are available

KEY FEATURES

- Direct up-take from 16 mm and 22 mm spirals
- Optional Ø 8 and 10 mm with adaptor magazine possible
- Maximum working length 50 m, with Ø 16 mm S-spirals
- Maximum working length 60 m, with Ø 22 mm S-spirals

TECHNICAL DATA

For pipe diameters:	Ø 20 - 150 mm
With direct up-take:	Ø 22 and 16 mm Spiralen
With adaptermagazine:	Ø 8 and 10 mm
Max. working length:	60 m with Ø 22 mm S-spirals 50 m with Ø 16 mm S-spirals 10 m with Ø 8 and 10 mm spirals
Rating:	0.4 kW (0.55 HP)
Voltage:	230 / 110 / 115 V, 50 Hz
Speed:	467 min ⁻¹ , RH and LH drive
Weight:	20.9 kg

Article in different Volt variants available on request

Please pay attention to system characteristics / advantages on pages 260 / 261!

Pipe & Drain Cleaning Machines

R 650

Drain cleaning machine for pipe Ø 20 - 150 mm

For professional mobile drain cleaning. Compact, robust and powerful, even in extreme working conditions

Product Profile

APPLICATION AREA

Perfectly suited for rough use and in extreme working conditions: Quiet operation and powerful cleaning action, even when cutting through roots or grinding out cement and lime deposits

KEY FEATURES

- Dual motor performance (cp. R 600)*
- Flexible with drive lever that can be fitted on the side
- Direct up-take of 22 mm and 16 mm spirals
- Optional Ø 8 and 10 mm with adaptor magazine possible
- Maximum working length 65 m, with Ø 22 mm S-spiral

TECHNICAL DATA

For pipe diameters:	Ø 20 - 150 mm
With direct up-take:	Ø 22 and 16 mm spirals
With adaptor magazine:	Ø 8 mm and 10 mm
Max. working length:	65 m with Ø 22 mm S-spirals 55 m with Ø 16 mm S-spiral 10 m with Ø 8 and 10 mm spirals
Rating:	0.8 kW (1,1 HP),
Voltage:	230 / 110 / 115 V, 50 Hz
Speed:	623 min ⁻¹ , RH and LH drive
Weight:	22.8 kg



Includes: R 650 basic machine and guide hose (No. 7.2541)

Model	△kg△	230 V	110/115 V
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R 650 including guide hose	22.8	7.2688	7.2633
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Tool sets and accessories starting on 270

R 750

Drain cleaning machine for pipe Ø 20 - 200 mm

For professional mobile drain cleaning. Compact, robust and powerful, even in extreme working conditions

Product Profile

APPLICATION AREA

Perfectly suited for the cleaning of domestic connections and main pipes: Quiet operation and powerful cleaning action. Suitable for continuous use such as chain spinning, grinding and cutting roots.

KEY FEATURES

- Drive lever can be rotated (180°), locked and a handle for easy wheeling
- Direct up-take of 32 mm and 22 mm
- Optional Ø 8, 10 and 16 mm with clutch jaw possible
- Maximum working length 70 m, with Ø 22 mm S-spirals

TECHNICAL DATA

For pipe diameter:	Ø 20 - 200 mm
With direct up-take:	Ø 32 and 22 mm spirals
With clutch jaw:	Ø 8, 10 and 16 mm
Max. working length:	80 m with Ø 32 mm S-spirals 70 m with Ø 22 mm S-spirals 55 m with Ø 16 mm S-spirals 10 m with Ø 8 and 10 mm spirals
Rating:	0.9 kW (1.23 HP)
Voltage:	230 / 110 / 115 V, 50 Hz
Speed:	467 min ⁻¹ , RH and LH drive
Weight:	33.5 kg



Includes: R 750 basic machine and guide hose (No. 7.2559)

Model	△kg△	230 V	110/115 V
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R 750 including guide hose	33.5	7.2689	7.2634
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Tool sets and accessories starting on 270

Article in different Volt variants available on request

ROTHENBERGER



Pipe & Drain Cleaning Machines

ROSPEED 3F

High-performance pipe cleaning innovation for pipe
Ø 50 - 125 mm, tic spiral feed and return



Product Profile	
APPLICATION AREA	
Ideal for pipe and drain cleaning companies, plumbers, hospitals, food and beverage outlets, schools, nursing homes, facility management, and many more	
KEY FEATURES	
1 3F – three functions in one unit: 1. Scrubbing 2. Pulsating 3. Final cleaning 1 Clear and easy to control 2 Spiral will not twist or turn in drum 3 Spiral control in direction of rotation for optimal handling 4 Secure lengthening or shortening of the spiral 5 Easy cleaning of the drum 6 Grip is easy to extend and pack away	

KEY FEATURES	
7 Toolbox immediately ready-to-use ● One-of-a-kind, automatic rpm control ATC – Automatic Torque Control ● Stable stand with self-suction rubber feet	
TECHNICAL DATA	
For pipe diameter:	Ø 50 - 125 mm
With direct up-take:	Ø 16 mm
Max. working length:	15 m up to 30 m expandable
Rating:	250 W
Speed:	270 - 340 min ⁻¹ , 3 Step adjustable
Weight:	47.5 kg



ATC- Automatic Torque Control – One-of-a-kind automatic rpm control protects spiral and motor

1 Electronic display – 3F
Clear and easy control of the 3 cleaning functions

2 Forced guidance of the spiral, parallel layer winding, remains balanced
Spiral will not twist or turn in the drum

3 Spiral control in direction of rotation, automatic feed and retraction
Optimum handling

4 Clamping mechanism with T-groove coupling
For secure lengthening or shortening of the spiral

5 Cleaning plug on the back side of the drum
Easy cleaning of the drum

6 Stainless steel grip
Easy to extend and pack away

7 Toolbox is included in delivery
Immediately ready-to use

8

Protects the spiral with reinforced cable guidance in the drum

Pipe & Drain Cleaning Machines



3 cleaning functions in one unit (3F)

Functions can be changed with ease during operation:



Scrubbing

Find and begin removing obstruction with 270 min⁻¹



Pulsating – WORLD INNOVATION (Patent bending)

Pulsating removal of the obstruction. Switches automatically between 270 - 340 min⁻¹



Final cleaning

Removes the last residue from pipes at 340 min⁻¹
Optimum rotational speed for the use of chain-spinning heads >300 min⁻¹

Can also be used in horizontal position for use in e.g. manholes and riser pipes



Reinforced guide hose with precision quick coupling

Safe use

With 6 professional tools to get started

- Straight Auger
- Bulb Auger
- Retrieving Auger
- Chain-spinning Head
- Cross-blade cutter, serrated
- Spiral Sawtooth Cutter



included in delivery

Set (No. 7.2960) for Standard 16 mm includes: Basic machine, straight auger (No. 7.2161), bulb auger (No. 7.2163), retrieving auger (No. 7.2162), chain-spinning head (No. 7.2185F), cross-blade cutter, serrated (No. 7.2176), spiral sawtooth cutter (No. 7.2166), separating pin (No. 7.2100), guide hose (No. 7.2540), ROWONAL spray (No. 7.2142), plastic carrying case

Model	kg	⊞	No.
ROSPPEED 3F (230 V) with tool set	47.5	1	7.2960
Spiral 16 mm x 15 m with steel core	15.0	1	7.2918

ACCESSORIES

Description	kg	⊞	No.
Guide glove, left	0.21	271	7.2120
Guide glove, right	0.21	271	7.2121
ROWONAL-Spray, 200 ml	0.22	271	7.2142
Additional accessories starting on 270			



8



Pipe & Drain Cleaning Machines

Industrial Pipe & Drain Cleaning

For continuous industrial operation in pipe and drains with Ø 50 - 600 mm

Ideal for use in private households, industrial pipe networks, municipal facilities, maintenance services, hotels, hospitals, for main pipes, industrial pipes sewers, roof drainage, etc.

R 80

One-man professional machine



Includes: Basic machine, grease gun (No. 85.5156), Allen keys (1 x No. 32.1515, 1 x No. 32.1188, 1 x No. 32.1189), open-ended spanners (1 x No. 31.0411, 1 x No. 31.0450)

Model		230 V	110/115 V
		50 Hz	50 Hz
R 80 basic machine	52.0	7.2585	7.2857
Spirals and accessories starting on 270			

- Extremely powerful, high torque and suitable for continuous industrial use
- Tubular steel frame with side panels of fibreglass reinforced polyamide
- Rugged, foldable, corrosion-protected construction
- Safe, radical clamping, optimum force transmission, functional safety, simple replacement
- Reinforced guide hose with precision quick coupling
- Ensures safe, kink-free spiral feed and prevents dirt contamination

Product Profile

KEY FEATURES

- Small, compact design permits the machine to pass through doorways
- Portable and easy to navigate stairs
- Transports easily in any service vehicle, collapsible
- Ideal for manhole inspections through defined working height
- Fatigue-free clamping when working with large spiral diameters and lengths
- Integrated, spacious toolbox

TECHNICAL DATA

For pipe diameter:	Ø 50 - 250 mm
For drain cleaning spirals:	Ø 22 and 32 mm
Max. working length:	80 m with Ø 32 mm S-spirals 70 m with Ø 22 mm S-spirals
Rating:	1.4 kW (1.9 HP) RH / LH rotation
Weight:	52 kg

8

R 100 SP

One-man professional machine



Includes: Basic machine, grease gun (No. 85.5156), Allen key (No. 32.1515), open-ended spanners (No. 31.0450)

Model		230 V	110/115 V
		50 Hz	50 Hz
R 100 SP basic machine	57.0	7.2610	7.2860

Product Profile

KEY FEATURES

- Smallest dimensions, fits through drain openings with Ø 800 mm
- Ideal for confined spaces such as skylights or ducts
- Portable and easy to navigate stairs
- 2 adjustable working heights, foldable
- Extendable supporting feet
- Transports easily in any service vehicle

TECHNICAL DATA

For pipe diameters:	Ø 50 - 250 mm
For drain cleaning spirals:	Ø 22 and 32 mm
Max. working length:	100 m with Ø 32 mm S-spirals 70 m with Ø 22 mm S-spirals
Rating:	1.4 kW (1.9 HP) RH / LH rotation
Weight:	57 kg

R 80 / R 100 SP



No.

ACCESSORIES

Guide hose FS 32 / length 4 m	4.1	7.2559
Clutch jaws R 80 / 100 SP for 22 mm spirals	0.4	7.2561
Clutch jaws R 80 / 100 SP for 32 mm spirals	0.3	7.2562
Spirals and accessories starting on 270		

Pipe & Drain Cleaning Machines

R 140 B

For municipal and industrial applications
 Ø 100 - 600 mm

Petrol motor 4.8 kW

Product Profile

KEY FEATURES

- **Effortless conversion from spiral to rodding operation**
 Working range from Ø 100 - 250 mm with 32 mm spirals
 Working range from Ø 150 - 600 mm with rods
- Petrol engine, independent from electric power supply
- Ideal for rodding work in rural area pipes
- Extremely powerful reversible drive
- 1 forward and 1 reverse gear
- Speed controlled by means of a manual throttle
- Manual slip clutch
- With quick-change couplings for rodding tools

TECHNICAL DATA

For pipe diameter:	Ø 100 - 600 mm
For drain cleaning spirals:	Ø 32 mm
For rods:	Ø 6 mm, 3/4"
Max. working length:	100 m with 32 mm-spirals 140 m with rod
Rating:	4.8 kW (6.6 HPS), petrol engine
Motor:	RH / LH rotation
2 gear reversible drive:	
Speed:	160 - 600 min ⁻¹
Weight:	97 kg

Ample accessories

Flexible application



Guide hose

Protects against damage and contamination

Integrated toolbox

Ample space for additional accessories

Integrated parking brake

Secure stand of the machine



Fig. Included in delivery (No. 7.2971)

Includes (No. 7.2971): R 140 (No. 7.2970) with rod, 25 x adaptor 3/4" (No. 7.8581), funnel auger 3/4" (No. 7.8585), screw auger 3/4" (No. 7.8583), straight auger 3/4" (No. 7.8582), guide glove, left (No. 7.2120), guide glove, right (No. 7.2121), separating pin (No. 7.2101)

Model	kg	No.
R 140 with rod and tool set	108.50	7.2971
R 140 basic machine	97.00	7.2970
Adaptor 3/4", Ø 6 mm, 1.5 m	0.25	7.8581
Funnel auger	0.25	7.2322
Chalice auger	0.25	7.2320
Straight auger	0.25	7.2321
Rod turning grip	0.56	7.8580
Bulb auger	0.38	7.2771
Retrieving auger	0.10	7.2325
Spiral-sawtooth cutter	0.15	7.2329
Guide glove, left	0.21	7.2120
Guide glove, right	0.21	7.2121
Separating key	0.20	7.2101
Tool adaptor for mounting	0.10	7.2122
spiral tools 32 mm		
Dual spade head cutter, length 90 mm - Ø 45 mm	0.12	7.2774
Serrated forked cutter, length 110 mm - Ø 60 mm	0.10	7.2780
Serrated forked cutter, length 110 mm - Ø 85 mm	0.12	7.2781

Use with spirals



Use with rods



Model	kg	No.
Serrated forked cutter, length 110 mm - Ø 112 mm	0.14	7.2782
Tool adaptor for mounting / rods	3.75	H 9.9120
Guide hose FS 32 / length 4 m	4.10	7.2559
Standard 32 mm, tool / spiral set	41.00	7.2962X
Additional accessories starting on 270		

8



Accessories for Pipe & Drain Cleaning Machines



Clutch Jaws

For machine type	For spirals		No.
R 550			
(from Serial No. 411542)	16 mm	0.1	7.2538
(up to Serial No. 411541)	16 mm	0.1	7.2536
R 600/650			
(from Serial No. 409001)	16 and 22 mm	0.3	7.2638
(up to Serial No. 409000)	16 and 22 mm	0.3	7.2666
R 750			
R 80/100 SP	16 mm	0.3	7.2560
R 80/100 SP	22 mm	0.4	7.2561
R 80/100 SP	32 mm	0.3	7.2562

No. 7.2514, No. 7.2515 No. 7.2511



Adaptor Magazines

- Clean, safe storage of 8 and 10 mm spirals.
- Impact-resistant container with clutch jaws and precision clutch

For machine type	For spirals	Max. spiral length		No.
R 550	8 and 10 mm	10 m	1.3	7.2511
R 600/650	8 mm	10 m	1.8	7.2514
R 600/650	10 mm	10 m	1.8	7.2515



No. 7.2915

Clutch Jaws for R 750

For machine type	For spirals		No.
R 750	8 and 10 mm	0.4	7.2914
R 750	16 mm	0.3	7.2915

Ensures safe, kink-free spiral feed



No. 7.2541

No. 7.2559

With precision quick coupling

Spiral Guide Hoses

- Prevents contamination and damage

Description	For machine type	For spirals	Length		No.
FS 16	R 550/ROSPEED 3F	16 mm	2 m	1.1	7.2540
FS 16	R 550/ROSPEED 3F	16 mm	4 m	2.2	7.2547
FS 22	R 600/650	22 mm	4 m	2.8	7.2541
FS 32	R 750/80/100	32 mm	4 m	4.1	7.2559



Toilet Protection Hose

- For the protection of ceramic
- With adjustable holding clamp

For spirals	Length		No.
Ø 8, 10, 16 mm	540 mm	0.4	7.2705

Ideal working height



Tripod Stand

- Collapsible and galvanised
- Provides an ideal working height of the drain cleaning machine, for example: Toilets
- Inspection holes in downpipes
- Spiral retrieving device

For machine type		No.
R 550 - R 600 - R 650 - R 750	3.0	5.8182



Accessories for Pipe & Drain Cleaning Machines

Spiral Retrieving Device

- Safe feeding / retrieving of spirals in downpipes
- Suitable for all Ø 22 and 32 mm open-wound spirals
- Suitable as pusher unit for difficult obstructions
- Also suitable as adaptor for third-party equipment without problems
- With water supply connection (two 1" threaded couplings)
- Socket for tripod stand



Description	kg	No.
Spiral retrieving device	3.7	7.2135

Telescoping Guide Tubes

- No twisting
For safe spiral guidance in manholes and manhole covers



No. 7.2131

Description	Extended length m	Type	kg	No.
For spirals Ø 16, 22 mm	1.4 - 2.3	2 pieces	3.0	7.2130
For spirals Ø 22, 32 mm	1.9 - 4.3	3 pieces	10.0	7.2131

Spiral Guide Gloves

- For safe grasping and guiding of cleaning spirals

- Full leather with short cuff
- Robust and comfortable.
Inner glove surface studded with metal slip rivets



No. 7.2121

No. 7.2120

Description	Model	g	No.
Guide glove	left	210	7.2120
Guide glove	right	210	7.2121

ROWONAL Care- and Rust Remover

- Preservation of spirals, couplings and tools

- For cleaning, rust-removal and disinfection
- Contents of spray can are CFC-free



No. 7.2140



No. 7.2142

Description	Content	g	No.
Spray can	0.2 l	220	7.2142
Plastic canister	5.0 l	5100	7.2140
Manual sprayer, empty	0.5 l	90	7.2141

Separating Pin

- For disconnecting spirals and spiral tools



No. 7.2100



No. 7.2101

Description	g	No.
For spirals / tools with Ø 16 mm	20	7.2100
For spirals / tools with Ø 22 and 32 mm	30	7.2101

Spiral Baskets

- Safe storage combined with convenient transport
- Perfectly suited for cleaning and preservation



No. 7.2111

No. 7.2112

No. 7.2109

No. 7.2110

Description	Spiral length max.	kg	No.
For spirals with Ø 8 / 10 mm	7.5 / 10 m	1.0	7.2109
For spirals with Ø 16 mm	34.5 m	1.3	7.2110
For spirals with Ø 22 mm	22.5 m	1.6	7.2112
For spirals with Ø 22, 32 mm	22.5 m	2.3	7.2111



Drain Cleaning Spirals

ROTHENBERGER High-Performance Drain Cleaning Spirals

For the toughest demands during continuous operation

Product Profile

KEY FEATURES

- **Reliable, high-performance spirals with long service life**
Abrasion-proof and wear resistant special steel
- **For the toughest demands even during continuous operation**
High material characteristics, optimum wire gauge, perfected production process
- **Maximum spring tension with high elasticity and flexibility**
Specially hardened and tempered
- **Optimum high torque transmission, won't tangle at contact**
Tightly wound
- **Increased spiral tension when machine turns clockwise and depending on the resistance of the obstruction**
Professional left-handed wound spiral
- **Quick and simple lengthening and shortening of spirals for fitting / removing drain cleaning tools, as well as powerful torque transmission**
Proven T-groove secure coupling system with NIROSTA locking pressure pin
- **Quick, trouble-free coupling even when wearing gloves**
Bevelled lead-ins on the spiral couplings

Environmentally friendly pipe cleaning: no chemicals!



KEY FEATURES

- **Saves costs when coupling spirals with different diameters**
Reducers and extensions are available in various diameters
- **Spare couplings can be mounted easily**
Spirals with sufficiently dimensioned connection coils on both sides
- **Ensures operational safety even during long periods of continual use due to reduced danger of corrosion and breakage. Also prevents loss of spirals and tools in pipe.**
High-quality construction: Spring mounted NIROSTA stainless steel pressure pin with NIROSTA stainless steel spring

TECHNICAL DATA

Manufactured from quality spring steel, Type C-DIN 17223, Material No. 1.1200

Specially hardened and tempered

T-groove secure coupling system with NIROSTA locking pin

Spring mounted NIROSTA pressure pin with NIROSTA spring

ROTHENBERGER Lock Ring

One-of-a-kind safety ring for the optimum transmission of the torque pressure onto the coupling with 100% surface pressure

With Lock Ring



KEY FEATURES

- **Self locking connection of spiral and coupling:**
With increased stress on the spiral, the torque pressure on the spiral end is increased and is transferred with 100% surface coverage onto the coupling.
- **Safety ring made out of flexible and self-binding material:**
With increased stress the ring will not slide, rather because of the 100% surface pressure, it adjusts itself to positively lock onto the coupling

KEY FEATURES

- **Optimum force transmission for professional pipe cleaning**
- **Increased safety**
- **Increased durability / service life of the spiral**

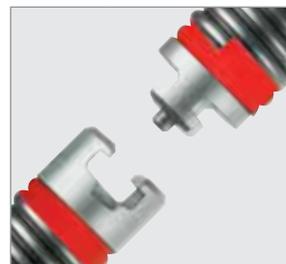
Patent pending



Safety ring made of flexible and self-binding material



Self-locking connection of spiral and coupling



T-groove secure coupling system with bevelled lead-ins for easy coupling



Spring mounted NIROSTA pressure pin with NIROSTA spring



With Lock Ring

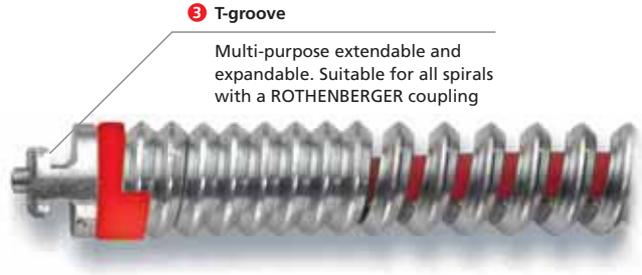
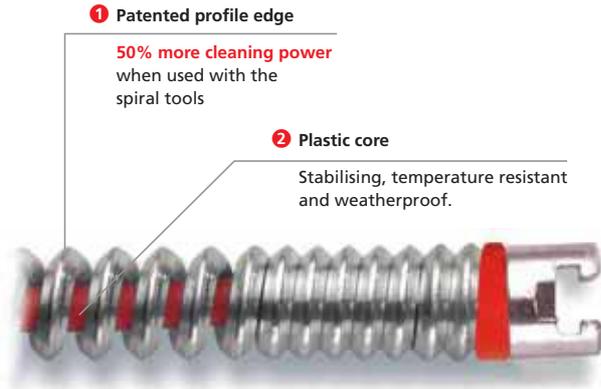


Drain Cleaning Spirals

ROPOWER Profile Cable

Patented spiral with special galvanized wire shape

Intended for extreme cleaning operations in large-diameter pipes, preferable for use over large distances and for straight sewer or pipe runs



mm	core	inch	m	kg	No.
16 *	●	5/8"	2.3	1.3	7.2490
22 *	●	7/8"	4.5	4.7	7.2492
32 *	●	1.1/4"	4.5	8.3	7.2493

* Square spiral coupling

KEY FEATURES

- Dual cleaning effect**
Cleaning effect through the spiral tools, first-class support with the patented profile edge of the ROPOWER profile spiral.
- Extremely tough and resilient**
Temperature and leach resistant, weatherproof
- Multi-purpose, extendable and expandable**
Suitable for all spirals and heads with a ROTHENBERGER coupling

Usable with all ROTHENBERGER spirals with T-groove coupling



For the toughest demands even during continuous operation
ROPOWER profile cable cleans with the patented profile edge

Standard Spirals

For general-purpose cleaning jobs with normal demands and shorter distances. Easy to use, even in tight bends or in a succession of pipe bends.



S-Spirals

Higher strength and better torque transmission due to the **increased wire diameter**, higher tautness and twisting resistance. Suitable for demanding work, such as root cutting, grinding out and chain-spinning and for longer distances.



SMK-Spirals

With **black plastic core**, temperature resistant and weatherproof, and spiral will not clog with debris. For extremely difficult cleaning jobs in large-diameter pipes, preferable used over long distances and in straight sewer or pipe runs.



S-SMK-Spirals

With **red plastic core**, temperature-resistant and weatherproof. For extreme cleaning jobs in large-diameter pipes, preferably used over long distances and straight sewer or pipe runs.



With safety coupling suitable for ROTHENBERGER drain cleaning machines R 550 to R 140 B
For drain cleaning machines from other manufacturers with spirals Ø 16 mm - 5/8", 22 mm - 7/8" and 32 mm - 1.1/4"

Safety T-Couplings

Description	16 mm 5/8"	22 mm 7/8"	32 mm 7/8"
for Standard- and SMK spirals			
positive	20 7.2150	40 7.2210	100 7.2310
negative	20 7.2151	40 7.2211	100 7.2311
for S- and S-SMK spirals			
positive	20 7.2152	40 7.2212	100 7.2312
negative	20 7.2153	40 7.2213	100 7.2313
for ROPOWER profile cable			
positive	20 7.2156	40 7.2206	100 7.2323
negative	20 7.2157	40 7.2207	100 7.2307

(each a complete pair)

For repairing broken spirals



No. 7.2150

No. 7.2151

No. 7.2212

No. 7.2213



Drain Cleaning Spirals



Spirals 8 mm / 10 mm

KEY FEATURES

- Heavy duty spiral made out of special steel with integrated bulb auger (except No. 7.2424)
- Suitable for ROSPI H + E Plus, ROSPI 36 Plus, ROSPIMATIC as well as R 550, R 600, R 650 (with adaptor) or R 750 (with clutch jaw)
- The wire diameter with an 8 mm spiral averages Ø 2 mm, and with 10 mm spirals Ø 2.5 mm



- Easy to use, even in tight bends, especially with 8 mm spirals also directly through sink strainers, crosses and drains without having to disassemble the drain or stench tap.

mm	Wire	R/K m	Type	Steel-core	Use for ROSPI	kg	No.
6.4	2 mm	4.5	-	-	R 6	0.8	7.2522
8	2 mm	7.5	C 1	-	R 8 - R 36	1.8	7.2412
8	2 mm	7.5	C 1 - IC	●	R 8 - R 36	2.3	7.2413
8	2 mm	10.0	-	-	R 8 - R 36	2.4	7.2414
8	2 mm	10.0	-	●	R 10 - R 36	3.0	7.2415
10	2.5 mm	10.0	C 5	-	R 10 - R 36	3.5	7.2422
10	2.5 mm	7.5	C 4	-	R 10 - R 36	2.9	7.2420
10	2.5 mm	7.5	C 4 - IC	●	R 10 - R 36		7.2423
with T-groove coupling							
10	2.5 mm	7.5	-	-	R 10 - R 36		7.2421*
10	2.5 mm	7.5	-	●	R 10 - R 36	2.9	7.2424*

*with coupling

Reducing / Extension Pieces

For spirals with T-coupling

Description	negative	positive	kg	No.
Extension piece	16 mm	22 mm	140	7.2461
Reducing piece	22 mm	16 mm	150	7.2460
Extension piece	22 mm	32 mm	320	7.2463
Reducing piece	32 mm	22 mm	330	7.2462

Within limits, tools with larger or smaller lead-ins can also be adapted



Standard Spirals

- For general-purpose cleaning jobs with normal demands and shorter distances.
- Easy to use, even in tight bends or in a succession of pipe bends.



mm	inch	m	Wire size Ø mm	R/K Type	kg	No.
16	5/8"	2.3	3.0	C 8	1.05	7.2431
22	7/8"	4.5	4.5	C 10	3.98	7.2441
32	1.1/4"	4.5	5.0	C 11	6.29	7.2451

SMK-Spirals

With black plastic cores

With Lock Ring



- Temperature resistant and weatherproof
- Spiral will not clog with debris
- Higher stability and twisting resistance



mm	inch	m	Wire size Ø mm	R/K Type	kg	No.
16	5/8"	2.3	3.0	C 8-NIC	1.24	7.2433
22	7/8"	4.5	4.5	C 10-NIC	4.64	7.2442
32	1.1/4"	4.5	5.0	C 11-NIC	7.63	7.2452

S-Spirals

- Higher strength and better torque transmission due to the increased wire thickness, higher tautness and twisting resistance.
- Suitable for demanding work, such as root cutting, grinding out and chain spinning and over longer distances



mm	inch	m	Wire size Ø mm	R/K Type	kg	No.
16	5/8"	2.3	3.5	-	3.00	7.2428
22	7/8"	4.5	5.0	-	4.18	7.2443
32	1.1/4"	4.5	6.0	C 14	6.80	7.2453

S-SMK-Spirals

With red plastic cores

- Same as S-spirals, but with an additional temperature-resistant and weatherproof red plastic core. No clogging of the Spiral with debris
- Intended for extreme cleaning operations in large-diameter pipes, preferably used over long distances and straight sewer or pipe runs.



mm	inch	m	Wire size Ø mm	R/K Type	kg	No.
16	5/8"	2.3	3.5	-	1.30	7.2435
22	7/8"	4.5	5.0	-	4.78	7.2444
32	1.1/4"	4.5	6.0	-	7.85	7.2455

With Lock Ring



Drain Cleaning Spirals

Spiral Sets

5 x 16 mm spiral in basket, 5 x 22 mm spiral in basket
4 x 32 mm spiral in basket



Model	R 550	R 600	R 650	R 750		No.
16 mm Standard	■	■	■	●	1	7.2060
16 mm SMK	■	■	■	●	1	7.2061
16 mm S	■	■	■	●	1	7.2062
16 mm S-SMK	■	■	■	●	1	7.2063
22 mm Standard	-	■	■	■	1	7.2040
22 mm SMK	-	■	■	■	1	7.2041
22 mm S	-	■	■	■	1	7.2042
22 mm S-SMK	-	■	■	■	1	7.2043
32 mm Standard	-	-	-	■	1	7.2530
32 mm SMK	-	-	-	■	1	7.2531
32 mm S	-	-	-	■	1	7.2532
32 mm S-SMK	-	-	-	■	1	7.2533

■ = direct take-up ● = with clutch jaw

Spiral and Tool Sets

Standard Ø 16 mm



Set (No. 7.2945X) includes: Spiral basket 16 mm (No. 7.2110), 5 x 16 mm standard spirals (No. 7.2431), PVC-case (No. 5.5016), straight auger 16 mm (No. 7.2161), bulb auger 16 mm (No. 7.2163), blade cutter 16/25 mm (No. 7.2169), separating pin 16 mm (No. 7.2100), guide glove, left (No. 7.2120), ROWONAL spiral spray (No. 7.2142)

Model	Model		No.
Standard 16 mm	with standard spirals	12.0	7.2945X

Spiral and Tool Sets

Standard Ø 16 / 22 mm



Set (No. 7.2956X) includes: Spiral basket 16 mm (No. 7.2110), 5 x 16 mm standard spirals (No. 7.2431), straight auger 16 mm (No. 7.2161), bulb auger 16 mm (No. 7.2163), blade cutter 16/25 mm (No. 7.2169), separating pin 16 mm (No. 7.2100), spiral basket 22 mm (No. 7.2112), 5 x 22 mm standard spiral (No. 7.2441), PVC-case (No. 5.5016), straight auger 22 mm (No. 7.2221), bulb auger 22 mm (No. 7.2263), funnel auger 22 mm (No. 7.2222), spade head cutter 22/65 mm (No. 7.2261), serrated forked cutter 22/76 mm (No. 7.2250), separating pin 22/32 mm (No. 7.2101), guide glove, left (No. 7.2120), ROWONAL spiral spray (No. 7.2142)

Model	Model		No.
Standard 16-22 mm	with standard spirals	38.0	7.2956X

Spiral and Tool Sets

Standard Ø 22 mm



Set (No. 7.2955X) includes: Spiral basket 22 mm (No. 7.2112), 5 x 22 mm standard spirals (No. 7.2441), PVC-case (No. 5.5016), straight auger 22 mm (No. 7.2221), bulb auger 22 mm (No. 7.2263), funnel auger 22 mm (No. 7.2222), spade head cutter 22/65 mm (No. 7.2261), serrated forked cutter 22/76 mm (No. 7.2250), separating pin 22/32 mm (No. 7.2101), guide glove, left (No. 7.2120), ROWONAL spiral spray (No. 7.2142)

Model	Model		No.
Standard 22 mm	with standard spirals	38.0	7.2955X



You will find pipe and drain cleaning machines on 262 – 269

Drain Cleaning Spirals

With Lock Ring



Spiral and Tool Sets

Standard Ø 32 mm

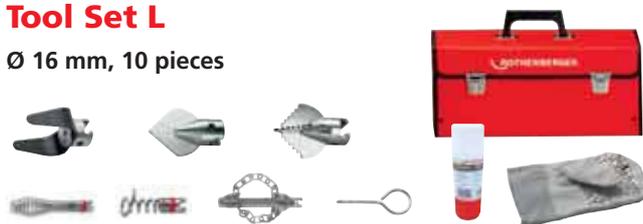


Set (No. 7.2962X) includes: Spiral basket 32 mm (No. 7.2111), 5 x 32 mm standard spirals (No. 7.2451), PVC-case (No. 5.5016), straight auger 32 mm (No. 7.2321), retrieving auger 32 mm (No. 7.2325), funnel auger 32 mm (No. 7.2322), spade head cutter 32/65 mm (No. 7.2360), spiral sawtooth cutter 32/65 mm (No. 7.2329), separating pin 22/32 mm (No. 7.2101), guide glove, left (No. 7.2120), ROWONAL spiral spray (No. 7.2142)

Model	Model	kg	No.
Standard 32 mm	with standard spirals	48.0	7.2962X

Tool Set L

Ø 16 mm, 10 pieces

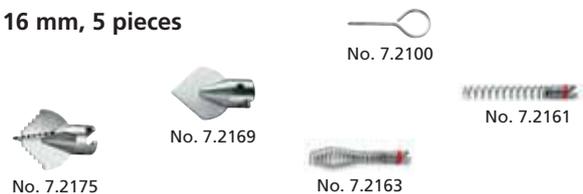


Set (No. 7.2936) includes: PVC- case (No. 5.5016), separating key 16 mm (No. 7.2100), retrieving auger 16 mm (No. 7.2162), bulb auger 16 mm (No. 7.2163), serrated forked cutter 16 mm (No. 7.2164), blade cutter 16/25 mm (No. 7.2169), cross-blade cutter 16/45 mm (No. 7.2177), chain-spinning head 16 mm with 2 smooth chains (No. 7.2185), guide glove, left (No. 7.2120), ROWONAL spiral spray (No. 7.2142)

Model	No.
16 mm Tool set L (R 550, R 600, R 650)	7.2936

Tool Set S

Ø 16 mm, 5 pieces



Set (No. 7.2937) includes: Separating pin 16 mm (No. 7.2100), straight auger 16 mm (No. 7.2161), bulb auger 16 mm (No. 7.2163), blade cutter 16 mm (No. 7.2169), cross-blade cutter 16 mm (No. 7.2175)

Model	No.
16 mm Tool set S (R 550, R 600, R 650)	7.2937

Tool Set L

Ø 22 mm, 11 pieces



Set (No. 7.2938) includes: PVC-case (No. 5.5016), separating key 22 mm (No. 7.2101), retrieving auger 16 mm (No. 7.2203), serrated forked cutter 22 mm (No. 7.2250), spade head cutter 22/65 mm (No. 7.2261), bulb auger 22 mm (No. 7.2263), two-way root cutter 22/65 mm (No. 7.2265), cross-blade cutter 22/65 mm (No. 7.2276), chain-spinning head 22 mm with 2 smooth chains (No. 7.2284), guiding glove, left (No. 7.2120), ROWONAL spiral spray (No. 7.2142)

Model	No.
22 mm Tool set L (R 600, R 650, R 750)	7.2938

Tool Set S

Ø 22 mm, 6 pieces



Set (No. 7.2939) includes: Separating pin 22 mm (No. 7.2101), straight auger 22 mm (No. 7.2221), serrated forked cutter 22 mm (No. 7.2250), spade head cutter 22 mm (No. 7.2261), bulb auger 22 mm (No. 7.2263), cross-blade cutter 22 mm (No. 7.2276)

Model	No.
22 mm Tool set S (R 600, R 650, R 750)	7.2939

Tool Set L

Ø 32 mm, 11 pieces

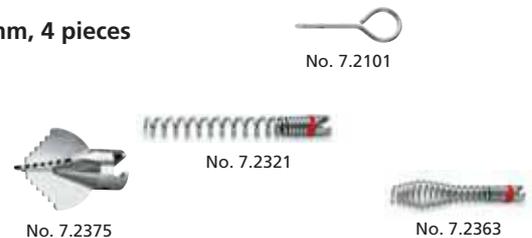


Set (No. 7.2940) includes: PVC-case (No. 5.5016), separating key 22 mm (No. 7.2101), retrieving auger 32 mm (No. 7.2325), serrated forked cutter 32 mm (No. 7.2350), bulb auger 32 mm (No. 7.2363), two-way root cutter 32/90 mm (No. 7.2366), cross-blade cutter 32/45 mm (No. 7.2374), cross-blade cutter 32/90 mm (No. 7.2376), chain-spinning heads 32 mm with 2 chains with spikes (No. 7.2347), guide glove, left (No. 7.2120), ROWONAL spiral spray (No. 7.2142)

Model	No.
32 mm Tool set L (R 750)	7.2940

Tool Set S

Ø 32 mm, 4 pieces



Set (No. 7.2941) includes: Separating key 22 mm (No. 7.2101), straight auger 32 mm (No. 7.2321), bulb auger 32 mm (No. 7.2363), cross-blade cutter 32 mm (No. 7.2375)

Model	No.
32 mm Tool set S (R 750)	7.2941

With Lock Ring



Examples of use

Tool expertise from ROTHENBERGER

Application areas for ROTHENBERGER high-performance drain cleaning tools with T-groove secure couplings.

Suitable for all ROTHENBERGER drain cleaning spirals with:

- Ø 16 mm - 5/8"
- Ø 22 mm - 7/8"
- Ø 32 mm - 1.1/4"

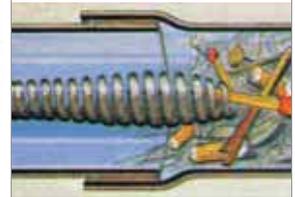
See the following pages for more information on professional tools in various versions and dimensions for loosening obstructions and cleaning drains

Bulb Auger

278



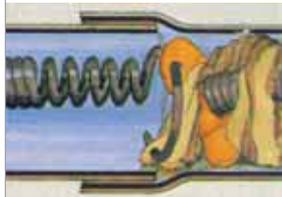
The most common tool for cleaning pipes and drains with tight or multiple bends



Retrieving Auger

278

Special tool for retrieving objects from the pipe, e.g. textiles, spirals or tools

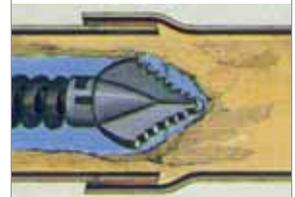


Cross-blade Cutter, serrated

279



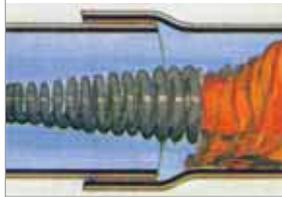
Special tool for opening up solidified pipe obstructions



Funnel Auger

278

Tool for removing, opening or retrieving obstructions caused by, e.g. textiles

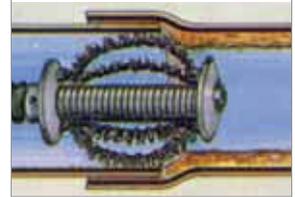


Chain-spinning Head with Spikes

280



For concrete, cast iron and ceramic pipes. Intensive action. Without rings = for tight pipe bends, with 3 chains



Spade Head Cutter

279

Ideally suited for slit or sludge deposits in pipes, and as a follow-up tool



Carbide-tipped Cutters

281



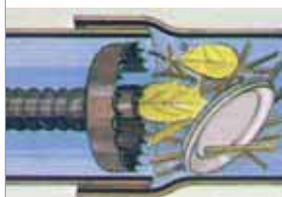
This carbide-tipped tool is used to remove the hardest obstructions such as cement, urine and water scale, etc.



Spiral Sawtooth Cutter

279

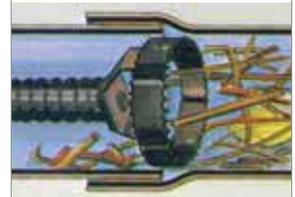
Special tool for chopping up small roots and other material that have become caught in the pipe



Two-way Root Cutter

281

Special tool for cutting roots in both directions. Also suitable for solid materials



Drain Cleaning Tools

With Lock Ring



Bulb Auger, long

- With the longer, more flexible range the bulb auger is considerably more flexible in curves. Pipe from Ø 50 mm



Coupling mm / inch	 mm	 mm	Working range mm	 g	No.
16 / 5/8"	28	500	40 - 75	220	7.2158
22 / 7/8"	40	500	50 - 100	464	7.2208
32 / 1.1/4"	50	500	75 - 250	818	7.2323

Bulb Auger, short

- Specially designed for small pipes and drains with multiple bends
- Standard, highly flexible tool for clearing light textile and paper obstructions



Coupling mm / inch	 mm	 mm	Working range mm	 g	No.
16 / 5/8"	28	115	40 - 75	70	7.2163
22 / 7/8"	40	180	50 - 100	220	7.2263
32 / 1.1/4"	50	220	75 - 250	490	7.2363

Straight Auger

- Standard tool for establishing the nature of an obstruction
- For removing samples to determine a suitable clearing tool
- For piercing or drilling through obstructions caused by textiles, paper, cellulose materials, kitchen refuse, etc.



Coupling mm / inch	 mm	 mm	Working range mm	 g	No.
16 / 5/8"	16	110	25 - 75	60	7.2161
22 / 7/8"	22	210	50 - 100	170	7.2221
32 / 1.1/4"	32	220	75 - 250	350	7.2321

Funnel Auger

- For removing or opening up obstructions caused by textiles or paper
- Large grasping ability can also be used to retrieve spirals from drains



Coupling mm / inch	 mm	 mm	Working range mm	 g	No.
16 / 5/8"	32	110	50 - 100	80	7.2165
22 / 7/8"	55	185	110 - 150	280	7.2222
32 / 1.1/4"	60	195	100 - 250	500	7.2322

Retrieving Auger

- Special tool designed with a claw for retrieving textiles, tools, spirals, etc.



Coupling mm / inch	 mm	 mm	Working range mm	 g	No.
16 / 5/8"	35	55	50 - 75	35	7.2162
22 / 7/8"	45	100	75 - 150	110	7.2203
32 / 1.1/4"	65	125	75 - 250	240	7.2325

Chalice Auger

- Specially suited for downpipes and accumulations of paper and textiles



Coupling mm / inch	 mm	 mm	Working range mm	 g	No.
22 / 7/8"	45	150	110 - 150	316	7.2206
32 / 1.1/4"	55	165	100 - 250	514	7.2320

Drop-head Auger

- Ideal for particularly tight pipe bends, branches and small-diameter drain downpipes



Coupling mm / inch	 mm	 mm	Working range mm	 g	No.
16 / 5/8"	24	83	40 - 75	60	7.2159
22 / 7/8"	37	125	60 - 100	180	7.2264

8



Four-blade Cutter

- For cutting through and removing tough obstructions
- For the removal of sludge deposits
- Ideal with S-spirals

Coupling mm / inch	 mm	 mm	Working range mm	 g	No.
16 / 5/8"	40	40	50 - 75	30	7.2154
16 / 5/8"	30	40	40 - 75	20	7.2164

Hardened spring steel blades



No. 7.2164



No. 7.2154

Grease Cutter

Coupling mm / inch	 mm	 mm	Working range mm	 g	No.
16 / 5/8"	25	35	40 - 75	30	7.2169
16 / 5/8"	35	45	50 - 75	40	7.2170
16 / 5/8"	45	56	60 - 100	50	7.2171
22 / 7/8"	45	60	60 - 125	80	7.2234



- Standard tool for removing grease and other soft deposits, e.g. soap accumulations

Spade Head Cutter

Coupling mm / inch	 mm	 mm	Working range mm	 g	No.
22 / 7/8"	65	65	100 - 150	150	7.2261
32 / 1.1/4"	65	70	100 - 150	250	7.2360
32 / 1.1/4"	90	100	150 - 200	280	7.2361



- Curved special tool for silt and sludge deposits

Spiral Sawtooth Cutter

- Special tool for chopping up small roots, branches and other materials

Coupling mm / inch	 mm	 mm	Working range mm	 g	No.
16 / 5/8"	35	25	50 - 75	40	7.2166
22 / 7/8"	45	40	75 - 100	100	7.2229
32 / 1.1/4"	65	55	75 - 100	210	7.2329



Cross-blade Cutter, serrated

- Powerful combination tool for grinding up and removing solidified obstructions
- For coarse removal of incrustations
- As preparatory tool for chain spinning

- Used for textile or sludge obstructions
- Hardened, break-proof, spring steel blades
- Recommended for use with S or SMK spirals

Coupling mm / inch	 mm	 mm	Working range mm	 g	No.
16 / 5/8"	25	35	40 - 75	30	7.2175
16 / 5/8"	35	45	50 - 75	40	7.2176
16 / 5/8"	45	56	75 - 100	65	7.2177
16 / 5/8"	55	60	100 - 125	80	7.2178
22 / 7/8"	45	60	70 - 100	90	7.2275
22 / 7/8"	65	60	100 - 150	190	7.2276
22 / 7/8"	75	80	100 - 150	220	7.2277
32 / 1.1/4"	45	60	70 - 105	140	7.2374
32 / 1.1/4"	65	70	100 - 150	260	7.2375
32 / 1.1/4"	90	100	125 - 200	490	7.2376
32 / 1.1/4"	115	120	150 - 250	640	7.2377



Drain Cleaning Tools



No. 7.2284

Improved mobility



No. 7.2187

Chain-spinning Heads

Without ring, with smooth chain

Product Profile

KEY FEATURES

- For cleaning greasy and incrustated pipes
- Surface-preserving cleaning of ceramic and plastic pipes
- Without ring: improved manoeuvrability in bends

Chain-spinning Heads without ring and without spikes

Coupling mm / inch	 mm	 mm	Working range mm	 g	No.
Without ring, with 2 chains					
16 / 5/8"	30	105	50 - 125	120	7.2185F
16 / 5/8"	30	155	50 - 125	160	7.2185
22 / 7/8"	50	170	70 - 130	530	7.2284
Without ring, with 4 chains					
16 / 5/8"	40	155	60 - 125	270	7.2187
22 / 7/8"	60	170	80 - 130	710	7.2289



No. 7.2182

Better alignment in horizontal pipe position



No. 7.2278

For better curve manoeuvrability



No. 7.2188

Chain-spinning Heads with Spikes

Product Profile

KEY FEATURES

- Intensive cleaning action
- Ideal for concrete and cast iron pipes
- Reduces the risk of renewed obstructions
- **With ring:**
for better centering in horizontal pipe runs
- **Without ring:**
Improved mobility in bends

Ideal for final cleaning

Chain-spinning Heads with ring and spikes

Coupling mm / inch	 mm	 mm	Working range mm	 g	No.
16 / 5/8"	30	160	50 - 125	320	7.2182
22 / 7/8"	65	170	80 - 100	1060	7.2285
22 / 7/8"	75	170	90 - 125	1110	7.2286
32 / 1.1/4"	75	220	90 - 125	1700	7.2341

Without ring, with 2 or 4 chains and spikes

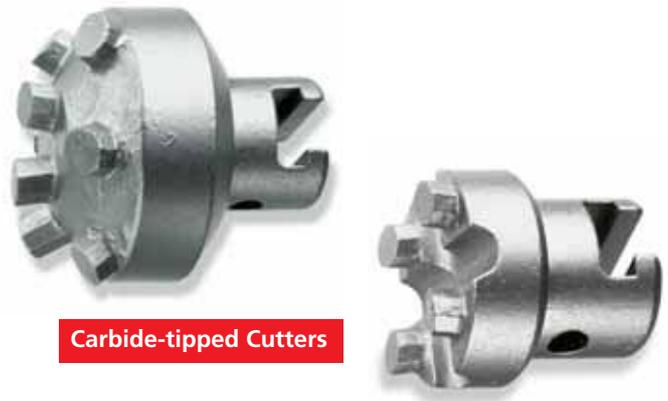
Coupling mm / inch	 mm	 mm	Working range mm	 g	No.
Without ring, with 2 chains					
16 / 5/8"	30	155	50 - 125	160	7.2186
22 / 7/8"	50	170	70 - 130	860	7.2278
32 / 1.1/4"	70	220	90 - 140	1350	7.2347
Without ring, with 4 chains					
16 / 5/8"	40	155	50 - 125	280	7.2188
22 / 7/8"	60	170	75 - 130	880	7.2299
32 / 1.1/4"	80	220	100 - 200	1460	7.2348

Carbide-tipped Cutters

Product Profile

KEY FEATURES

- Carbide-tipped blades: For hardest obstructions and incrustations such as cement deposits, urine and water scale and other hard deposits
- Carbide-tipped blades durably mounted to the tool body, for long service life
- Recommended for use with S or SMK spirals
Bevelled lead-ins on the spiral couplings



Carbide-tipped Cutters

Coupling mm / inch	 mm	Shape	working range mm	 g	No.
16 / 5/8"	25	straight	35 - 50	70	7.2191
16 / 5/8"	30	straight	50 - 75	80	7.2193
22 / 7/8"	30	straight	50 - 75	90	7.2291

Coupling mm / inch	 mm	 mm	Shape	working range mm	 g	No.
16 / 5/8"	25	straight	35 - 50	70	7.2191	
16 / 5/8"	30	straight	50 - 75	80	7.2193	

Serrated Forked Cutter

Product Profile

KEY FEATURES

- Universal, multi-purpose tool
- Particularly suitable for sludge deposits and roots
- Hardened spring steel cutter with teeth on both sides, long service life
- Replaceable blades

Coupling mm / inch	 mm	 mm	Working range mm	 g	No.
22 / 7/8"	76	100	100 - 150	230	7.2250
22 / 7/8"	100	100	125 - 150		7.2251
32 / 1.1/4"	76	100	120 - 200	260	7.2350
32 / 1.1/4"	100	100	125 - 200		7.2351
Spare blade	76	-	-	90	7.2258
Spare blade	100	-	-	120	7.2259



No. 7.2250

No. 7.2350

Two-way Root Cutter

Product Profile

KEY FEATURES

- For chopping up roots and solid materials in both directions
- Hardened spring steel cutter with teeth on both sides, long service life
- Recommended for use with S or SMK spirals

Coupling mm / inch	 mm	 mm	Working range mm	 g	No.
22 / 7/8"	65	80	75 - 100	250	7.2265
22 / 7/8"	90	85	125 - 200	290	7.2266
32 / 1.1/4"	65	80	70 - 100	290	7.2365
32 / 1.1/4"	90	90	125 - 200	330	7.2366

Replaceable blades



No. 7.2367

No. 7.2266

Coupling mm / inch	 mm	 mm	Working range mm	 g	No.
32 / 1.1/4"	150	130	200 - 300	550	7.2367
Spare cutter	65	-	-	120	7.2270
Spare cutter	90	-	-	150	7.2271
Spare cutter	150	-	-	350	7.2272



Drain Cleaning Tools

Ball Head Cutter

4 blade, up to 32/75 mm



- Perfectly suited for use in pipes with hard incrustations such as lime, urine scale, etc.
- Suitable for downpipes, its round shape ensures excellent curve mobility even at 90°

Coupling mm / inch	Ø mm	g	No.
16 / 5/8"	25	42	7.2168
16 / 5/8"	35	80	7.2172
16 / 5/8"	55	144	7.2173
22 / 7/8"	35	126	7.2207
22 / 7/8"	55	198	7.2223
22 / 7/8"	75	438	7.2224
22 / 7/8"	95	634	7.2226
32 / 1.1/4"	55	228	7.2324
32 / 1.1/4"	75	468	7.2326

Ball Head Cutter

8 blade, up to 32/115 mm



No. 7.2227



No. 7.2327

- Perfectly suited for use in pipes with hard incrustations such as lime, urine scale, etc.
- Suitable for downpipes, its round shape ensures excellent curve mobility even at 90°

**Excellent curve mobility
even at 90°**

Coupling mm / inch	Ø mm	g	No.
22 / 7/8"	90	1025	7.2227
22 / 7/8"	115	1225	7.2228
32 / 1.1/4"	95	1108	7.2327
32 / 1.1/4"	115	1256	7.2328



Expansion Cutter

Up to 32/250 mm



- For removal of material and fibrous roots that are adhering to the inside of the pipe

Coupling mm / inch	Ø mm	g	No.
22 / 7/8"	100	576	7.2230
22 / 7/8"	125	600	7.2233
22 / 7/8"	150	628	7.2242
22 / 7/8"	200	642	7.2244
22 / 7/8"	250	650	7.2249
32 / 1.1/4"	100	624	7.2331
32 / 1.1/4"	125	646	7.2332
32 / 1.1/4"	150	676	7.2333
32 / 1.1/4"	200	692	7.2335
32 / 1.1/4"	250	698	7.2336

High-Pressure Drain Cleaning

High-Pressure Drain Cleaner

Soiled pipes are flushed using the high-pressure system with up to 200 bar. At the start of cleaning, a cleaning hose is introduced into the pipe. Water is then flushed through the pipe at a pressure dependant on the level of soiling - until the pipe is completely clean. For the removal of the obstructions and possible deposits there are a number of different nozzles that can be used eg. quattro 3-sided nozzle, the rotating nozzle or the grenade nozzle. Working with these special cleaning nozzles, in addition to water pressure, enables a quiet, quick and precise procedure.

Even the hardest incrustations are loosened and flushed away – without the need for chemicals. By controlling the high-pressure unit with the remote control, the operator can continue working without any interruption.

High-pressure cleaning is an efficient and cost-effective solution for obstructions in ground pipes, for soil and rain water as well as for pipes that transport grease, and for the removal of roots. This method is therefore used for land drainage, gutters, courtyard drainage, rainwater downpipes, rainwater canals, etc.



Efficient and cost-effective solution for obstructions in ground pipes!

8



HD 19/180B from the HD series



ROJET 30/130 from the ROJET-series



ROJET 40/100 from the ROJET-series



High-Pressure Drain Cleaning Machines

High-Pressure Drain Cleaner

High-quality professional unit
 Ø 40 – 200 mm working range

Product Profile

KEY FEATURES

- Wide range of high-pressure cleaners for professional use. High-quality components and an optimum ratio between power density and operating pressure guarantees reliable operation and effective cleaning
- For cleaning pipes, drains, rainwater downpipes, domestic connections, cleaning work in sewers as well as surface cleaning of vehicles, machines, buildings and floor tiles
- High-performance, self-priming compact unit

TECHNICAL DATA

Continuous pressure regulation:

Pump with 3 ceramic plungers running in an oil bath, run-dry protection, stainless steel valves, brass pump housing, leakage return flow, pressure gauge with bar/psi scale, self priming up to 2 m

With integrated suction injector (all versions):

External supply of cleaning agents

High operational safety: No damage to the high-pressure seal

HD 11 / 90 for pipe: Ø 40 - 150 mm, max. 20 m

HD 13 / 100 for pipe: Ø 40 - 150 mm, max. 20 m

HD 17 / 190 for pipe: Ø 40 - 200 mm, max. 40 m

HD 19 / 180B for pipe: Ø 40 - 150 mm, max. 40 m

HD 11/90

Self-priming compact unit from
 Ø 40 – 150 mm up to 20 m length



Ø 150 mm



HD 13/100

100 bar high-pressure pipe
 cleaning unit with hose reel



Ø 150 mm



Product Profile

KEY FEATURES

- Compact and portable unit
- Ideal for fast operation in small pipe dimensions
- AC supplied, self-priming up to 2 m

TECHNICAL DATA:

Max. operating pressure: 90 bar
Electric motor: AC supply
Pump delivery: 11 l/min
Rating: 1.5 kW
Max. working length: 20 m
Speed: 1400 min⁻¹

Product Profile

KEY FEATURES

- Integrated hanger for cleaning lance
- Air-filled transport wheels, easy to navigate stairs
- AC supplied, self-priming up to 2 m

TECHNICAL DATA:

Max. operating pressure: 100 bar
Electric motor: AC supply
Pump delivery: 13 l/min
Rating: 2.3 kW
Max. working length: 20 m
Speed: 1400 min⁻¹

Scope of delivery: HD 11 / 90 (No. 7.6008), 10 m special high-pressure hose with couplings (No. 7.2810) and pipe cleaning nozzle (No. 7.6053)

Model 230 V / 50 Hz

High-pressure pipe cleaning unit HD 11/90 29.5 **7.6008**

Scope of delivery: HD 13 / 100 (No. 7.6020), hose reel with 20 m special high-pressure hose (No. 7.2812) with couplings and pipe cleaning nozzle (No. 7.6089)

Model 230 V / 50 Hz

High-pressure pipe cleaning unit HD 13/100 45.0 **7.6020**



Accessories for High-Pressure Drain Cleaning Machines

HD 17/190

190 bar high-pressure cleaner with three-phase motor



Ø 200 mm



Product Profile

KEY FEATURES

- Three-phase motor, self-priming up to 2 m
- Air-filled transport wheels, easy to navigate stairs
- Integrated hanger for cleaning lance

TECHNICAL DATA:

Max. operating pressure: 190 bar **Electric motor:** Three phase
Pump delivery: 17 l/min **Rating:** 5.0 kW
Max. working length: 40 m **Speed:** 2800 min⁻¹

Scope of delivery: HD 17 / 190 (No. 7.6070), hose reel with 40 m special high-pressure hose DN 8 with couplings (No. 7.2820) and pipe cleaning nozzle (No. 7.6089)

Model	kg	400 V/50 Hz
High-pressure pipe cleaning unit HD 17/190	50.0	7.6070

HD 19/180 B

180 bar high-pressure cleaner with petrol motor

Ø 200 mm



Petrol engine

Product Profile

KEY FEATURES

- Works with fuel, no voltage needed, self-priming up to 2 m
- Air-filled transport wheels, easy to navigate stairs
- Integrated hanger for cleaning lance

TECHNICAL DATA:

Max. operating pressure: 190 bar **Electric motor:** Three phase
Pump delivery: 19 l/min **Speed:** 1800 min⁻¹
Max. working length: 40 m **Petrol engine:** Honda
Tank capacity: 6.5 l **Consumption:** 3.2 l/h

Scope of delivery: HD 19 / 180B (No. 7.6090), hose reel with 40 m special high-pressure hose DN 8 with couplings (No. 7.2820) and pipe cleaning nozzle (No. 7.6053)

Model	kg	No.
High-pressure pipe cleaning unit HD 19/180 B	78.5	7.6090

Accessories HD 11/90



Description	kg	No.
Flexible, high-pressure hose with R 1/4" coupling, DN 6		
Length 10 m	2.50	7.2810
Length 20 m	4.50	7.2812
Pipe cleaning nozzle. R1/4", stainless steel	0.04	7.6053
excl. forward jet spray, 4 holes, Ø 25 x 22 mm		
incl. forward jet spray, 5 holes, Ø 25 x 22 mm	0.04	7.6063
Rotary nozzle 45°, 4 holes, Ø 16 x 30 mm	0.08	7.7503
Cleaning lance with wide-angle nozzle for surface cleaning	1.30	7.6073
Spare wide-angle nozzle	0.01	7.6082
Injector suction pipe for cleaning agent, only for use with cleaning lance, length 1.2 m	0.05	7.6067
Water suction hose, for intake from containers, length 3.0 m	0.20	7.6066

Accessories HD 13/100 – 17/190 – 19/180 B



Description	kg	No.
Flexible, high-pressure hose with R 1/4", Length 10 m, DN 6 (HD 13/100, HD 17/190)	2.50	7.2810
Length 20 m, DN 6 (HD 13/100, HD 17/190)	4.50	7.2812
Length 40 m, DN 8 (HD 17/190, HD 19/180 B)	10.70	7.2820
Pipe cleaning nozzles R1/4", stainless steel	0.04	7.6089
excl. forward jet spray, 4 holes, Ø 25 x 22 mm		
incl. forward jet spray, 5 holes, Ø 25 x 22 mm	0.04	7.6065
Rotary nozzle 45°, 4 holes, Ø 16 x 30 mm	0.08	7.7506
Cleaning lance with wide-angle nozzle for surface cleaning	1.30	7.6068
Spare wide-angle nozzle	0.01	7.6088
Injector suction pipe for cleaning agent, only for use with cleaning lance, length 1.2 m	0.05	7.6067
Water suction hose, length 3.0 m for intake from containers	0.20	7.6066



ROJET High-Pressure Drain Cleaning Machines

ROJET High-Pressure Cleaning Units

Professional cleaning units

Innovative cleaning technology that is established on the market. User-friendly construction with an optimum ratio between power

density and operational pressure for the best cleaning results. Available in many variations and versions.

Product Profile

KEY FEATURES

- **Suitable for mounting in or on different vehicle types**
Free vehicle choice
- **Prevents the pump from over speeding**
Speed limiting
- **Drain cleaning for pipe diameters from 40 mm**
Mobile hose reel for small pipe diameters available
Speed: 1400 min⁻¹
- **Independent operation from vehicle engine.**
Low maintenance costs and service times
Separate engine, no auxiliary drive required

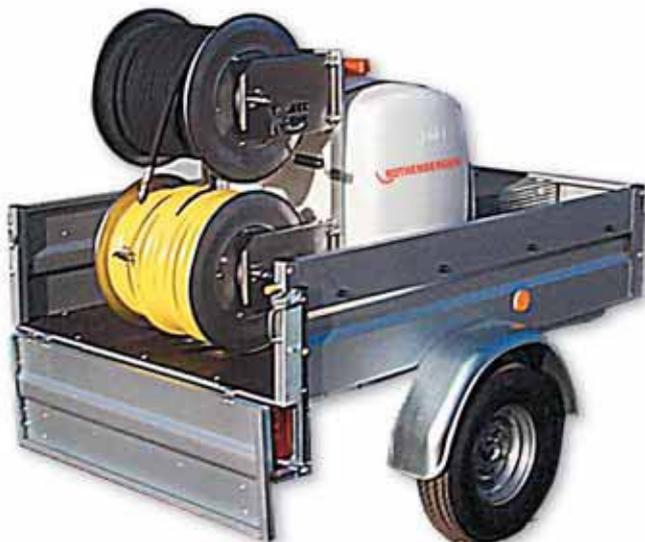
KEY FEATURES

- **Container design**
ROJET can be installed in different vehicles at any time
- **High service level**
12-month warranty on motor, pump and hydraulics, guaranteed spare parts service due to series production. Clear differentiation of guarantees for cleaning unit and vehicle manufacturer.
- **Low maintenance, long service life of motor, pump and hydraulics**
High-quality design, solid construction
- **Permits the use of a lance**
E.g. for cleaning surfaces, exterior walls, courtyards, vehicles, etc.
Built-in pressure selection valve

ROJET 30/130

High-pressure cleaning unit for pipes from Ø 40 - 200 mm

Less maintenance costs through the drive assembly and the clear differentiation of guarantees for cleaning unit and vehicle manufacturer.



Product Profile

TECHNICAL DATA

Motor:	Tough, 4-stroke petrol engine, 1 cylinder air-cooled E-Start, rating 9.5 KW (13 HP), normal petrol
Starter battery:	12 Volt, 36 Ah
High-pressure pump:	3-plunger pump, delivery 30 l/min - 130 bar
Water tank:	Plastic, contains 200 litre
High-pressure reel:	Stainless steel reel, rotatable water coupling, manual operation
Filling reel:	Stainless steel reel, rotatable water coupling, manual operation
High-pressure hose:	DN 12, length 50 m (R 1/2" coupling)
Filling hose:	DN 19, length 50 m (R 1/2" coupling)
Included in delivery:	High-performance nozzle 1/2"
Trailer:	Break-free box trailer
Covering:	Tarpaulin and frame, height 800 mm
Overall-dimensions:	2.520 x 1.480 x 1.700 mm (L x W x H)
Gross vehicle weight:	550 kg
Included in delivery:	1 parking stand

Model	kg	No.
ROJET 30/130 basic unit without trailer	200	7.6301
ROJET 30/130 basic unit with trailer	290	7.6300
Nozzle set 30 / 130	6,5	7.6303
Includes: Nozzle holder (No. 7.6309), standard nozzle with forward jetting (No. 7.7601), grenade nozzle (No. 7.7631), rotary nozzle (No. 7.7621), flat nozzle (No. 7.7641), 3-sided Quattro nozzle (No. 7.7611)		
For other extras/optional equipment, please see the table on 289-293		

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ROJET High-Pressure Drain Cleaning Machines

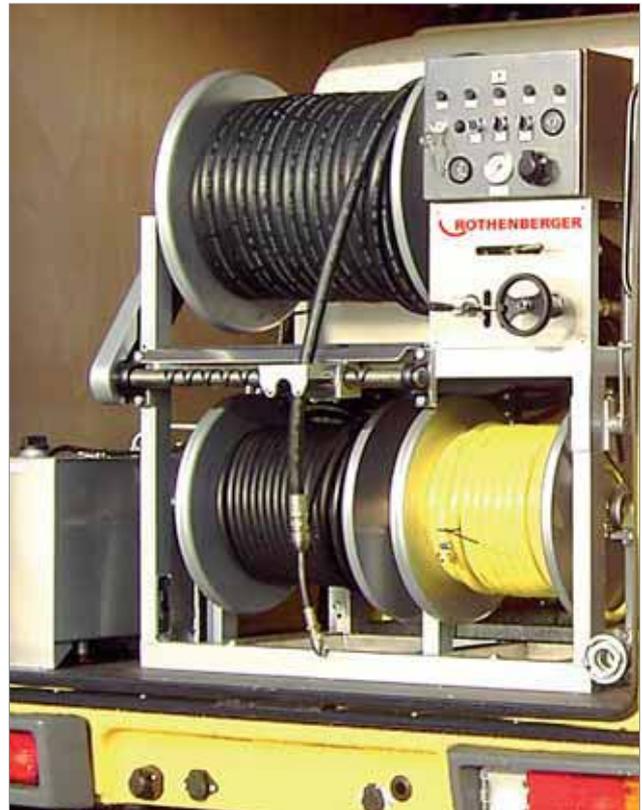
ROJET 40/100

High-pressure cleaning unit for pipes
Ø 40 - 200 mm



ROJET 130/160

High-pressure drain cleaning unit for
professional use



Product Profile

TECHNICAL DATA

Main frame:	Profiled steel, hot-galvanised
Engine:	4-stroke petrol engine, 1 cylinder air cooled, electric starter, automatic speed control rating 9.5kw (13HP) Normal fuel
Pump:	3-plunger type, delivery 40l/min at 100 bar,
Starter battery:	12 Volt, 36 Ah
Water tank:	Plastic, 200 l
Fuel tank:	6 litre
High-pressure reel:	Handwheel, hinge
High-pressure hose:	DN 12, length 50 m, coupling R1/2"
Dimensions:	1.200 x 1.000 x 700 mm (L x w x H)
Equipment:	Water filter, glycerine pressure gauge, pressure switch valve, safety valve, standard nozzle, anti-freeze suction

Product Profile

TECHNICAL DATA

Main frame:	Profiled steel, hot-galvanised, partially coated
Motor:	Diesel engine, 4-cylinder, water cooled, turbocharger, automatic speed control, rating 42 kW
Pump:	3-plunger pump, delivery 128 l / min at 160 bar, Starter battery: 12 Volt, 36 Ah
Large High-pressure reel:	Hydraulic drive, continuously adjustable with HD hose DN 19, length 80 meters
Small High-pressure reel:	Hydraulic drive, continuously adjustable with HD hose DN 12, length 80 meters
Filling reel:	Manual operation, with filling hose DN19, length 50 meters
Water tank:	Plastic, 800 l. Other sizes available
Fuel tank:	Capacity 27 litre
Dimensions:	2.000 x 1.400 x 1.360 mm (L x W x H). Suitable for the Mercedes Sprinter and similar vehicles
Weight:	approx. 900 kg
Equipment:	Run-dry protection, water filter, water level indicator, glycerine pressure gauge,

Model	kg	No.
ROJET 40/100	200	7.6100
Nozzle set 40/100	6.5	7.6304
includes: nozzle holder (No. 7.6309), standard nozzle with forward jetting (No. 7.7602), grenade nozzle (No. 7.7632), rotary nozzle (No. 7.7622), flat nozzle (No. 7.7642), 3-sided Quattro nozzle (No. 7.7612)		
For other extras/optional equipment, please see the table on 289-293		

Model	kg	No.
ROJET 130/160	900	7.6485
For other extras/optional equipment, please see the table on 289-293		



ROJET High-Pressure Drain Cleaning Machines

ROJET 50/120 – 60/140 – 85/160 – 100/160 – 100/200 Basic and Comfort

Product Profile

KEY FEATURES

- **Maintenance friendly, long service life of motor, pump and hydraulics**
High-quality design, solid construction
- **Use with cleaning lance**
E.g. for cleaning surfaces, exterior walls, courtyards, vehicles, etc. Built-in pressure selection valve
- 5 different performance versions
- Individual drive unit
- Galvanised main frame
- Easy to use
- Cost-saving building block system

TECHNICAL DATA

Main frame:	Profiled steel, hot-galvanised, partially coated reel supports, fitted
Motor:	Petrol engine 15 KW / 17 KW, diesel engine 37 KW / 42 KW, E-Start, automatic speed control
Pump:	3-plunger pump, delivery 50-100 l/min at 120-200 bar
Starter battery:	12 Volt / 36 Ah
High-pressure reel:	Hydraulic reel gear

TECHNICAL DATA

High-pressure hose:	50/120 - 85/160 DN 12, length: 80 m, 100/150 and 100/200 DN 16, length: 80 m
Filling reel:	Manual and hydraulic (optional)
Filling hose:	DN 19, length: 50 m
Water tank:	Plastic, ROJET 50/120 and 60/140, capacity 400 litres, ROJET 85/160 - 100/200, capacity 800 litres, other sizes available
Equipment:	Run-dry protection, instrument panel with ignition switch, operating hours counter, fuel gauge and engine control lamps. water level indicator with acoustic signal, automatic diesel level indicator, manual hose guide, water filter with cut-off cock, safety valve with unloader function 3-way pressure selector tap, glycerine pressure gauge, cover of the drive unit is made of aluminium-corrugated sheet metal continuous speed and pressure adjustment, additional filling possibilities using C-coupling, water level indicator over plexi-glass tube, 1 standard nozzle.



Model	kg	No.
ROJET 50/120 Basic	900	7.6540
ROJET 60/140 Basic	900	7.6541
ROJET 85/160 Basic	900	7.6542
ROJET 100/160 Basic	900	7.6543
ROJET 100/200 Basic	900	7.6544

Model	kg	No.
ROJET 50/120 Comfort	900	7.6320
ROJET 60/140 Comfort	900	7.6321
ROJET 85/160 Comfort	900	7.6322
ROJET 100/160 Comfort	900	7.6323
ROJET 100/200 Comfort	900	7.6324

8



ROJET High-Pressure Drain Cleaning Machines



Remote control and other optional equipment is available, please see table below



No. 7.6302



No. 7.6200

ROJET

Optional equipment

ROJET		30/130	40/100	50/120	60/140 100/150 100/200	85/160	130/160
	No.						
Water tank							
400 litres		n/a	●	S	S	F	n/a
800 litres	7.6220	n/a	●	●**	●	S	S
1.000 litres	7.6221	n/a	●	●**	●	●	●
2 x 800 litres	7.6222	n/a	●	●**	●	●	●
2 x 1.000 litres	7.6223	n/a	●	●**	●	●	●
Remote control							
Cable, 3-functions	7.6226	n/a	n/a	●	●	●	●
Radio, 3-functions	7.6302	n/a	n/a	●	●	●	●
Cable, Radio	7.6331	n/a	n/a	●	●	●	●
Working spot lights							
Base frame	7.6232	n/a	n/a	●	●	●	●
Base frame:	Necessary when wheelhouse distance is less than 1.2 meters						
Aluminium floor							
Autom. filling stop	7.6210	n/a	●	●	●	●	●
Autom. hose guide		n/a	n/a	n/a	n/a	n/a	●*

Explanation: n/a = not applicable, ● = additional charge, S = standard, F = possible without additional charge

* Only for large hose reels

** Only for ROJET 50/120 long version (Type L)



ROJET High-Pressure Pipe & Drain Cleaning Nozzles

Standard Nozzle

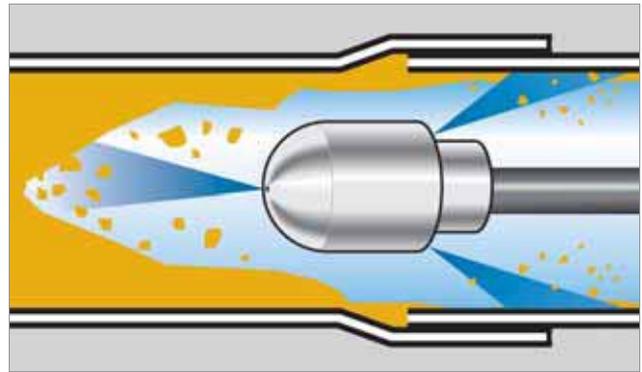
Made of VA steel

Suitable for the removal of obstructions or for flushing pipes and drains

All-purpose standard nozzle:
versatile – flexible – hard-working



No. 7.7601



Description	Coupling	Ø x L mm	kg	No.
For ROJET 30/130	R 1/2"	30 x 50	0.12	7.6135
For ROJET 40/100	R 1/2"	30 x 50	0.12	7.6141
For ROJET 50/120	R 1/2"	30 x 50	0.12	7.6137
For ROJET 60/140	R 1/2"	30 x 50	0.12	7.7606
For ROJET 85/160	R 1/2"	30 x 50	0.12	7.6152
For ROJET 100/150	R 1/2"	30 x 50	0.12	7.6140
For ROJET 100/200	R 1/2"	30 x 50	0.12	7.6144
For ROJET 130/150	R 1/2"	30 x 50	0.12	7.6488
For ROJET 130/150	R 3/4"	40 x 60	0.12	7.6406

Quattro 3-sided Nozzle

Made of VA steel



No. 7.7613

Support the quick removal of tough obstructions through ripping, cutting and drilling. Additionally, it can be used in cleaning away pipe pressing residues

- Nozzle with 3-sided point
- With 4 forward-facing high-pressure jets. (M5 grub screws)

Description	Coupling	Ø x L mm	kg	No.
For ROJET 30/130	R 1/2"	30 x 50	0.11	7.7611
For ROJET 40/100	R 1/2"	30 x 50	0.11	7.7612
For ROJET 50/120	R 1/2"	30 x 50	0.11	7.7613
For ROJET 60/140	R 1/2"	30 x 50	0.11	7.7616
For ROJET 85/160	R 1/2"	30 x 50	0.11	7.7614
For ROJET 100/150	R 1/2"	30 x 50	0.11	7.7565
For ROJET 100/200	R 1/2"	30 x 50	0.11	7.7530
For ROJET 130/150	R 1/2"	30 x 50	0.11	7.6489
For ROJET 130/150	R 3/4"	40 x 70	0.11	7.6410

Rotating Nozzle

Made of VA steel



No. 7.7625

High-performance rotating nozzle that is especially suited for use in greasy pipes, for all-round cleaning before TV camera inspection for the removal of light deposits and roots.

It is also often used for basic cleaning before reconditioning.

- 4 different jet angles
(propulsion part 25° / pipe 90°, 75° and 60°)
- All-round use
- Guarantees maximum cleaning performance

Description	Coupling	Ø x L mm	kg	No.
For ROJET 40/100	R 1/2"	30 x 50	0.55	7.7622
For ROJET 50/120	R 1/2"	30 x 50	0.55	7.7623
For ROJET 30/130	R 1/2"	30 x 50	0.55	7.7621
For ROJET 60/140	R 1/2"	30 x 50	0.55	7.7626
For ROJET 85/160	R 1/2"	30 x 50	0.55	7.7624
For ROJET 100/150	R 1/2"	30 x 50	0.55	7.7566
For ROJET 130/150	R 1/2"	30 x 50	0.55	7.6492
For ROJET 130/150	R 3/4"	40 x 110	0.55	7.6427

ROJET High-Pressure Pipe & Drain Cleaning Nozzles

Grenade Nozzle with Traction Jet

Made of VA steel

Cleaning nozzle with a high cleaning efficiency for professional use in drains with a maximum diameter of 300 mm.

- Optimised water flow, flexible, with high power traction
- 2 different jet angles (M8 grub screws)

Description	Coupling	Ø x L mm	kg	No.
For ROJET 30/130	R 1/2"	60 x 95	0.136	7.7631
For ROJET 40/100	R 1/2"	60 x 95	0.136	7.7632
For ROJET 50/120	R 1/2"	60 x 95	0.136	7.7633
For ROJET 60/140	R 1/2"	60 x 95	0.136	7.7636
For ROJET 85/160	R 1/2"	60 x 95	0.136	7.7634
For ROJET 100/200	R 1/2"	60 x 95	0.136	7.6172
For ROJET 130/150	R 1/2"	60 x 95	0.136	7.6490
For ROJET 85/160	R 3/4" - R 1/2"	70 x 105	0.136	7.6193
For ROJET 100/150	R 3/4" - R 1/2"	70 x 105	0.136	7.6194
For ROJET 100/200	R 3/4" - R 1/2"	70 x 105	0.136	7.6179
For ROJET 130/150	R 3/4" - R 1/2"	70 x 105	0.136	7.6416



No. 7.7602

Flat Nozzle

Made of VA steel

The wedged-shaped flat nozzles main purpose is for bottom cleaning and the removal of sand and debris. Furthermore, the flat nozzle is excellent for negotiating large passages and transporting heavy residue.

- Utmost traction, light jetting effect (approx. 2")
- Demonstrative cleaning performance
- Optimum nozzle alignment (M 6 grub screws)

Description	Coupling	Ø x L mm	kg	No.
For ROJET 30/130	R 1/2"	70 x 120	2.95	7.6170
For ROJET 40/100	R 1/2"	70 x 120	2.95	7.6157
For ROJET 50/120	R 1/2"	70 x 120	2.95	7.7643
For ROJET 60/140	R 1/2"	70 x 120	2.95	7.6233
For ROJET 85/160	R 1/2"	70 x 120	2.95	7.7644
For ROJET 100/150	R 1/2"	70 x 120	2.95	7.6234
For ROJET 100/200	R 1/2"	70 x 120	2.95	7.6161
For ROJET 130/160	R 1/2"	70 x 120	2.95	7.6235
For ROJET 130/160	R 3/4"	100 x 160	2.95	7.6236



No. 7.7642

Nozzle Assortment

Professional nozzle sets for ROJET

The nozzle assortment that is arranged for the professional, ensures a wide range of use and guarantees effective cleaning.

Description	Coupling	kg	No.
For ROJET 30/130	R 1/2"	5.10	7.6462
For ROJET 40/100	R 1/2"	5.10	7.6463
For ROJET 50/120	R 1/2"	5.10	7.6464
For ROJET 60/140	R 1/2"	5.10	7.7650
For ROJET 85/160	R 1/2"	5.10	7.6465
For ROJET 100/150	R 1/2"	5.10	7.6466
For ROJET 100/200	R 1/2"	5.10	7.6470
For ROJET 130/160	R 1/2"	5.10	7.6495
For ROJET 130/160	R 3/4"	5.10	7.6467

ACCESSORIES

Nozzle holder	50 x 370	1.28	7.6309
for nozzle assortment with 5 x 1/2"			



Example for ROJET 40 / 100, Set No. 7.76304



ROJET Accessories

High-Pressure Hose

- Highly flexible
- Complete with couplings

Available with R1/4" and R1/2" couplings



Nominal diameter mm	Coupling	L m	kg	No.
8	R1/4"	40	9.4	7.2820
13	R1/2"	50	20.0	7.6130
13	R1/2"	80	52.0	7.6131
16	R1/2"	80	67.0	7.6119

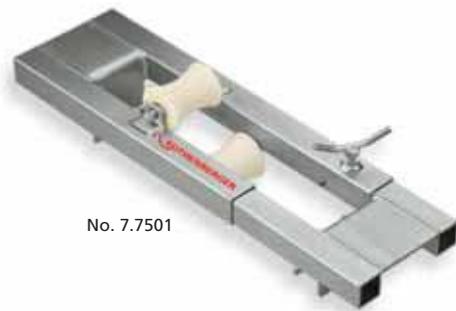
Threaded couplings	kg	No.
For High-pressure hose DN 13 mm - R1/2" internal	0.21	7.6133
For High-pressure hose DN 13 mm - R1/2" external	0.21	7.6134

Deflector Rollers

The use of deflector rollers reduces the wear and tear of high-pressure hoses and therefore extends the service life and helps to minimise costs



No. 7.7500



No. 7.7501

Description	kg	No.
For bottom manhole edge	6.2	7.7500
For bottom manhole edge	5.0	7.7501

8



High-Pressure Cleaning Lance

The built-in ROJET pressure selection valve enables use with a cleaning lance

- Complete with R 1/2" threaded coupling
- Flat jet nozzle insert for channel, surface and component cleaning. Included in delivery



No. 7.6187



No. 7.6189

Description	kg	No.
For ROJET 40/100 - 50/120 - 30/130	0.28	7.6187
Spare wide-angle nozzle	0.02	7.6167
For ROJET 85/160	3.10	7.6189
For ROJET 100/200	3.20	7.6166

For ROJET drain cleaning units please see 286 - 289

Hose Reel, mobile

The mobility and range of use of the ROJET is increased when the hose reel is used. Can easily be used without the help of a second person

- Includes professional cleaning nozzles
- Suitable for all ROJET versions
- Inlet R 1/2"
- Operating pressure 215 bar
- Burst pressure 815 bar

Optimum cleaning of building interiors and for cleaning domestic drains and downpipes



No. 7.6118

Set (No. 7.6118) includes: Hose reel with manual crank, shut-off valve and swivel joint, 30 m high-pressure hose DN 8 with coupling R 1/4" (No. 7.2820), drain cleaning nozzle R 1/4" (No. 7.6055)

Description	kg	No.
Hose reel, complete	26.5	7.6118
ACCESSORIES		
Hose reel, inlet 1/2"	17.0	7.6160
30 m high-pressure hose DN 8, R 1/4" coupling	9.40	7.2820
Drain cleaning nozzle R 1/4", without forward jetting	0.04	7.6055
Drain cleaning nozzle R 1/4", with forward jetting	0.04	7.6065
Rotating nozzle R 1/4", 45°	0.08	7.7506

Down Pipe Nozzle

High-performance stainless steel nozzle

Can only be used with hose reel (No. 7.6118) or with professional high-pressure cleaner 19/180B (No. 7.6090) in combination with high-pressure hose (No. 7.2820)

- With 3 wide-angle nozzle inserts
- High cleaning performance

For vertical use in roof drains, ducts and pipes



No. 7.6154

Description	Coupling	Ø x length mm	kg	No.
Downpipe nozzle	R 1/4"	50 x 125	1.6	7.6154

Suction Injector

Extends the ROJET's range of use and helps to minimise costs. Can be operated without a separate pump

- Suitable for all ROJET versions
- R 1/2" hose coupling
- Separate pump not necessary
- High suction performance



Perfectly suited for the suction cleaning of silted channels, drains, grease separators, etc.



Description	kg	No.
High-pressure R1/2" coupling, with 6 m spiral hose	5.50	7.6191
Spare circular jet nozzle insert	0.01	7.6192





RODIA® Diamond Core Drilling Equipment

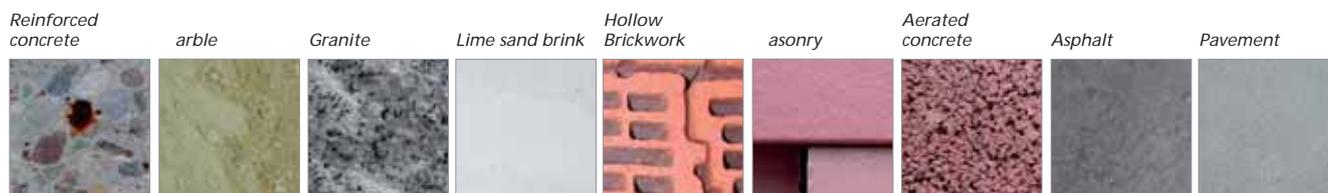
e e e a e g	296
a - eae g a e	297
a - eae e g a e	298
a / a a e g a e	299
a - eae a a a e g a e	300
a e g e P	301 307
a e	308
a -	309
g a e	310 315
e e a e g e	316 319



System Overview Diamond Core Drilling

	ea / ea	1800	130	170 P	270 P	400 P
						
g a ge ee	6 - 6 mm	-	10 - 132 mm	10 - 12 mm	32 - 22 mm	32 - 402 502 mm
a g a ge	6 - 6 mm	32 - 202 mm	32 - 152 mm	32 - 202 mm	32 - 22 mm	32 - 402 502 mm
a e	30 mm	40 mm	40 mm	40 mm	50 mm	50 mm
a a	- / 6 mm	32 - 152 mm	10 - 132 mm	10 - 12 mm	32 - 22 mm	32 - 402 500 mm
a	00 W	1 00 W	1400 W	1 00 W	2400 W	3000 W
e g	3.4 / 3.2 kg	5. kg	16.2 kg	12. kg	30.5 kg	40.5 kg
e a - ea e	Wide area of use, extremely light machine, especially for hard natural stone/tiles	Soft pulse can be turned on / off Integrated extraction rotor	4 functions with just one device Patented drill stand	4 functions with just one device Fully equipped drill stand	Motor-quick release system Fully equipped drill stand	Innovative motor electronics, fully equipped drill stand, extremely high torque
	298 299	297	300	302 303	304 305	306 307

	ea P / P	P	g ee P ea	
				
a ea	Wet and dry drill bit	Wet and dry drill bit	Wet drill bit	Dry drill bit
e ea	R1/2" 1.1/4" NC	R1/2" 1.1/4" NC	R1/2	16, 30 x 2, 1.1/4" NC
e e e g	320, 430 / 400, 500	400 / 500	60 / 120 / 300	90 / 150 / 300
eg e	Laser-welded / space welded	Space welded	Soldered	Laser-welded
eg e	Roof-type segment / PRIS AC T	PRIS AC T	Flat segment	Roof-type segment
a e a	Reinforced concrete, concrete marble, granite, lime sand brick, hollow brickwork, masonry, aerated concrete, clinker	Reinforced concrete, concrete asphalt, pavement custom-made on request	Reinforced concrete, marble granite, hollow brickwork masonry, clinker	Lime sand brick, hollow brickwork, masonry, aerated concrete, clinker
	310 - 311 / 313	312	314	315



Hand-Operated Dry Drilling Machine

RODIADRILL 1800 DRY



32 - 202

Product Profile

PP

Hand-operated dry drilling, optimal for drilling in lime sand brick, masonry, brickwork, pumice, aerated concrete. Ideal for use in the H A C R, plumbing and electrical industries, in enclosed rooms or in inhabited buildings where jolt and dust free operation is required, in accordance with 45 Abs. 1 and 2 ASchG.

- 1 Efficient drilling with the help of the POWER PLUS technology
- 2 Optimum drilling results with the powerful extraction rotor
- 3 Electronic friction clutch with 20 Nm torque
- 4 Safe operation with the electronic soft start with overload indicator
- 5 Better operating position, directly against the wall, small compact design

- Operation possible with Rodiacut 1 0 Pro FF301 1, 131 DWS FF30131 drill stand
- Clamping adaptor 56 mm

1 speed transmission	1150 rpm
g a ge	32 - 202
age	230
a e /	2500 Watt / 1 000 Watt
a g g a e	.5 A
a e a	40 mm from drill hole centre
a e e	40 mm from drill hole centre
e g	5. kg

1 P P - e g
e 23 000
ea e e

Efficient drilling in hard materials

2 a eg a e
e a

Optimum drilling results for larger diameters



g e g 5.8 kg

4- a set (No. FF40185) includes: Drill motor RODIADRILL 1800 DRY incl. transport case (No. FF60185), spanner size 24 and size 36 (No. FF70024 / No. FF70036)

Model	kg	No.
RODIADRILL 1 00 DR Set	5.0	40185

Dust free use



Description	kg	No.	Description	kg	No.
Centering pin as drill support, 300 mm	0.33	03300	Socket drill bit 6 mm	0.20	03168
Centering pin as drill support, 400 mm	0.35	03301	Socket drill bit 2 mm	0.30	03182
Centering tip " uick Out" only with FF3509	0.10	35096	RODIA DC 1200	10.0	35148
Adaptor R 1/2" for 16	0.10	35097	Transport case RODIADRILL 1 00 DR	4.40	60185

315

Hand-Operated Wet Drilling Machines

RODIADRILL Ceramic RODIADRILL Ceramic ECO



RODIADRILL Ceramic 68

Ideally suited for H AC R, plumbing professionals, tilers, stair builders, remodelling specialists as well as electricians.

Everywhere where jolt-free operation is necessary and extremely hard materials need to be processed.

Product Profile

PP

RODIADRILL Ceramic 68
reinforced concrete 6 - 35 mm, marble, granite, ceramic tiles
6 - 6 mm, masonry and hollow brickwork 6 - 6 mm, glass
6 - 6 mm

- For all common R 1/2" drill bits
- Fatigue-free operation with the light weight
- Also drills through material combinations for example tiles masonry without damaging material or surfaces and without cumbersome tool change
- Safe operation with the mechanical friction clutch and PRCD switch
- ① "Aqua-Stop Button" with quantity adjustment
- ② Ideal for serial drilling with the external water supply
- ③ Tool-less exchange of the drill bits with the Quick Change system
- ④ Integrated 1 litre water tank for 4-6 drill holes

2- gear speed	1. Gear speed	2. Gear speed
3600 rpm	3600 rpm	6400 rpm
25 - 6	25 - 6	6 - 25
230	230	
1150 Watt / 00 Watt	1150 Watt / 00 Watt	
3.6 A	3.6 A	
400 mm depending on material	400 mm depending on material	
30 mm from drill hole centre	30 mm from drill hole centre	
30 mm from drill hole centre	30 mm from drill hole centre	
3.4 kg ea	3.4 kg ea	
3.2 kg ea	3.2 kg ea	
6 mm ea	6 mm ea	
35	35	ee

④ eg ae 1 e ae a

Sufficient supply for 4 - 6 drill holes and can be rotated when working in confined spaces

③ a ge e
a a

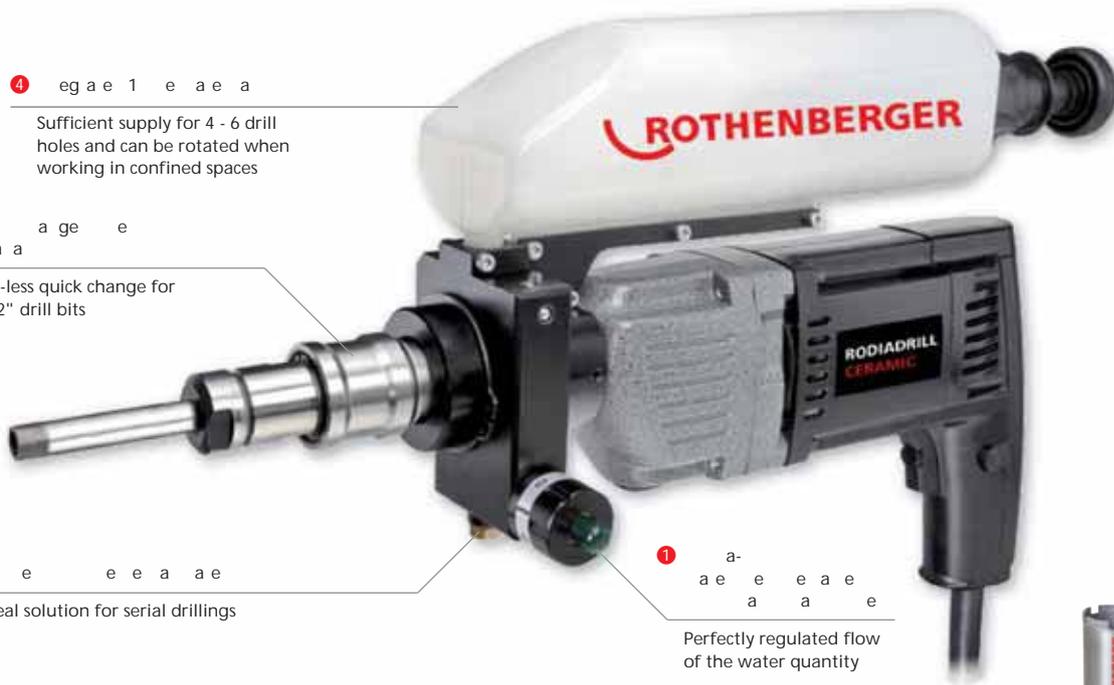
Tool-less quick change for R 1/2" drill bits

② e e e a ae

Ideal solution for serial drillings

① a-
ae e e ae
a a e e

Perfectly regulated flow of the water quantity



ea
ea age 314

Drilling of the hardest materials



Clean drilling of tiles



4- a set (No. FF40150) includes: Drill motor RODIADRILL Ceramic (No. FF40150P), 1 high speed plus drill bit each Ø 6 - 8 - 10 mm (No. FF44806, FF44808, FF44810) spanners sizes 24 and 27 (No. FF70024, FF70027), transport case (No. FF60150)

odel	kg	No.
RODIADRILL Ceramic Set	3.4	40150

Hand-Operated and Stationary Wet Drilling Machine

RODIADRILL Ceramic ECO



68

a - e a e a a a e g a e
6 - 68

- Further developed for a - e a e a a a wet drilling in the smallest drilling range
- Drills in all the hardest materials such as tile, natural stone, concrete glass and ceramic
- Especially recommended for high-quality bathroom installations without damaging surface materials
- Water extraction is possible with the stand guided drill

a a g e
a a 30130

3 a ge e
a a

Tool-less quick change for drill bits R 1/2"

Pe a e a a e e a a a e
/ a a age age 298



56 a g a a
For stationary drilling

2 eg a e a e e
a- a a a e a e a
Ideal solution for serial drillings

e a
e a age 314

Set (No. FF40140) includes: Drill motor RODIADRILL Ceramic ECO (No. FF40140), spanner sizes 24 and 27 (No. FF70024, FF70027), Quick change adaptor R 1/2" (No. FF35751), transport case (No. FF60150)

odel	kg	No.
RODIADRILL Ceramic ECO	3.2	40140
RODIAC T drill stand 130 DWS	10.0	30130

odel	kg	No.
Quick change adaptor R 1/2"	6.2	35751
Pressurized water container 10 l	5.5	35026



Description	kg	No.	Description	kg	No.
Freehand drill support up to 3 mm	0.45	35750	Water supply hose with "aqua-stop"	0.21	35302
Quick change adaptor	0.20	35751	Water collection ring, hand-operated	0.0	35701
Pressurized water container 10 l	5.50	35026	Water collection ring, stationary	1.20	35700
Special water supply hose	0.20	35301	Transport case RODIADRILL Ceramic ECO	4.60	60140

g - ee -P a a e 314

Stationary drilling



Quick change adaptor



Drill bits HSP natural stone



Hand-Operated and Stationary Wet & Dry Drilling Machine

RODIACUT® 130 DWS

g a ge 10 - 132

Ideal for use in H AC R, plumbing and electrical industries, as well as the entire building industry where jolt and dust-free operation is required. The light weight and tool-less operation allows an easy



one-man operation and makes this unit a "must" on every construction site.

Product Profile

PP

Stationary wet drilling in reinforced concrete	10 - 132 mm
Stationary dry drilling in masonry	32 - 132 mm
Hand-operated wet drilling in reinforced concrete	10 - 132 mm
Hand-operated dry drilling in masonry	32 - 152 mm

- 4 applications in one device offers great flexibility in use
- All adjustments can be done with one tool
- Drill stand with integrated vacuum plate and valve
- Light weight due to patented, torsion resistant and rust-proof profile column
- Safe use with the electronic soft start and electronic friction clutch

- Standard threaded adaptor for all common drill bits R 1/2" and 1.1/4" NC
- Drill angle is adjustable from 0 - 45
Pre-adjustment 15 / 30 / 45

	RODIADRILL 1400 DWS	
2- ee a	1. Gear	2. Gear
a ee	500 rpm	1050 rpm
g a ge	60 - 132	10 - 62
age	230	
a e	2000 Watt	
a e	1400 Watt	
a g e	450 mm	
a e a	40 mm from drill hole centre	
a e a	40 mm from drill hole centre	
a g g a e	.5 A	
e g	Drill stand	9.5 kg
	otor	6. kg

ea e a a
1/2 a 1 1/4

Pa e e e
e a g
eg a e a

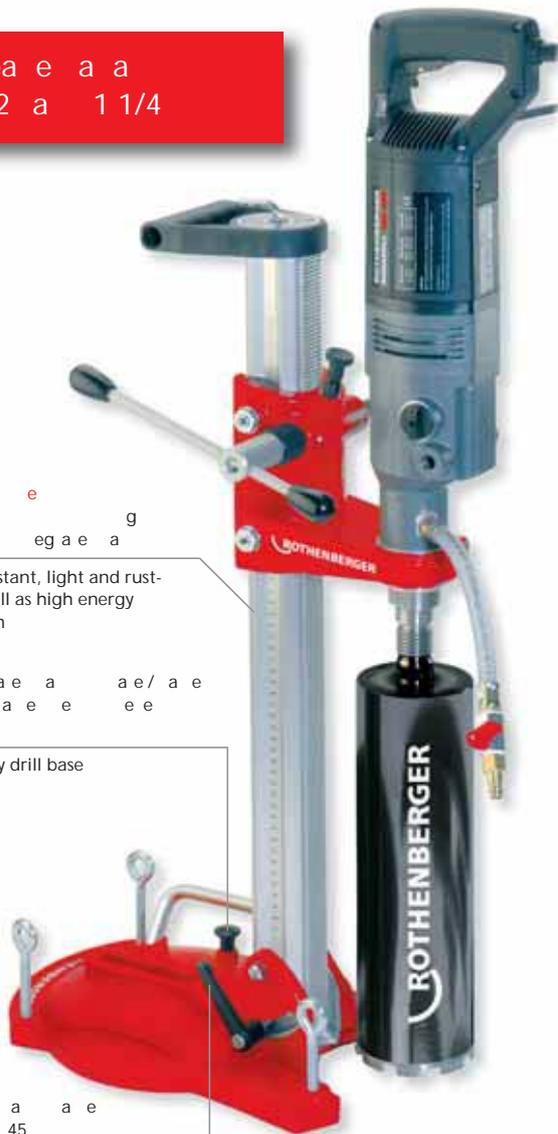
Torsion resistant, light and rust-proof as well as high energy transmission

eg a e a a e / a e
a 4 a a e e e e
e e e

High-quality drill base

a ge a a e
15 30 a 45

Meets practical requirements



Scope of delivery (No. FF34130): Drill stand RODIACUT® 130 DWS (No. FF30130), drill motor RODIADRILL 1400 DWS (No. FF40160), drill bit Ø 60 mm HSP, (No. FF44060), concrete fixing bolt set (No. FF35120), 1 x spanner 24 mm, 36 mm and 41 mm, (No. FF70024), (No. FF70036) and (No. FF70041), water supply hose (No. FF35302)

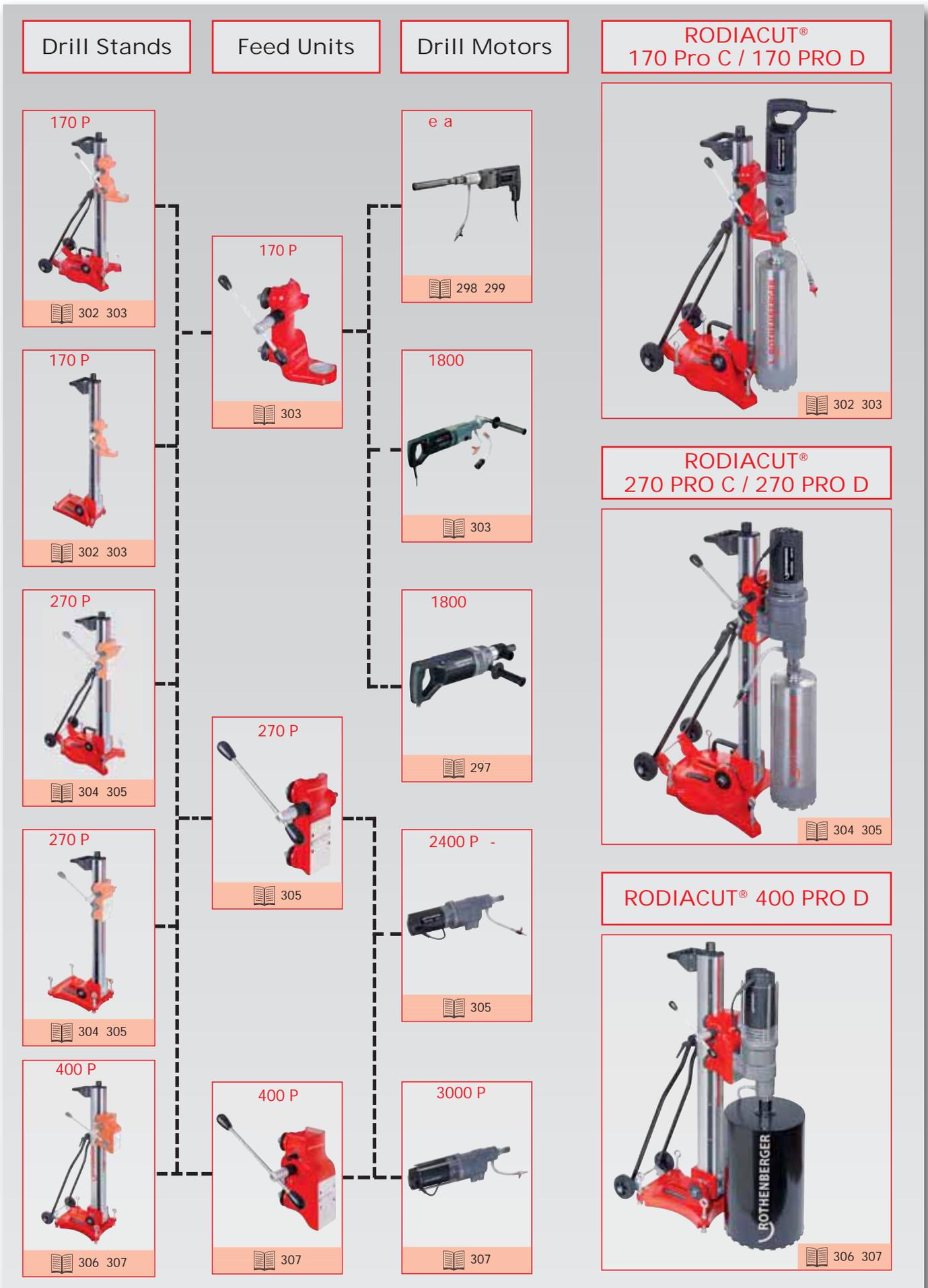
odel	kg	No.
RODIAC T 130 DWS	16.2	34130
Drill motor RODIADRILL 1400 DWS	6.	40160
Drill stand RC 130 DWS	9.5	30130
Transport case RODIAC T 130 DWS	.6	60131

310

e 110 a a a e e e

Diamond Core Drilling System RODIACUT® PRO

RODIA® Modular System



Diamond Core Drilling System RODIACUT® PRO

RODIACUT® 170 PRO C / 170 PRO D



g e e - a a
a e 10 - 202

Product Profile

PP

Stationary wet drilling in reinforced concrete	10 - 12 mm
Stationary dry drilling in masonry	32 - 12 mm
Hand-operated wet drilling in reinforced concrete	10 - 2 mm
Hand-operated dry drilling in masonry	32 - 202 mm

- 1 universal feed unit, can also be used with RODIAC T 20 PRO and 400 PRO
- 2 Drill angle adjustment from -15° up to +45°, in 2.5° adjustable steps, with RODIAC T 10 PRO also 90° angles possible
- 3 Quick display of the drill hole centre only with combination plate
- Reducing ring available for 56 mm and 53 mm

g a ge	no water collection ring: max. 12 mm	with water collection ring: max. 132 mm
e g	13.1 kg / 12. kg	anchor plate
a a	60 mm	
e g	170 P	170 P
e g	40 mm	315 mm
e g	300 mm	10 mm
e g	60 mm	60 mm
e g	525 mm	525 mm

g a ge	RODIADRILL 100 DWS
a e a	in concrete max. 12 mm
a e e	in masonry max. 202 mm
ea e a a	40 mm from drill hole centre
a e /	40 mm from drill hole centre.
2 ee a	R 1/2" 1.1/4" NC
e	2500 Watt / 100 Watt
a g g a e	60 - 150 rpm
e g	5 - 2 Nm
a g e	.5 A
e g	.0 kg
a g e	56 mm



g a age a P
a a

Stable and low-vibration operation,
flexible use / modular design



a e ea

Integrated fastening possibility
for serial drillings (rectangular
wood block or steel pipe)

e a ee

Quick and easy transport on the building site
(standard with combination plate)

eg a e a a e / a e
a 4 a a e e e e
e e e

High-quality drill base



2 a ge a e

Adjustable from 15° up
to +45° in 2.5° steps
(with 170 PRO C 90°)

3 e e e a

Quick adjustment for an
exact drilling position



9



Diamond Core Drilling System RODIACUT® PRO

170 P		170 P	
a	a	e	a
<ul style="list-style-type: none"> ● 4 x roll guides ● Stainless steel handle, can be changed without tools ● Exchangeable rack and guide rail ● Stable threaded connection between column and base plate ● Transport handle ● Lockable feed unit ● Drill depth measuring scale ● Braced head ● 60 mm clamping neck adaptor 			
P		170 P	
<ul style="list-style-type: none"> ● Second transport handle ● Vacuum plate ● Vacuum valve 		<ul style="list-style-type: none"> ● Transport wheels ● Drill hole centre indicator 	

a e ee a e
 Tool-less quick change for the operating side, sturdy design



Fig. 170 PRO D

Universally applicable on RODIACUT® 270 PRO and 400 PRO



Clean work in enclosed rooms

Scope of delivery (No. FF34171 / FF34170): Drill stand RODIACUT® 170 PRO C or 170 PRO D, drill motor RODIADRILL 1800 DWS, reducing ring 56 mm (No. F85152), spanner size 1 - size 2 - size 3 - size 4, Allen key, water supply hose (No. FF35302), concrete set, complete (No. FF35120), copper ring 1.1/4" (No. FF35190), Instruction manuals: RODIADRILL 1800 DWS (No. 9.0704), RODIACUT® 170 - 400 (No. 9.0726), tool bag (No. FF70001)

Model	Weight (kg)	No.
RODIAC T 1 0 PRO C complete	13.1	34171
RODIAC T 1 0 PRO D complete	12.	34170
RODIADRILL 1 00 DWS	.0	40180
Drill column RODIAC T 1 0 PRO C	6.1	30171
Drill column RODIAC T 1 0 PRO D	5.	30170
Drill column 60 mm, Hub 525 mm	.6	50978
Drill column 1335 mm, Hub 1000 mm	12.4	50981
Drill column 1 35 mm, Hub 1500 mm	16.5	50982
Feed unit for RC 1 0 PRO	3.1	50977
Anchor foot for RC 1 0 PRO	3.3	50979



Description	No.	Description	No.
RODIADRILL CERA IC ECO	1 298 299 40150	RODIA DR CLEANER 1200	5 317 35148
RODIADRILL 1 00 DR	2 297 40185	Water collection ring, hand-operated	6 319 35701
Pressurized water container 10 l	3 318 35026	Water collection ring, stationary	7 318 35700
vacuum pump RODIA- AC	4 316 35200	Drill bits	8 310-315



Diamond Core Drilling System RODIACUT® PRO

RODIACUT® 270 PRO C / 270 PRO D

Stationary wet drilling in reinforced concrete 32 - 222 mm
 Stationary dry drilling in masonry 32 - 222 mm



272

Product Profile	
PP	
Stationary wet drilling in reinforced concrete	32 - 222 mm
Stationary dry drilling in masonry	32 - 222 mm
<p>1 Universal feed unit, can also be used with RODIACUT 270 PRO und 400 PRO</p> <p>2 Drill angle adjustment from -15° up to +45°, in 2.5° adjustable steps, with RODIACUT 270 PRO also 90° angles possible</p> <p>3 Drill hole centre indicator 270 P for quick alignment</p>	
Drill hole diameter	no water collection ring: max. 222 mm with water collection ring: max. 222 mm
Weight	16.5 kg / 16.5 kg anchor plate
Drill motor	Direct adaptor for feed unit
	270 P 270 P
Height	520 mm 330 mm
	330 mm 220 mm
Drill hole diameter	90 mm 90 mm
	595 mm 595 mm

Drill hole diameter	RODIADRILL 2400 PD-E
	in concrete max. 222 mm
	in masonry max. 222 mm
Drill hole diameter	50 mm from drill hole centre
	50 mm from drill hole centre
Drill hole diameter	R 1/2" 1.1/4" NC
Power	3000 Watt / 2400 Watt
Speed	300 - 600 - 1120 rpm
Drill hole diameter	95 - 4 - 23 Nm
Current	14.9 A
Weight	9.0 kg



4 Zero-play operation



Tool-less quick mounting/demounting of drill motor on drill stand

Quick and easy transport on the building site (standard with combination plate, optional with anchor plate)

High-quality drill base



2 Adjustable from 15° up to +45° in 2.5° steps (with 270 PRO C up to 90°)



3 Fast alignment of the drill hole centre

Diamond Core Drilling System RODIACUT® PRO

270 P		270 P	
a	a	e	a
<ul style="list-style-type: none"> ● 4 x roll guides ● Stainless steel handle, can be changed without tools ● Exchangeable rack and guide rail ● Stable threaded connection between column and base plate ● Transport handle ● Lockable feed unit ● Drill depth measuring scale ● Braced head 			
P		270 P	
<ul style="list-style-type: none"> ● Second handle ● acuum plate ● acuum valve 		<ul style="list-style-type: none"> ● Transport wheels ● Drill hole centre indicator 	



Scope of delivery (No. FF34271 / FF34270): drill stand RODIACUT® 270 PRO C or 270 PRO D, drill motor RODIADRILL 2400 PD-E, reducing ring 56 mm (No. F85152), spanner size 1 - size 2 - size 3 - size 4, water supply hose (No. FF35302), concrete set, complete (No. FF35120), copper ring 1.1/4" (No. FF35190), instruction manuals: RODIADRILL 2400 PD-E (No. 9.0705), Bal RODIACUT® 170 - 400 (No. 9.0726), tool bag (No. FF70001)

odel	kg	No.
RODIAC T 2 0 PRO C complete	30.	34271
RODIAC T 2 0 PRO D complete	30.5	34270
RODIADRILL 2400 PD-E	10.1	40210
Drill stand RODIAC T 2 0 PRO C	20.	30271
Drill stand RODIAC T 2 0 PRO D	20.4	30270
Drill column 9 0 mm, Hub 595 mm	4	50985
Drill column 13 5 mm, Hub 1000 mm	12.5	50988
Drill column 1 5 mm, Hub 1500 mm	16.5	50989
Anchor base for RC 2 0 PRO	3.1	50984
Anchor base for RC 2 0 PRO	5.2	50986
Combination base for RC 2 0 PRO	.	50987
Angled support for RC 2 0 PRO anchor base	2.	50990



Description	No.	Description	No.
RODIADRILL 3000 PD	1 307 40300	RODIA DR CLEANER 1200	5 317 35148
Pressurized water container 10 l	2 318 35026	Water collection ring only in combination	6 319 35730
acuum pump RODIA- AC	3 316 35200	Extension	7 319
acuum sets	4 316 35740	Drill bits	8 310-315

Diamond Core Drilling System RODIACUT® PRO

RODIACUT® 400 PRO D

g e e a e
32 - 402 502



Product Profile	
PP	
2 a a e	
Stationary wet drilling in reinforced concrete	32 - 502 mm
Stationary dry drilling in masonry	32 - 502 mm
1 Drill angle adjustments from -15° up to +45°, in 2.5° steps adjustable 2 Exchangeable guide rail	
g a ge	no water collection ring: max. 500 mm
e g	2.4 kg
e g	460 mm
	260 mm
e g	1100 mm
	60 mm

RODIADRILL 3000 PD	
g a ge	in concrete max. 500 mm
	in masonry max. 500 mm
a e a	50 mm from drill hole centre
a e e	50 mm from drill hole centre
ea e a a	R 1/2" 1.1/4" NC
a e /	4000 Watt / 3000 Watt
3 ee a	215 - 430 - 5 rpm
e	1.5 - 10 - 55 Nm
a g g a e	20.0 A
e g	12.1 kg



4 g e
Zero-play operation

g a age a e e a
P a a

Tool-less quick mounting/demounting of drill motor on drill stand



a e a e 35138

To enlarge the drill hole diameter from Ø 402 to 502 mm with RODIACUT® 400 PRO

e a ee
Quick and easy transport on the building site (optional with anchor plate)



1 a ge a e
Adjustable from 15° up to +45° in 2.5° steps



a e ea
Integrated mounting possibilities for serial drillings (rectangular wood block or steel pipe)

Diamond Core Drilling System RODIACUT® PRO

Characteristics 400 PRO D

- 4 x roll guides
- Stainless steel handle, can be changed without tools
- Exchangeable rack and guide rail
- Stable threaded connection between column and base plate
- Transport handle
- Lockable feed unit
- Drill depth measuring scale
- Braced head



Reduces the contact pressure of the drill bit



Tool-less quick change for the operating side, sturdy design

Cost-saving spare parts

Combination possibilities of the feed unit RODIACUT® 170 / 270 / 400 PRO

Tool-less quick mounting/demounting of drill motor on drill stand



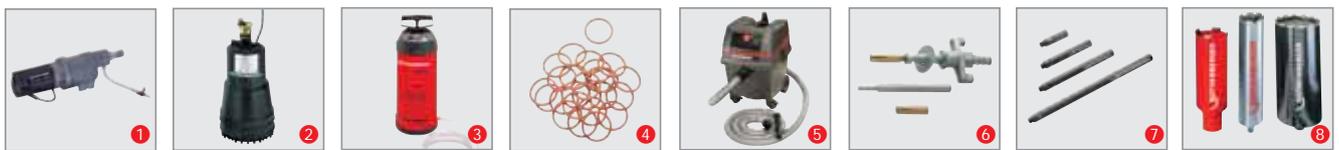
Fig. 400 PRO D

Scope of delivery (No. FF34300): Drill stand RODIACUT® 400 PRO D, drill motor RODIADRILL 3000 PD, spanner size 24 - size 36 - size 41, water supply hose (No. FF35302), hexagonal pin key (No. 32.1300), concrete set, complete (No. FF35120),

odel	kg	No.
RODIAC T 400 PRO D	40.5	34300
Drill stand RODIAC T 400 PRO D	2.4	30030
Drill column 1420 mm, Hub 1000 mm	16.1	50995
Drill column 1100 mm, Hub 6 0 mm	11.	50996
Drill column 1920 mm, Hub 1500 mm	21.4	50997

Copper ring 1.1/4" (No. FF35190), Instruction manual RODIADRILL 3000 PD (No. 9.0725), tool bag (No. FF70001)

Description	kg	No.
Feed unit for RC 400 PRO	5.1	50993
Angled support for RC 400 PRO anchor base	3.2	50998
RODIADRILL 3000 PD	12.1	40300



Description	No.	Description	No.
RODIADRILL 2400 PD-E	305 40210	RODIA DR CLEANER 1200	317 35148
Submersible water pump RODIAP P	318 35029	ounting articles and accessories	318
Pressurized water container 10 l	318 35026	Extension	319
Copper ring 1.1/4"	318 35190	Drill bits	310-315

Wall Slot Cutter

Wall Slot Cutter WALL CUT 6540



For use with concrete, masonry, lime sand brick, brickwork

Ideal for use in the H A C R, plumbing and electrical industries, in enclosed rooms or in inhabited buildings where jolt and dust-free operation is required, in accordance with 45 Abs. 1 and 2 ASchG.

Cuts wall slots for pipe and electronic lines.

Product Profile

PP

For use with concrete, masonry, lime sand brick, brickwork

- Effort-saving operation with the downward pulling cut
- ❶ Precise guidance and easy feed movements without much effort
- ❷ Faster cut-off wheel change with locking spindle
- ❸ Holding and transport handle can be adjusted to various positions
- ❹ Dust extraction guarantees visibility for direct, accurate cutting and safe operation
- ❺ Optimum adjustment for all working positions
- ❻ Turning-on unintentionally is prevented by latch

age	230
a e	2500 W
a g g a e	11 A
e ee	6600 rpm
a a e e	230 mm
a g e	65 mm
a	40 mm
e g	9.0 kg
	5 - 40 mm
g e	20 - 65 mm



Fine dust extraction unit RODIA DRY Cleaner 1200 (No. FF35148)

Effort-saving operation with the downward pulling cut



Scope of delivery (No. FF40040): Wall slot cutter WALL CUT 6540 with 2 saw blades Ø 230 mm (No. FF11230), chisel (No. 7.7151), pin type face wrench (No. FF70088), transport case (No. FF60101)

Model	kg	No.
WALL C T 6540 - set	9.0	40040



Description	kg	No.
Cut-off discs	309	
Clamping set, complete	0.6	53505
RODIA DR Cleaner 1200	317 10.	35148
Transport case WALL C T 6540	10.0	60101

Diamond Cut-Off Discs

Product range: 115 - 350

A perfect choice for all areas of application, such as gardening and landscaping, roofing, electronics, etc. Ideally graded based on the

price/performance ratio. Through innovative technology in the area of segments, the dry/wet operating method has been brilliantly designed.

Product Profile

- 1 Longer service life with the "High Press Technology"
- 2 Less wear with the cool down effect

- 3 Extremely easy cuts with the 10 mm turbo segments
- 4 Optimum cut guidance with the reinforced steel core



The 4 Professionals

RED Professional
for concrete, reinforced concrete, brickwork, exposed aggregate concrete, roofing tile, granite, artificial stone, semi-hard clinker, ceramic, SML pipes, common construction site material

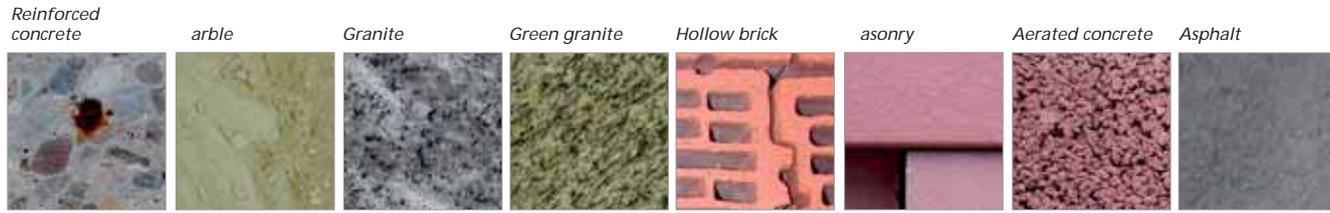
BLAC Professional
for concrete, reinforced concrete, brickwork, exposed aggregate concrete, roofing tile, semi-hard clinker, common construction site material

BLUE Professional
for concrete, reinforced concrete, brickwork, exposed aggregate concrete, soft + semi-hard clinker, common construction site material

GREEN Professional
for concrete, brickwork, ceramic, natural and artificial stone



Special 10 mm Sinter segments		10 mm Laser segments		mm Laser segments		mm Sinter segments	
mm	No.	mm	No.	mm	No.	mm	No.
RED 115	11115	BLACK 115	12115	BL E 115	13115	GREEN 115	16115
RED 125	11125	BLACK 125	12125	BL E 125	13125	GREEN 125	16125
RED 150	11150	BLACK 150	12150	BL E 150	13150	GREEN 150	16150
RED 1 0	11180	BLACK 1 0	12180	BL E 1 0	13180	GREEN 1 0	16180
RED 230	11230	BLACK 230	12230	BL E 230	13230	GREEN 230	16230
RED 300	11300	BLACK 300	12300	BL E 300	13300		
RED 350	11350	BLACK 350	12350	BL E 350	13350		



Cutting Diamond Core Drill Bits

Space Welding

e g e a g g-e ge
g e g e e e a e e
e e a eg e e a e

Product Profile

P

e a g e e g

- The innovative high-performance drill bit P is produced using cutting-edge welding technology
- Because of the neutral zone, the a e e g cold welding process guarantees the optimum use of the complete diamond segments without loss
- The service life is up to 20 higher compared to lasered and soldered drill bits.

PRISMACUT

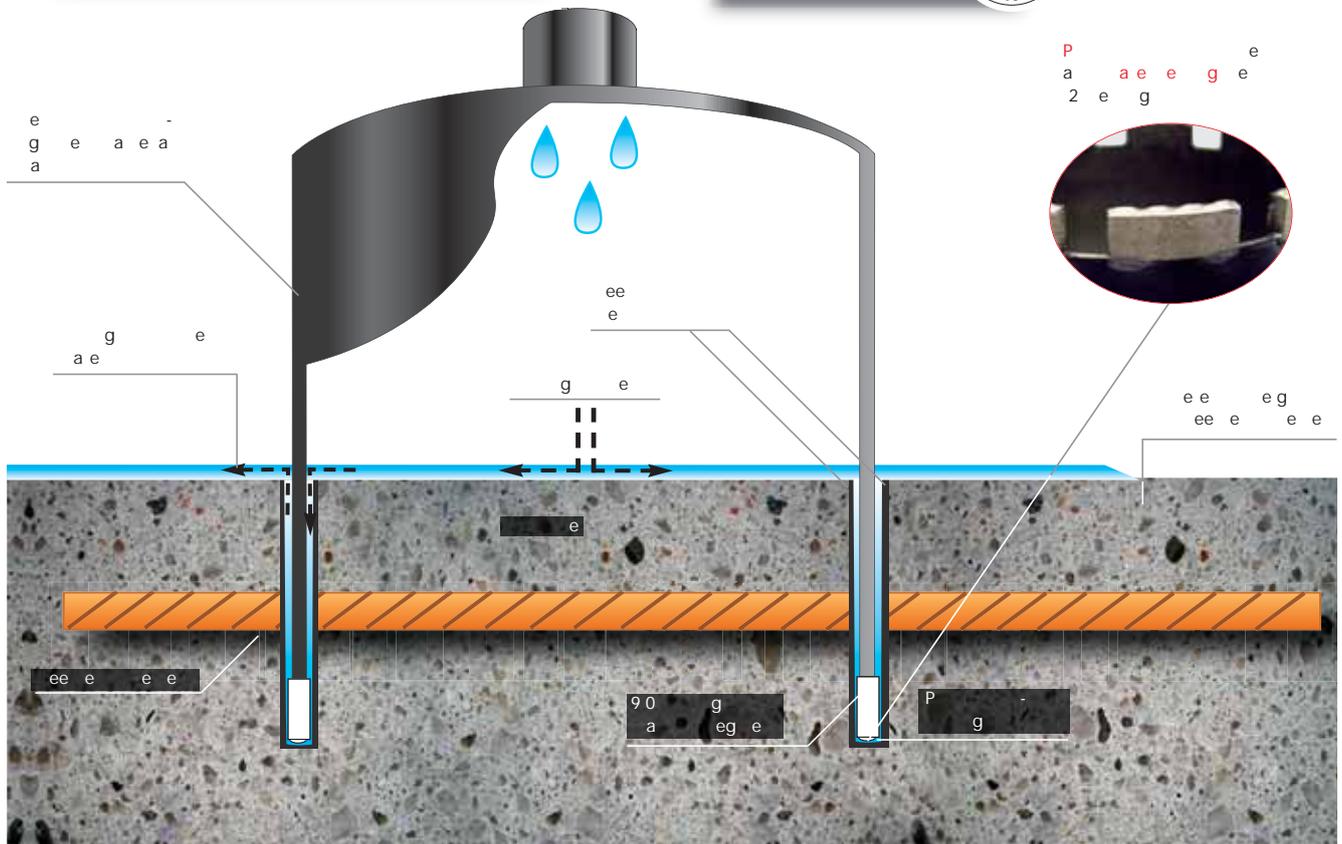
e e a e a eg e e
e e a a a e a e e e
a e g

P

- The e e a eg e g offers optimum free punch size and an excellent cutting speed
- The P centre drill nodule is characterised by a better drill behaviour and preservation of the diamond segment
- PRISMACUT guarantees direct water cooling of the diamond segments
- 15 higher cutting speed with steel reinforcement

a 20 ge e e e

a e e ga



Segment shape / Connection types

e	e g e P	a e - e e	e - e e
eg e a e	P - eg e	- e eg e	a eg e
e	ee a P /	g ee P /	g ee P a a e

Cutting Diamond Core Drill Bits

Duramant PRO Universal Drill Bits

a e e g e a

22 - 502



Product Profile

PP

e for drilling in reinforced-concrete asphalt, as well as natural and artificial stone from 32 - 302 mm

e for drilling in masonry, lime sand brick, porcelain and other light building materials from 52 - 302 mm

- 1 Enables wet and dry use
- 2 Extremely easy cutting, safe cut in hand-operated use
- 3 Faster drilling progress and longer service life
- 4 Suitable for all other ROTHENBERGER drilling machines
- 5 Balanced rotation reduces wear
- Standard lengths 400 mm with R 1/2" and 500 mm with 1.1/4" NC
- Conventional R 1/2" and 1.1/4" NC threaded adaptors

	eg e	eg e e
22 - 3 mm	2	16 x 3.0 x .0 mm
40 - 4 mm	2	24 x 3.0 x 9.0 mm
50 - 55 mm	5 - 6	24 x 3.5 x 9.0 mm
56 - 2 mm	6 -	24 x 3.5 x 9.0 mm
5 - 102 mm	-	24 x 3.5 x 9.0 mm
10 - 142 mm	9 - 11	24 x 4.0 x 9.0 mm
142 - 1 2 mm	11 - 14	24 x 4.0 x 9.0 mm
1 2 - 250 mm	14 - 16	24 x 4.0 x 9.0 mm
300 - 500 mm	16 - 26	20 x 5.0 x 9.0 mm



4 ea e a a
1/2 a 1 1/4

Suitable for all other ROTHENBERGER drilling machines

1 eg e P

Allows wet and dry use

2 a e P

Extremely easy cutting, safe cut in hand-operated use

a 20 ge
e e e

5 e

Balanced rotation reduces wear

3 e a eg e

Faster drilling progress and extremely long service life



e 1/2			e 1/2		
mm	kg	No.	mm	kg	No.
22	0.	42620	2	2.1	42680
32	0.9	42630	92	2.5	42690
42	1.1	42640	102	2.	42700
52	1.3	42650	112	3.1	42710
62	1.5	42660	122	3.3	42720
2	1.9	42670	132	3.	42730

e 1 1/4			e 1 1/4		
mm	kg	No.	mm	kg	No.
32	1.1	42030	125	4.3	42125
36	1.2	42035	132	4.	42130
42	1.3	42040	142	5.2	42140
46	1.4	42045	152	5.9	42150
52	1.6	42050	162	6.4	42160
56	1.	42055	1 2	6.9	42170
62	1.	42060	1 2	.5	42180
66	2.0	42065	200	.2	42200
2	2.2	42070	220	.	42220
6	2.4	42075	250	9.3	42250
2	2.6	42080	2 0	9.	42280
	2.	42085	300	10.5	42300
92	3.0	42090	350	11.3	42350
102	3.2	42100	400	12.1	42400
10	3.5	42105	450	12.9	42450
112	3.	42110	500	13.5	42500
122	3.9	42120			

a e e e 1/2 a 1 1/4



Cutting Diamond Core Drill Bits

SPEED STAR DX

a e e g e a

10 - 500

Product Profile

PP

asphalt, masonry, as well as natural and artificial stone of 10 - 502 mm
are H AC R, plumbing, old building renovations, building industry, air-conditioning technology, gardening and landscaping

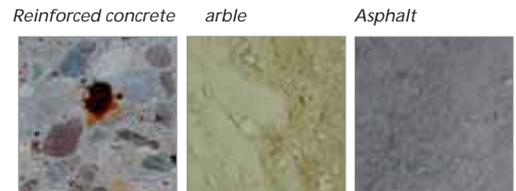
- 1 Extremely easy cuts, safe cut in hand-operated use
- 2 Balanced rotation reduces wear
- 3 Suitable for all other ROTHENBERGER drilling machines
- Standard lengths 400 / 500 mm, special lengths available on request
- Conventional R 1/2" and 1.1/4" NC threaded adaptors



mm	kg	Connection	Effective length
22 - 3 mm	2	1/2"	Effective length 400
40 - 4 mm	2	1/2"	Effective length 500
50 - 55 mm	5 - 6	1/2"	
56 - 2 mm	6 -	1/2"	
5 - 102 mm	-	1/2"	
10 - 142 mm	9 - 11	1/2"	
142 - 1 2 mm	11 - 14	1/2"	
1 2 - 250 mm	14 - 16	1/2"	
300 - 500 mm	16 - 26	1/2"	
		1 1/4"	



* We recommend the optional extraction rotor when using as a dry drill bit



9

mm	kg	Connection R1/2" No.	mm	kg	Connection R1/2" No.	mm	kg	Connection 1.1/4" No.	mm	kg	Connection 1.1/4" No.
10	0.25	00610	50	1.30	00650	20	0.	00020	11	3.9	00115
12	0.30	00612	56	1.40	00655	25	0.9	00025	122	4.3	00120
14	0.40	00614	61	1.50	00660	30	1.1	00030	12	4.	00125
15	0.50	00615	66	1.60	00665	35	1.2	00035	132	5.2	00130
16	0.55	00616	1	1.90	00670	40	1.3	00040	142	5.6	00140
1	0.60	00618	6	1.90	00675	45	1.4	00045	152	5.9	00150
20	0.0	00620	1	2.10	00680	52	1.6	00050	162	6.9	00160
22	0.0	00622	6	2.20	00685	56	1.	00055	1 2	.5	00170
24	0.5	00624	91	2.50	00690	62	1.	00060	1 2	.2	00180
25	0.5	00625	96	2.60	00695	66	2.0	00065	200	.	00200
26	0.5	00626	101	2.0	00700	2	2.2	00070	220	9.3	00220
2	0.5	00628	106	2.90	00705	6	2.4	00075	250	9.	00250
30	0.90	00630	111	3.10	00710	2	2.6	00080	2 0	10.1	00280
32	0.95	00632	116	3.20	00715		2.	00085	300	10.5	00300
35	1.00	00635	121	3.30	00720	92	3.0	00090	350	11.3	00350
3	1.10	00638	126	3.50	00725	9	3.1	00095	400	12.1	00400
40	1.10	00640	131	3.0	00730	102	3.2	00100	450	12.9	00450
45	1.20	00645				10	3.5	00105	500	13.5	00500
						112	3.	00110			

a e e e 1/2 a 1 1/4

Cutting Diamond Core Drill Bits

DX-High Speed Plus Universal Drill Bits



a e - e e e e a e a
22 - 302

Product Profile

PP

for drilling in reinforced concrete, asphalt, masonry, as well as lime sand brick for 22 - 302 mm. They are suitable for H AC R and electronic installations, old building renovations, building industry, air-conditioning technology, garden and landscaping.

- Extremely easy cutting, safe cut in hand-operated use
- Faster cutting progress and extremely long service life
- Suitable for all other ROTHENBERGER drilling machines
- Balanced rotation reduces wear

1/2 e	eg e	eg e e
22 mm	2	19.3 x 2.5 x 9 mm
32 mm	2	30.0 x 2.5 x 9 mm
42 - 62 mm	4 - 6	24.0 x 2.5 x 9 mm
2 - 92 mm	6 -	24.0 x 2. x 9 mm
102 - 132 mm	9 - 10	24.0 x 3.3 x 9 mm
1 1/4 e		
32 - 62 mm	2 - 6	24.0 x 2.5 x 9 mm
2 - 92 mm	6 -	24.0 x 2. x 9 mm
102 - 152 mm	9 - 11	24.0 x 3.3 x 9 mm
162 - 1 2 mm	12 - 13	24.0 x 3. x 9 mm
202 - 302 mm	14 - 1	24.0 x 4.0 x 9 mm



Suitable for all other ROTHENBERGER drilling machines

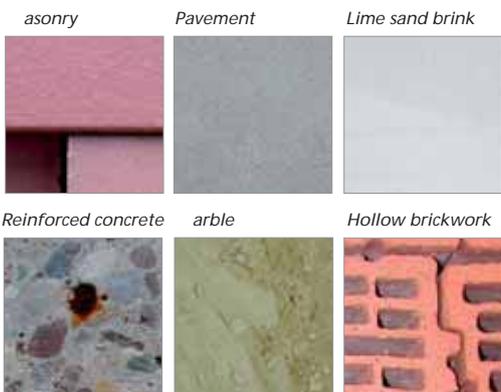
Allows wet and dry use

Extremely easy cuts, safe cuts in hand-operated use

Balanced rotation reduces wear

Faster drilling progress and extremely long service life

* We recommend the optional extraction rotor when using as a dry drill bit



e	1/2			e	1/2		
mm	kg	No.		mm	kg	No.	
22	0.20	44620		2	0.30	44680	
32	0.22	44630		92	0.32	44690	
42	0.24	44640		102	0.35	44700	
52	0.25	44650		112	0.36	44710	
62	0.26	44660		122	0.3	44720	
2	0.2	44670		132	0.3	44730	

e	1 1/4			e	1 1/4		
mm	kg	No.		mm	kg	No.	
32	0.22	44030		132	0.3	44130	
42	0.24	44040		142	0.26	44140	
52	0.25	44050		152	0.2	44150	
62	0.26	44060		162	0.30	44160	
2	0.2	44070		1 2	0.32	44170	
2	0.30	44080		1 2	0.35	44180	
92	0.32	44090		202	0.36	44200	
102	0.35	44100		222	0.3	44220	
112	0.36	44110		252	0.3	44250	
122	0.3	44120		302	0.3	44300	

a e a e g e 1/2 a 1 1/4



Cutting Diamond Core Drill Bits

High Speed Plus Natural Stone

6 - 68 e e a e e e g e e e a a e a

a e a e
g e
1/2 a 1 1/4



Product Profile

PP

for drilling in natural stone, granite, marble, double baked brick, masonry, reinforced concrete, glass or hollow brickwork from 6 - 6 mm are H AC R, plumbing and electronic installations, old building renovations, laying tile, stairs and railing installation, air-conditioning technology, garden and landscaping

- 1 Extremely easy cuts, very long service life through 9 mm high segments
- 2 Suitable for all ROTHENBERGER drilling machines
- 3 Balanced rotation reduces wear

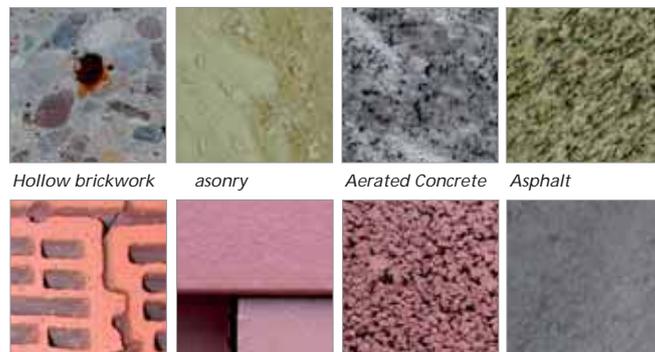
- Drilling even through material combinations possible
- Drill holes on the seam or edge of material possible with the use of diamond rings
- Conventional R 1/2" threaded attachments

1/2 e eg e eg e e
6 - 40 mm Ring segments Ring x 1.15 - 2.0 x 9 mm
45 - 6 mm 4 - 6 24 x 2.5 x mm



Drilling of the hardest materials

Reinforced concrete arble Granite Green granite



mm	kg	No.									
6	0.19	44806	1	0.21	44818	30	0.25	44830	45	0.42	44845
	0.1	44808	20	0.22	44820	32	0.25	44832	50	0.60	44850
10	0.1	44810	22	0.22	44822	35	0.30	44835	55	0.65	44855
12	0.19	44812	24	0.22	44824	36	0.32	44836	60	0.2	44860
14	0.20	44814	25	0.23	44825	3	0.34	44838	65	0.6	44865
15	0.20	44815	26	0.23	44826	40	0.34	44840	6	0.9	44868
16	0.20	44816	2	0.25	44828	42	0.35	44842			

with single segment mounting

Cutting Diamond Core Drill Bits

EUROLASER



ae - ee e g 32 - 202

Product Profile

PP

Designed for drilling in lime sand brick, hollow brickwork, bricks, aerated concrete, masonry from 32 - 202 mm.

Applications: H AC R, plumbing and electronic installations, old building renovations, oven and fire-place construction, air-conditioning technology, gardening and landscaping

- Extremely easy cutting, safe cut in hand-operated use
- Extremely large extraction hole reduces jamming of drill bit
- High drilling speed with less wear

- Easy removing of the drill dust using the extraction rotor
- Conventional 1.1/4" NC thread adaptors
- Use near walls possible, nominal length 150 mm / 300 mm

1 1/4"	eg e	eg e e
32 - 102 mm	3 - 6	20 x 4.0 x mm
112 - 202 mm	6 -	20 x 4.0 x mm

Strong weight reduction, very close work to walls

Extremely easy cuts, safe cuts in hand-operation

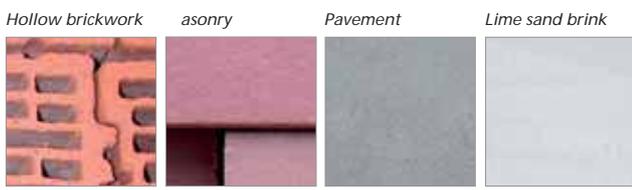
Extremely large extraction hole reduces jamming of drill bit, Quick and clean transport of the drill dust using the extraction rotor

NL 0 mm ()

High drilling speed, low wear

50 mm 100 mm 150 mm

*optional with extraction rotor



mm	1.1/4" Nominal length		1.1/4" Nominal length	
	160 mm	300 mm	150 mm	300 mm
32		0.3330	0.3380	0.3380
42		0.3331	0.3381	0.3381
52		0.3332	0.3382	0.3382
62		0.3333	0.3383	0.3383
72		0.3334	0.3384	0.3384
82		0.3335	0.3385	0.3385
92		0.3336	0.3386	0.3386
102		0.3337	0.3387	0.3387
112	0.3168	1.6	0.3388	0.3388
122		0.3334	0.3386	0.3386
132		0.3335	0.3387	0.3387
142		0.3335	0.3388	0.3388
152		0.3335	0.3389	0.3389
162	0.3182	1.9	0.3390	0.3390
172		0.3336	0.3390	0.3390
182		0.3337	0.3391	0.3391
192		0.3337	0.3391	0.3391
202		0.3337	0.3391	0.3391

mm	1.1/4" Nominal length		1.1/4" Nominal length	
	160 mm	300 mm	150 mm	300 mm
10		0.3338	0.3392	0.3392
11		0.3338	0.3393	0.3393
12		0.3339	0.3394	0.3394
13		0.3339	0.3395	0.3395
14		0.3340	0.3396	0.3396
15		0.3340	0.3397	0.3397
16		0.3340	0.3398	0.3398
17		0.3341	0.3399	0.3399
18		0.3342	0.3400	0.3400
19		0.3343	0.3401	0.3401
20		0.3344	0.3402	0.3402
21		0.3344	0.3402	0.3402
22		0.3345	0.3402	0.3402
23		0.3345	0.3402	0.3402
24		0.3345	0.3402	0.3402
25		0.3345	0.3402	0.3402
26		0.3345	0.3402	0.3402
27		0.3345	0.3402	0.3402
28		0.3345	0.3402	0.3402
29		0.3345	0.3402	0.3402
30		0.3345	0.3402	0.3402



Accessories for Diamond Core Drilling Systems

Galvano Drill Bit Set

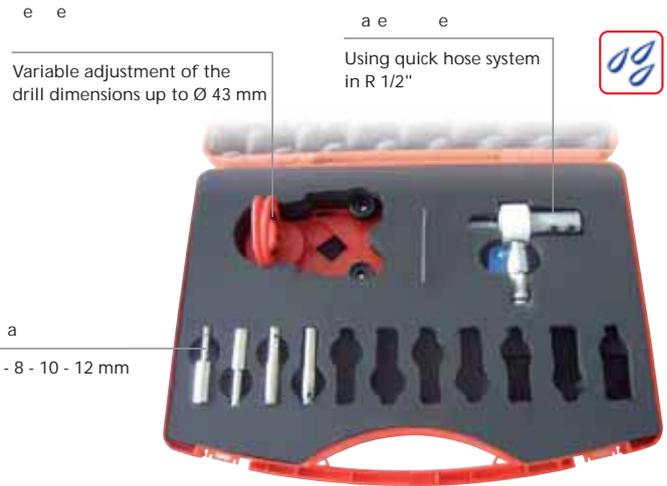
g e a e e 6 - 83

A cost-effective alternative for drilling in stoneware tiles. With the help of a drilling fixture, drillings can be purposely and accurately positioned. Optimum drilling results are achieved when used with the water flow socket included in the set.

- Drill and centering aid up to 43 mm
- Water flow socket with 3 edge adaptor
- Galvano drill with 3 edged shaft
- Drill bit with diamond coating



Set (No. 1.9320) includes: Galvano drill (6 - 8 - 10 - 12 mm), centre drill support, water connection, plastic case



Description		No.
Galvano Drill Set	6- -10-12 mm	1 9320
Galvano Drill	6 mm	44906
Galvano Drill	mm	44908
Galvano Drill	10 mm	44910
Galvano Drill	12 mm	44912
Galvano Drill	14 mm	44914
Galvano Drill	16 mm	44916
Galvano Drill	1 mm	44918
Galvano Drill	20 mm	44920
Galvano Drill	22 mm	44922

Description		No.
Galvano Drill	25 mm	44925
Galvano Drill	32 mm	44932
Galvano Drill	3 mm	44938
Galvano Drill	43 mm	44943
Galvano Drill	51 mm	44951
Galvano Drill	61 mm	44961
Galvano Drill	6 mm	44967
Galvano Drill	5 mm	44975
Galvano Drill	3 mm	44983
Centre Drill support up to	43 mm	35749

vacuum Pump RODIA- AC

This vacuum pump is suitable for all diamond core drilling units. An extraction tank prevents the vacuum plate from loosening quickly during a sudden power failure. Oil-free vacuum pump with pressure gauge.

vacuum Sets



No. FF35710
No. FF35740

1.1 KW Motor power 85%
Vacuum 200 l/min
extraction volume



10 e a a
Safety during a
power failure

No. FF35200

uic Clamping Column

Tool-less and reliable bracing between floor and wall or wall and wall. Maximum operation range from 1. m up to 3.0 with a load capacity up to 500 kg with sideway guidance.



No. FF35015

No. FF35135

Description		No.
uic Clamping Column	9.0	35015
vacuum pump RODIA- AC 230	20.0	35200
vacuum set, RODIAC T 131 DWS, 130, 1 OC	1.1	35710
Spare foamed rubber for drill base	0.1	50007
vacuum-Set RODIAC T 202 DWS, 2 OC	1.1	35740
Spare foamed rubber for drill base	0.1	50008
Sharpening stick 2 6 x 152 x 40 mm	1.0	35135

Accessories for Diamond Core Drilling Systems

RODIA DRY CLEANER 1200

e a e a

Especially good performance when used with WALL C T 6540, RODIADRILL 1 00 DR or other ROTHENBERGER extraction-friendly system products.



g ea ge e

2 polyester-filter cassettes with 99.9% dust retention (max. 20 l) water retention of 15 litres



a e a

Extremely powerful industrial extractor

e a e e a g a ge

5 m long suction hose and 8 m long AC power cord

odel	kg	No.
RODIA DR CLEANER 1200	10.	35148
Folded filter	1.0	55374
Paper filter	0.3	55388

RODIA CLEANER 1400

a e

- Easy-to-handle and powerful 1400 watt water extraction unit
- 35 litre container made of zinc-plated steel plate with acrylate coating: Rust-free

The set includes various extraction tubes and extraction nozzles. Wet-suction is possible when used with the cartridge filter system. When used with a cloth filter, dry suction possible. Suitable for use with our core drilling systems.

odel	kg	No.
RODIA CLEANER 1400	9.0	35210
Cartridge filter	1.0	55467
Cloth filter	1.0	55468



e a a e a a e

Connection for an additional electrical apparatus

g a ea - a e

Impact protective ring at base with 4 double roller wheels, 8 kg weight

WS 1200

a e a

Pure water extraction unit with enormous capacity up to 120 litres. Permits use at building sites without constant emptying and is therefore especially suitable for use with our larger core drilling systems RODIAC T 2 0 PRO and RODIAC T 400 PRO.



a ge - g a ee

High mobility



g - a a e e

2 stainless steel pipes and 1 metal floor nozzle with rubber lips

6 g e a 4 g e

User comfort with wide working rang

odel	kg	No.
WS 1200	23.0	35142



Accessories for Diamond Core Drilling Systems

Concrete Fixing Set

Includes (No. FF35120): Knurled thread rod Type G-B 160 mm, screw thread M 12/20 mm (No. FF35129), U-washer (No. FF 70166), winged nut M 12 (No. FF55150), 25 x drive-in anchor M 12 (No. FF 35122) and drive-in iron (No. FF35128)

Masonry Fixing Set

Includes (No. FF35121): Knurled thread rod Type G-M 280 mm, screw thread M 12/85 mm (No. FF35130), U-washer (No. FF70166), winged nut M 12 (No. FF55150), hexagonal nut M12 (No. FF70167), 5 x rawl anchor M 12 (re-usable) (No. FF35126) and drive-in iron (No. FF35128)

Special Diamond Drills for Tiles and Natural Stone

For use when hammer drills can't do the job. Various material combinations, such as tiles on concrete, can be easily drilled without damage.

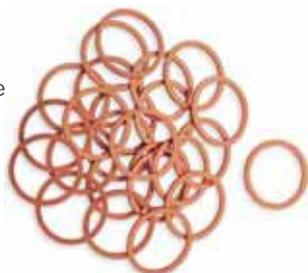


Description	kg	No.
Concrete fixing set	1.90	35120
Thread rod, washer, nut	0.60	35123
Drive-in anchor 12	0.04	35122
Wet drill bit 15 mm	0.20	44815
SDS-plus hammer drill 15 - 160 mm	0.16	11 1429
Masonry fixing set	1.10	35121
Thread rod, washer, nut	0.0	35124
Rawl anchor 12	0.0	35126
Wet drill bit 20 mm	0.22	44820
SDS-plus hammer drill 20 - 300 mm	0.22	11 1449

For tile and natural stone

Copper Rings 1.1/4

- Levels out the unevenness between motor connection and drill bit
- Easy loosening prevents drill bits from getting stuck on the driveshaft



Description	g	No.
Copper Ring 1.1/4"	5	35190

Thread Interfaces

Between motor connection and drill bit



Description	g	No.
R 1/2" external thread onto 1.1/4" NC external thread	500	35080
1.1/4" NC internal thread onto R 1/2" internal thread	00	35095

Water Supply

The sturdy 10 litre pressurized water container made of aluminium is perfectly suited for individual drilling. When drilling large diameters or series drillings, the fully submersible RODIAP P enables a mobile supply of water from buckets or other containers up to a delivery height of 5 meters using a 1" water hose.

Description	kg	No.
Pressurized water container	5.50	35026
Submersible water pump RODIAP P	4.40	35029
Special water supply hose	0.20	35301
Water supply hose with "Aqua-stop"	0.21	35302



Quick connection with the GK adaptor and quick-plug coupling

Prevents the quick jamming of the rotor

Prevents entry of foreign materials and protects the motor shaft

No. FF35029

No. FF35026

Accessories for Diamond Core Drilling Systems

Water Extraction Systems

Description	kg	No.
Water collection ring, stationary up to 130 mm	1.2	35700
Spare rubber membrane for FF35 00	0.3	55131
Water collection ring, hand-operated up to 130 mm	0.	35701
Spare water collection ring discs for FF35 01	0.2	35702
Water collection ring, stationary up to 200 mm	2.5	35730
Spare rubber membrane for FF35 30	0.6	55201



Extensions

1/2" a 1 1/4"

- Easy extension of the drilling depth
- High-quality and robust steel design

Nominal length in mm	kg	R1/2" No.	kg	1.1/4" NC No.
100	0.40	35040	1.00	35060
200	0.90	35045	2.00	35065
300	1.40	35050	3.00	35070
500	2.40	35055	5.10	35075



Support Plates for Centering Pin

31 201

Suitable for FF03300, FF03301, FF03302, FF03303 support plates in connection with centering pin allows a precise drill hole exactly where it is needed.

- Secure hold, drill bit will not slip on the subsurface
- Fast and tool-less assembly / disassembly without the need for screws



Extraction Rotor RODIADUST

e a a a e g a e
- ee g

Provides optimum extraction results in conjunction with RODIA DR CLEANER FF3514 and increases the drilling process, prevents jamming of drill bit and reduces segment wear.

Centering Pin

90 400

universal drilling assistance for hand-operated drilling moveable carbide centering tip, quick and tool-less assembly / disassembly



mm	kg	No.	mm	kg	No.
31	5	03308	111	50	03316
41		03309	121	55	03317
51	10	03310	131	5	03318
61	13	03311	151		03319
1	1	03312	161	0	03320
1	1	03313	1 1	5	03321
91	22	03314	1 1	100	03322
101	44	03315	201	120	03323

Description	g	No.
Extraction Rotor 1.1/4" NC	1000	40056
Extraction Rotor 30 x 2	1000	40057
Centering Pin for extraction rotor 300 mm	330	03300
Centering Pin for extraction rotor 400 mm	330	03301
Centering Pin for extraction rotor 90 mm	330	03302
Centering Pin for extraction rotor 150 mm	330	03299
Counting shaft for centering drill 6-edge	200	03091
Counting shaft for centering drill SDS	200	03092
Adaptor for RODIADRILL 1 00 DWS/DR	100	35097
Centering tip "Quick-Out" in conjunction with FF3509	100	35096





Refrigeration and Air-Conditioning Equipment

e e e e ge a a		
- g e	322	323
a a a a g g a	324	326
e e a e g		327
g a P		328
a - e	329	330
Pe e e		331
ea e e a e g e e	332	334
e ge a a ea e		335
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- g		337
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System Overview

Refrigeration and Air-Conditioning Equipment

ROTHENBERGER, together with specialised trade training institutes, would like to assist you in expanding into a new business: An intensive practical seminar will provide comprehensive training, our trade division will provide you with air-conditioning supplies at great value, and ROTHENBERGER offers you trade-tested tools.

In addition to the innovative ROKLI A Plus 4F, ROTHENBERGER offers a complete range of conventional tools for the refrigeration and air-conditioning industry. Choose between various, wide-range set combinations or single components.

You decide which air-conditioning units you want to offer and you choose the appropriate tool.

Refrigerant Competence Seminar

a a a e a a e a e a
a a - a e a - g e

Get trained to be an air-conditioning leader!

ROTHENBERGER offers refrigerant competence seminars nationwide.

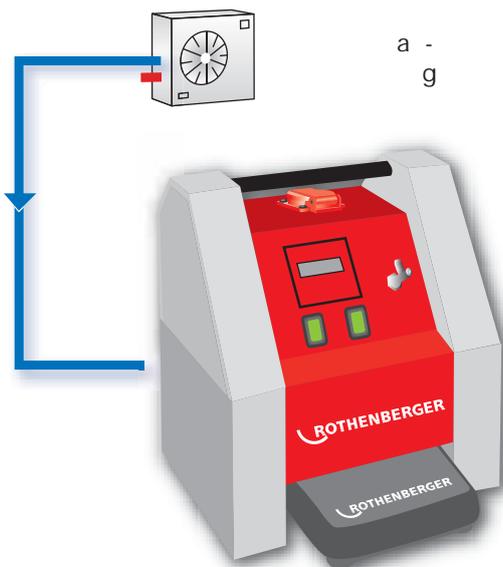
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Evacuation with the RO LIMA PLUS 4F

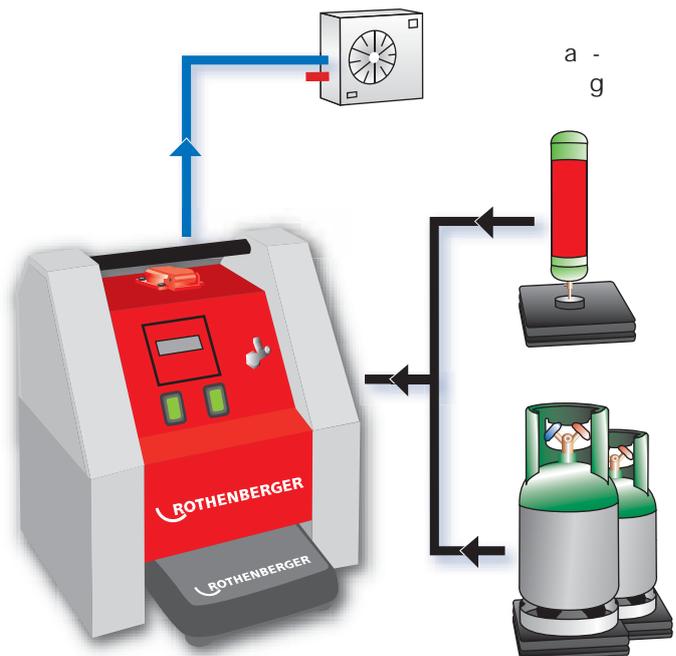


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P 4

- e a a e e
Integrated control
- e e g a e a g a a
e e a a e
"All-in-one" solution
- a a a e a e e ge a
a e a e e ge a
Precision scale up to 35 kg and integrated filling hose
- e g e ge a e e a
a ge
Fill up quantities to the exact gram desired
- e g e e g e
Controller monitors vacuum procedure

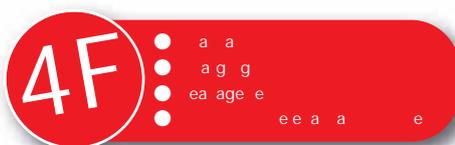
Charging with the RO LIMA PLUS 4F



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g

RO LIMA PLUS 4F

ee 324 325



RO LIMA PLUS 4F

ee 324 325

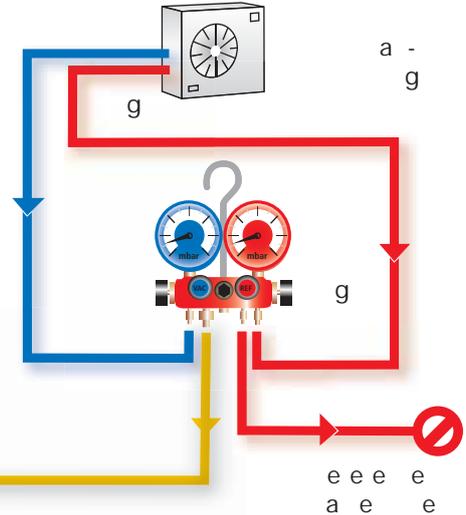
- Two-stage high vacuum pump with stable connections for 2 or 4-way manifolds
- Charge process with precision scale for monitoring of filled refrigerant amounts
- Bottle connection for 1 l and 2.5 l refrigerant bottles

As an orientation guide, we have marked all tools specifically suitable for refrigerants with icons:

410	22	134	407	404	507
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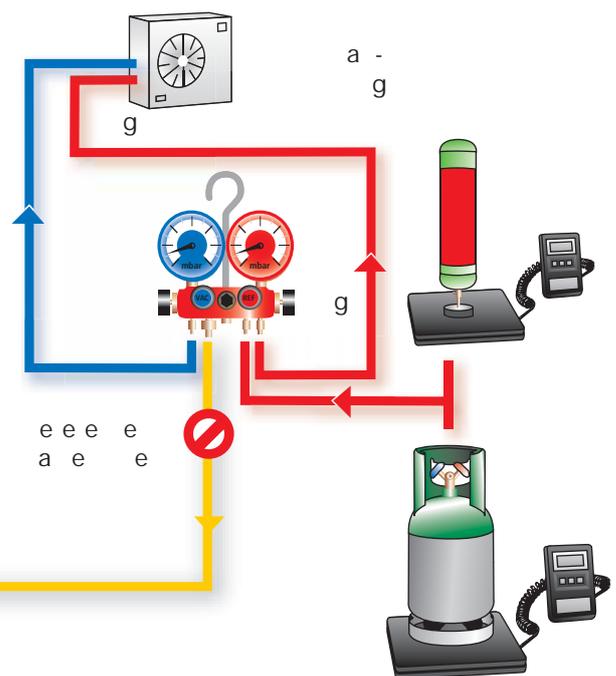
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Evacuation with conventional technology



acuum Pumps
ee 328 329

Charging with conventional technology



acuum Pumps
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10

Fully Automatic Evacuation and Charging Station

ROTHENBERGER LIMA PLUS 4F

The innovative unit enables safe and comfortable operation on refrigeration systems. With simple menu navigation, 4 functions are automatically controlled

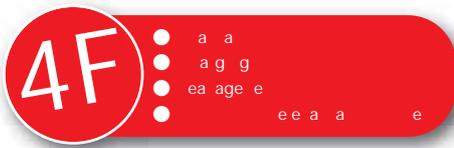


410 22 134 407 404 507

Product Profile

- Evacuation of refrigeration systems
- Charging of refrigeration systems
- Leakage testing of refrigeration systems
- Recovery control of refrigeration systems

Weight: 1 kg
 Capacity: 1 x 10⁻² mbar
 Max. weight: up to 100 kg
 Hose length: 10 g
 Hose diameter: 2.500 mm
 Hose flow: 42 l / min



Universal use on air-conditioning units with all common refrigerants

All required parameters can be easily entered

Protects all components such as vacuum pump and scale

Universal use on air-conditioning units with all common refrigerants

Safe and comfortable operation with refrigerants without the risk of refrigerant loss

Secure stand for large and small containers

For evacuation of the system in accordance with EN 8975

Pressure gauge

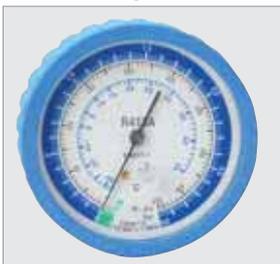
Secure stand for large and small containers

Safe, leak-free filling



10

encased low-pressure gauges for various refrigerants



Secure storage of all accessories pressure gauge



Pressure hoses



Bottle adaptor for scale No. 2.0 / 04 / 05 and reducing pieces / 4



Fully Automatic Evacuation and Charging Station



ROKLI A PLUS 4F in use (evacuation and charging)

P 4

Set (No. 1840.00) includes: 2-stage high vacuum pump, 3 low pressure gauge (R22 No. 1707.01, R407C No. 1707.01, R410A No. 1707.09), 3 pressure hoses with ball valve 2.500 mm (R22 No. 1715.38, R407C No. 1715.38, R410A No. 1715.35), 3 bottle connection adaptor (1/4" fine threaded No. 1732.03, 1/4" SAE No. 1732.05, 5/16" SAE No. 1732.04), 2 reducing pieces 1/4" SAE - 5/16" SAE (No. 1700.16), precision digital scale up to 100 kg, automatic control, vacuum and pressure switch, mineral oil (No. 1692.00)

g 2- age g a

odel	 kg		No.
ROKLI A PL S 4F	1 .0	1	1840 00
Reducer pieces 1/4" SAE F - 5/16" SAE	0.1	1	1700 16

Secure storage of Accessories
pressure hoses bottle adaptor,
plastic capillary hose



Precision scale up to 100 kg



Ergonomic, Compact



Light



10


ROTHENBERGER

Fully Automatic Evacuation and Charging Station

ROKLI A Compact

ROKLI A Compact

With the ROKLI A Compact all common vacuum pumps can be upgraded to a fully automatic evacuation charging station

Product Profile

- 1 Quick operation and easy to use
- 2 Required parameters can easily be entered
- Automatic monitoring of evacuation and charging
- Accurate operation in accordance with ISO 9175
- No risk of refrigerant loss thanks to the simple hose system
- High security of the refrigeration system due to the integrated solenoid check valve

Pressure	2 x 10 ⁻² mbar
Dimensions	200 x 240 x 230 mm
Weight	1.6 kg
Capacity	up to 100 kg
Capacity	10 g

410 22 134 407 404 507



2 Required parameters can easily be entered

All required parameters can be easily entered

230 V



1 Quick and easy operation

Quickly operational and easy to use including 2 adaptors 1/4" - 5/16" SAE

Quickly operational and easy to use including 2 adaptors 1/4" - 5/16" SAE

3 functions in one unit

- Automatic evacuation and charging
- Automatic weighing and charging
- Automatic weighing and charging

Pressure up to 100 g

For big and small containers



Carrying bag No. 20.54

Bottle adaptor for the scale No. 2.0 /04/05



8-in-1 set (No. 1820.00) includes: Control unit with precision digital scale (up to 100 kg), solenoid check valve, solenoid valves in vacuum and charging segment, charging capillary hose and 3 reducing pieces 5/16" SAE M - 1/4" SAE F (No. 1700.16), carrying bag (No. 1820.54)

Model	Weight (kg)	No.
ROKLI A Compact Set	1.6	1820 00
Bottle adaptor 1/4" SAE	0.1	1732 05
Bottle adaptor 1/4" finely threaded	0.1	1732 03
Bottle adaptor 5/16" SAE	0.1	1732 04
Carrying bag	0.1	1820 54
Reducing pieces 1/4" SAE F - 5/16"	0.1	1700 16

Recovery and Recycling Units

ROREC

Compact, portable device for recovery and recycling refrigerants of all kinds



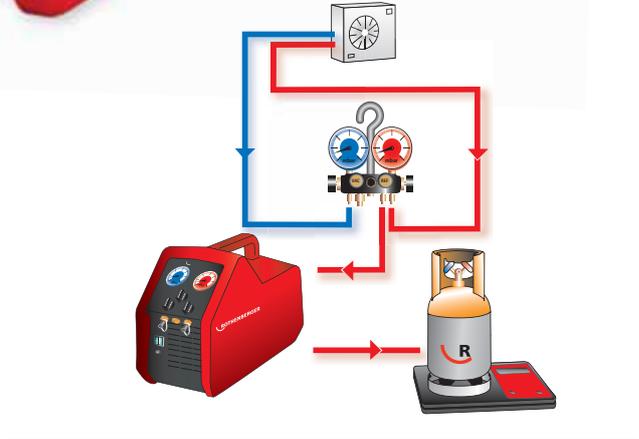
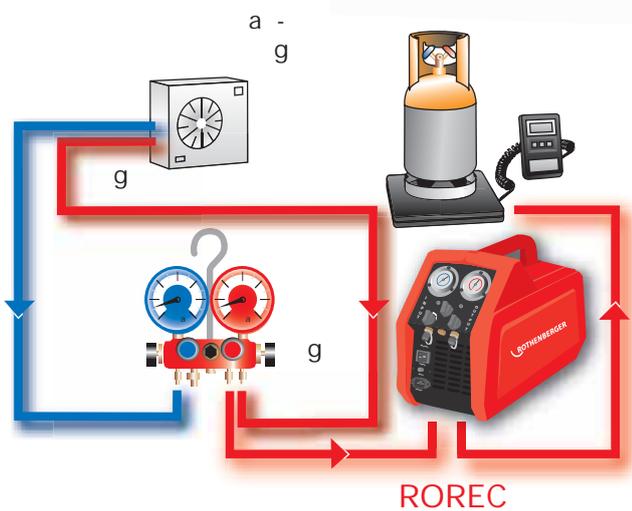
410	22	134	407	404	507
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Product Profile	
1	Protects the integrated components
2	Emptying of the device in order to work with different refrigerants with the PURGE function
3	Maintenance-free operation through the oil-free compressor
4	Simple transport and use with the light and compact plastic casing
5	Reset of the pressure shut-off with the RESET button

Refrigerants	all refrigerants of the type CFC-HCFC-HFC
Recovery rate (gaseous)	0.26 kg / min
Recovery rate (fluid)	1.5 kg / min
Push/Pull	6.22 kg / min
Power supply	110 - 230 V / 50 - 60Hz / 4 - A
Power consumption	30 W
Operating pressure	3.5 bar
Dimensions	500 x 220 x 340 mm
Weight	16 kg



Recovery of Refrigerant



Model	Power consumption	Weight (kg)	Volume (l)	No.
ROREC	30 W	16	1	1686 04



High Vacuum Pumps

ROAIR AC

High vacuum pump

For evacuation in accordance with ISO 8975 with vacuum gauge and solenoid valve

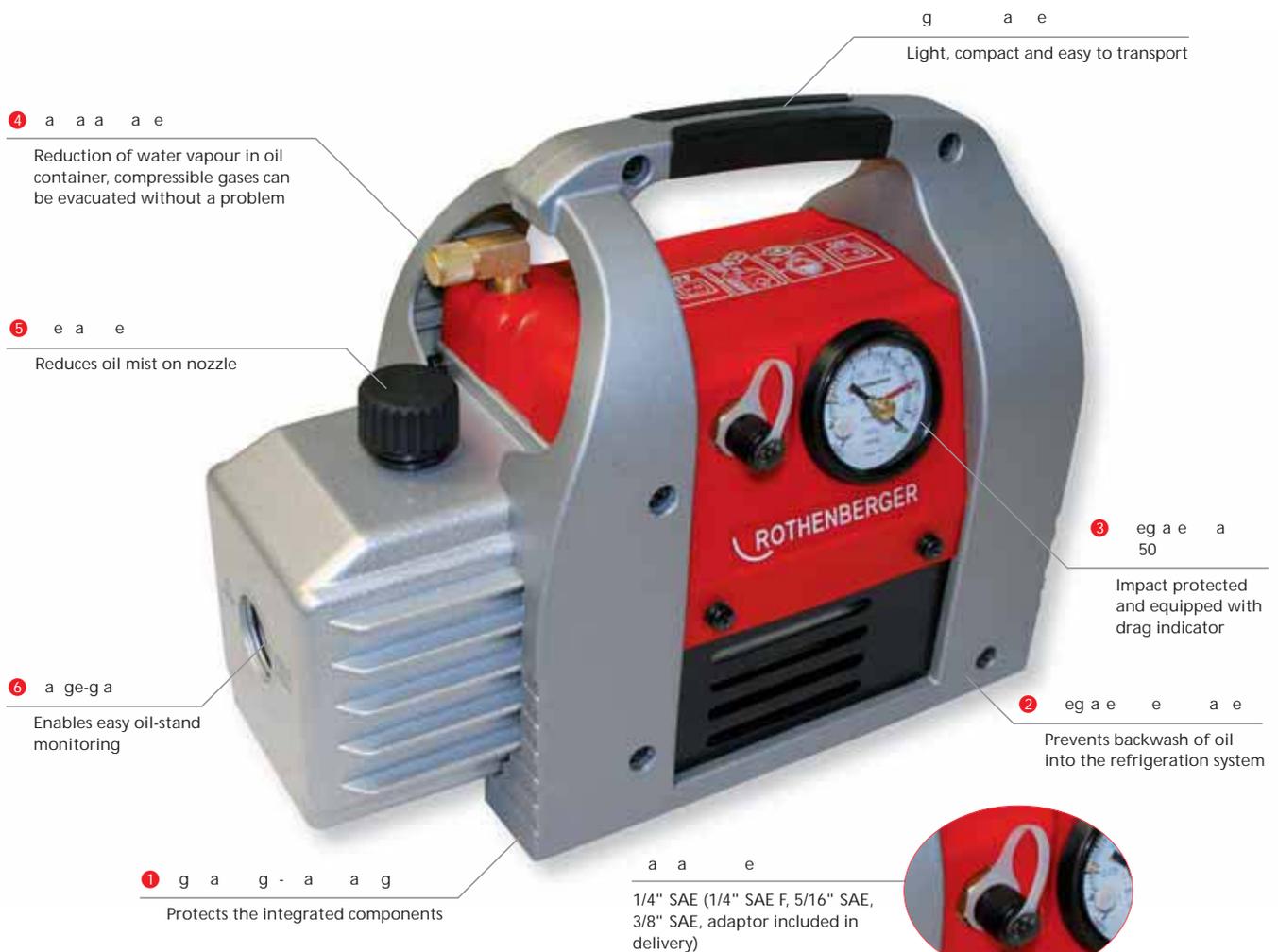
High vacuum pump
with vacuum gauge



Product Profile

- 1 Protects the integrated components with the light and high quality casing
- 2 Solenoid check valve to protect the refrigeration system from oil contamination during power outage
- 3 Vacuum gauge with integrated drag indicator
- 4 Gas ballast valve for reduction of water vapour in the oil container

- 5 Special filter reduces oil mist on nozzle
- 6 Gauge-glass enables easy oil-stand monitoring
- Fast filling of oil without spilling, no special funnel is necessary
- Easy access to the oil drain plug
- Thermal switch protects the unit from the motor overheating



ROAIRVAC .5 (42 l/min)



ROAIRVAC .0 (5 l/min)



ROAIRVAC .0 (0 l/min)



ROAIRVAC .0 (255 l/min)



High Vacuum Pumps and Manifold Sets



ROAIR AC Series

	1.5	3.0	6.0	9.0
Model	1700 61	1700 62	1700 63	1700 64
Capacity	1.5 CF / 42 l / min	3.0 CF / 5 l / min	6.0 CF / 10 l / min	9.0 CF / 255 l / min
Age	2	2	2	2
Accuracy	25 micron / 0.025 mbar			
Capacity	1/4 Hp 120 r/m	1/3 Hp 120 r/m	1/2 Hp 3440 r/m	1 Hp 3440 r/m
Age	230	230	230	230
Frequency	50 Hz	50 Hz	50 Hz	50 Hz
Pressure	1/4"	1/4"	1/4"	1/4"
Connections	1/4" SAE F / 5/16" SAE / 3/8" SAE	1/4" SAE F / 5/16" SAE / 3/8" SAE	1/4" SAE F / 5/16" SAE / 3/8" SAE	1/4" SAE F / 5/16" SAE / 3/8" SAE
Capacity	250 ml	330 ml	330 ml	590 ml
Weight	9.0 kg	10. kg	11.5 kg	17.0 kg
Pressure Gauge	50 mm	50 mm	50 mm	50 mm
Pressure	mbar / pa	mbar / pa	mbar / pa	mbar

Included in delivery with all pumps 1 litre mineral oil (1.1 kg)



Solenoid valve 00.25 and vacuum gauge



Vacuum gauge set (No.1700.25) includes: Solenoid valve, cable, grommet, cable socket and all required adaptors (1/4", 3/8", 5/16"-M SAE)

ROAIRVAC sets include: High vacuum pump with connections 1/4", 5/16" and 3/8" SAE, plastic bottle (1 l) with mineral oil

Model	Performance	kg	No.
ROAIR AC 1.5	42 l / min	9.0	1700 61
ROAIR AC 3.0	5 l / min	10.	1700 62
ROAIR AC 6.0	10 l / min	11.5	1700 63
ROAIR AC 9.0	255 l / min	17.0	1700 64

Description	kg	No.
Mineral oil, 1 litre	1.1	1692 00
Vacuum gauge with central connection	0.3	1700 25

* Available starting in May 2009.

Manifold Sets

Manifold sets



Sets include: Manifold, pressure gauge with Ø 80 mm, "Pulse-free", class 1.6, 3 x 1.500 mm pressure hoses

Model	kg	No.
2-way "Standard"	2.0	1706 00
2-way "Standard"	2.0	1706 07
4-way I "Standard"	2.0	1706 01
4-way I "Standard"	2.0	1706 06
4-way II "Plus"	2.0	1706 02
4-way II "Plus"	2.0	1706 08
Plastic carrying case	1.4	1715 05

Manifold sets: 1706 00 a 1706 07, 1706 01 1706 06, 1706 02 a 1706 08

Durable and highly precise tool



No. 1706.01

Pressure gauges: 1706 02 a 1706 08

No loss of refrigerant



Manifold Sets

Digital Manifold



Product Profile

PP

Suitable for commissioning and maintenance of air-conditioners and heat pumps

- Automatic calculation of overheating / under-cooling
- 1 Simple control of the procedures needed to be performed
- 2 Over 60 different refrigerants can be used
- 3 T-junction with Schrader valve for connection to refrigerant bottle
- 4 Monitoring of the evacuation processed with the included vacuum sensor
- 5 Connection for the clamping thermometer

Pressure	PSI, Bar, Pa, Kg / cm ²
Temperature	F or C
Refrigerant	micron, mBar, Kpa, mmHg
Evacuation	1 psi 0 Bar, 00 Pa, 0 Kg / cm ² / - 1 psi or 1 of the display
Temperature range	0 - 50 psi 52 Bar, 6 Pa, 52 Kg / cm ²
Evacuation range	1000 psi 0 Bar, Pa, 0 Kg / cm ² Tolerated pressure without causing damage
Temperature range	-40 up to 200 F -4 up to 93 C
Temperature range	32 up to 122 F 0 up to 45 C
Temperature range	1 F 0.5 C between 32 up to 160 F 0 up to 1 C
Temperature range	10 up to 120 F 12 up to 49 C
Power source	9 volt battery and AC/DC charger, can be ordered separately
Connection	1/4" SAE /16 NF

Unit with shockproof rubber protector

Unit with shockproof rubber protector

5 Connection for clamping thermometer

Connection for clamping thermometer

5 Connection for clamping thermometer

Connection for clamping thermometer

4 Connection for external vacuum sensor

Connection for external vacuum sensor



1 Simple control of the procedures needed to be performed

Simple control of the procedures needed to be performed

2 Over 60 different refrigerants can be used

Over 60 different refrigerants can be used



3 T-junction with Schrader valve for connection to refrigerant bottle

T-junction with Schrader valve for connection to refrigerant bottle



Set (No. 1705.20) includes: Digital manifold (No. 1705.23), vacuum sensor, (No. 1705.21), clamping thermometer (No. 1705.22), plastic case

Model	Icon	No.
Digital manifold set	1	1705 20
Digital manifold	1	1705 23

Description	Icon	No.
Vacuum sensor	1	1705 21
Clamping thermometer	1	1705 22

Complete set in protective plastic case



External vacuum sensor for monitoring the evacuation



Clamping thermometer automatically calculates overheating / under-cooling



Digital manifold in use



Manifolds and Pressure Hoses

Manifolds

2- a 4- a a

Pressure gauge 80
e- a e g a 16

Easy-to-read, high precision display

Light, secure and precise opening
and closing of the diaphragm
valve, maintenance free



Protects against damage

Sturdy despite low weight

2-way manifold



Manifold extender, 3/8"-F !

Model	kg	No.
22	134	407
2-way, 3 x 1/4" SAE	0.1	1 1705 01
4-way, 3 x 1/4", 1 x 3/8" SAE	0.3	1 1705 02
410		
2-way, 3 x 5/16" SAE	0.1	1 1705 18
4-way, 3 x 5/16", 1 x 3/8" SAE	0.9	1 1705 08

Manifold extender	0.1	1709 20
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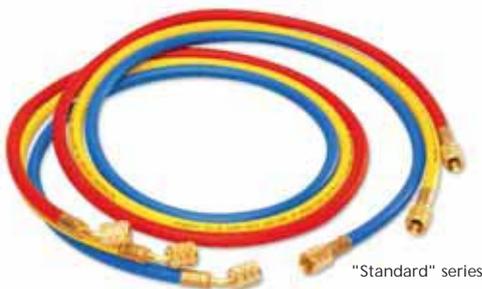
Description	No.
Blue rubber protector for manifold	1705 45
Red rubber protector for manifold	1705 46
Valve inserts for manifold	1705 47

3-piece Pressure Hose Sets

- Pressure hoses "HD" heavy duty with Neoprene seal
- Colour coding blue, red, yellow on the hose ends "HD" and coloured hoses



410 22 134 407



"Standard" series



"Plus" series

Model	L mm	No.
22	134	407
Set with three "Standard" pressure hoses	1.500	1 1715 12
Pressure hose blue	1.500	1 1715 44
Pressure hose red	1.500	1 1715 46
Pressure hose yellow	1.500	1 1715 48
410		
Set with three "Standard" pressure hoses	1.500	1 1715 34
Pressure hose blue	1.500	1 1715 43
Pressure hose red	1.500	1 1715 45
Pressure hose yellow	1.500	1 1715 47

Model	L mm	No.
22	134	407
Set with three "Plus" pressure hoses	1.500	1 1715 17
Pressure hose "Plus" blue	1.500	1 1715 22
Pressure hose "Plus" red	1.500	1 1715 40
Pressure hose "Plus" yellow	1.500	1 1715 42
410		
Set with three "Plus" pressure hoses	1.500	1 1715 34
Pressure hose "Plus" blue	1.500	1 1715 21
Pressure hose "Plus" red	1.500	1 1715 39
Pressure hose "Plus" yellow	1.500	1 1715 41



Measuring and Testing Devices

Torque Wrench Set

Set includes: adjustable torque wrench 10 - 0 Nm and 6 spanner inserts sizes 17, 22, 24, 26, 27 and 29 mm, for flange connections on 1/4", 3/8", 1/2" and 5/16" pipe lines a 3866



Pipe-	Spanner width	ET	Locking torque
1/4"	17 mm	1	1 Nm
3/8"	22 mm	2	42 Nm
1/2"	24 mm	3	55 Nm
1/2"	26 mm	4	55 Nm
5/16"	27 mm	5	65 Nm
5/16"	29 mm	6	65 Nm

odel	kg	No.
Torque Wrench Set in nylon bag including 1 - 6	3.5	1750 01

Schrader Valve Tool

For exchanging the Schrader valve on air-conditioners under pressure, with ball valve and 2 connections 1/4" and 5/16" SAE



Vacuum Gauge

vacuum gauge 0 mm, scale 1,000 - 0 mbar, adjustable with mark pointer for holding the achieved vacuum at a desired pressure level



No. 1693.10



No. 1693.11

odel	kg	No.
1-way vacuum Gauge with safety valve and hooks 1/4" SAE	0.4	1693 10
Flexible vacuum hose, 900 mm, 2 x 1/4" SAE	0.3	1693 11

Description	g	No.
Schrader Valve Tool in plastic carrying case	20	8 7800

Electronic Digital Scales

Automatic switch-off function when not in use, tare-function, zero-setting, switch from gram, kg, lbs, oz: Rubberized scale platform measuring accuracy up to 1 kg: 1 g, up to 5 kg: 2 g No. 1 1731.03, measuring accuracy: 0,5 g, resolution: 10 g No. 1 1730.03



No. 1731.03



No. 1730.03



odel	kg	No.
Precision Digital Scale up to 5 kg battery-powered 4 x AA, dimensions: 230 x 150 x 35 mm	0.5	1731 03
Precision Digital Scale up to 50 kg battery-powered 1 x 9 in plastic case integrated Dimensions: 300 x 260 x 63 mm	2.0	1730 03

10



Nitrogen Set

Pressure and leak test with nitrogen



Product Profile

PP

- Pressure and leak test with nitrogen
- Flushing of the installation
- Nitrogen admission during soldering to prevent scale formation



Complete set

Complete set

Simple use

Simple use



Precise reading of the testing pressure

Set (No. 2590.60) includes: Nitrogen bottle (No. 2590.08), pressure reducing valve, connection hose, bottle adaptor, pressure gauge and plastic case

Model	kg	No.
Nitrogen Set with bottle No. 2590.0	5	2590 60
Nitrogen bottle, each 950 cm ³	1	2590 08

Pressure gauge, complete	2590 11
Filling hose 1/4" SAE, 1,500 mm	2590 12
Filling hose with pressure gauge	2590 10
Connection 5/16" SAE internal, 1/4" SAE external	2590 07

RO-LEAK

For locating leaks in refrigeration systems

3 g/a



7

Determine battery status and refrigerant concentration level



Adjusts to the sensor tip zero point setting for simple leak location

Exact location of the leak

Exact location of the leak

Easy access in hard-to-reach places

Easy access in hard-to-reach places



Durable and highly sensitive sensor tip with leak location from 3 g/a

410	22	134	407	404	507
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Model	No.
RO-LEAK set with spare sensor and 2 batteries in plastic case	0873 04
Spare sensor	0873 03



Measuring and Testing Devices

Digital Thermo-Hygrometer

Precision battery-operated thermo-hygrometer



Measurement range for temperature: -50 up to 150 °C, 5 - 300 °F
 Measurement range for relative humidity: 2 - 99% RH, Display of min./max. values



Model	Weight (kg)	No.
Precision battery-operated thermo-hygrometer button cell included	0.2	0885 00

RO-therm 03

Precision thermometer

Measurement range: -40 - 200 °C, -40 - 392 °F



Model	Weight (kg)	No.
Precision thermometer, battery-power button cell included in delivery	0.1	0884 00
Dimensions: 100 x 100 x 100 mm		

RO-Seal

Universal seal for sealing of air-conditioning units and for documentation of proper service: Blue seal for low pressure areas, red seal for high pressure areas. Sticker labels with consecutive numbering for identification.



No. 0879.00



Model	No.
RO-Seal, package with 25 pieces per colour and sticker labels for 1/4", 3/8", 1/2"	0879 00
for 5/16"	0879 01

Bottle Connection and Adaptors

For use with new refrigerant bottles on existing equipment

For use with new refrigerant bottles on existing equipment



No. 1709.50



No. 1732.03, No. 1732.04, No. 1732.05

Description	No.
Bottle adaptor for 5 kg scale bottle threads	
1/4" fine threaded	1732 03
1/4" SAE	1732 05
5/16" SAE	1732 04
For 2.5 l bottles: Bottle connection adaptor	
W 21.0 x 1/4" SAE with seal	1709 50
Adaptor 1/4" F - 5/16" SAE	1709 16
Adaptor 1/2" SAE F - 1/4" SAE	1709 01
Adaptor 1/2" SAE F - 5/16" SAE	1709 15
Adaptor 3/8" SAE F - 3/8" SAE	1709 18



Refrigerant for Air-conditioning Units

Environmentally friendly, non-chlorinated refrigerant of the HFC group in practical 40 bar steel bottles - bursting pressure: 165 bar
T seal No. 0036-043/03D and TPED accepted as per 99/36/CE



- Light and practical for use on building-sites
- 1 and 2.5 litre steel bottles, rent-free and easy disposal

Model	Contents	No.
407 Refrigerant R407C in cardboard packaging		
1 l-steel bottle	1 12 50 g	1709 13
2.5 l-steel bottle	1 6 2000 g	1709 31
410 Refrigerant R410A in cardboard packaging		
1 l-Steel bottle	1 12 00 g	1709 12
2.5 l-Steel bottle	1 6 2000 g	1709 32



Refrigerant Recycling Bottles

Empty, welded press gas bottles for collection of exhausted, new or used refrigerant. Volume: 14.5 litre, maximum filled weight: 10.0 kg, double connection valve for gaseous and fluid removal with dip pipe for standing bottle. With 2-way fill / disposal valve, bottle label and complete ADR papers



Model	mm	Height mm	No.
Recycling bottle 1/4" SAE including complete refrigerant recycling	230	510	1709 52

2-way / Liquid and gaseous removal possible



No rent, no separate disposal costs

Prevents overfilling, no danger of explosion due to increase of temperature

SANIFRESH

- Practical and ecologically friendly solution for removing mites, dust, bacteria and spores
- Economical spray-can with spray nozzle and spray tube
- Pleasant mint smell

Model	Contents	No.
Sanifresh contains 12 bottles	1 12 400 ml	0858 00

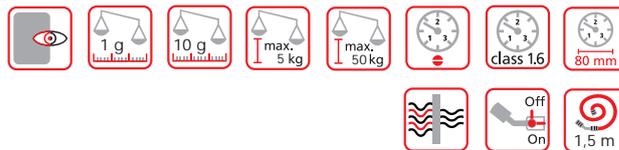


Universal Sets for Evacuation and Charging

ROCADDY 5 and ROCADDY 50

e a e e a a a a g g

The ROCADD sets contain all the components for evacuation and charging of air-conditioning units with all common refrigerants in a secure rolling transport case. Every part meets the requirements of the professional air-conditioning trade



410 22 134 407 404



Simple and comfortable transport with ample room for accessories and small parts

Secure mounting of the bottle during charging

Secure mounting of the bottle during charging

Safe and comfortable operation with refrigerants without the risk of refrigerant loss

Safe and comfortable operation with refrigerants without the risk of refrigerant loss

2-stage vacuum pump

For evacuation and removal of all moisture residue in refrigeration systems during installation per DIN 8975

Precise weighing of refrigerants

Precise weighing of refrigerants

With scale for all common refrigerants

With scale for all common refrigerants

4-way manifold for low and high pressure gases



ROAIRVAC 1.5 with solenoid valve and vacuum gauge



ROCADDY 50 with 50 kg scale



2 sets of pressure hoses with series Plus with ball valve



e a e e a a a a g g

15-litre set includes: 2-stage high vacuum pump ROAIRVAC 1.5 (No. 1700.61) with vacuum gauge and solenoid valve, 4-way manifold for R22, R134a, R407C (No. 1705.02), 4-way manifold for R410A (No. 1705.08), set of 3 pressure hoses each 1.500 mm with ball valve for R22, R134a, R407C (No. 1715.17), set of 3 pressure hoses each 1.500 mm with ball valve for R410A (No. 1715.20), precision digital scale up to 5 kg (No. 1731.03), 3 bottle connections for 1 litre and 2.5 litre refrigerant bottles (No. 1732.03/04/05) as well as mineral oil 0.4 litre (No. 1692.00) for the high vacuum pump and plastic transport case (No. 1690.51) 50 (No. 1690.35) with 50 kg scale (No. 1730.03)

Model	Performance	kg		No.
ROCADDY 5 with 5 kg scale	4 l / min	19	1	1690 25
ROCADDY 50 with 50 kg scale	4 l / min	21	1	1690 35



Tool Set Klima

Practical tool set with all tools required for installation and maintenance of air-conditioning units such as split units

Product Profile

- 1 Monitor temperature and pressure
- 2 Quality hoses with high bursting pressure
- 3 For all pipe cross-sections from 6 - 35 mm (1/4" - 1.1/8")
- 4 For all pipe cross-sections from 3 - 22 mm (1/8" - 7/8")
- 5 Measurement of ambient and ventilator air temperature
- 6 Clean, kink-free bending of all common pipe cross-sections
- 7 Optimum flaring connections for all types of air-conditioners



- 1 2-way manifold (No. 1705.01), set of pressure hoses 1/4" SAE, telescopic pipe cutter (No. 7.0027C), minicut pipe cutter (No. 7.0401C), thermometer, set of bending springs 3/8" - 1/2" - 5/8", universal flaring tool (No. 2226.01), plastic case
- Monitors temperature and pressure



- 7 Optimum flare connections for all types of air-conditioning units

- 2 Quality hoses with high bursting pressure

- 3 For all pipe cross-sections from 6 - 35 mm (1/4" - 1.1/8")

- 4 For pipe cross-sections from 3 - 22 mm (1/8" - 7/8")

- 6 Clean, kink-free bending of all common pipe diameters

- 5 Temperature measurement of ambient and ventilation air

No. 1706.04

9- a tool set Klima I (No. 1706.04) includes: 2-way manifold (No. 1705.01), set of pressure hoses 1/4" SAE, telescopic pipe cutter (No. 7.0027C), minicut pipe cutter (No. 7.0401C), thermometer, set of bending springs 3/8" - 1/2" - 5/8", universal flaring tool (No. 2226.01), plastic case

9- a tool set Klima II (No. 1706.05) includes: 2-way manifold (3 x 5/16"), set of pressure hoses 5/16" SAE, telescopic pipe cutter (No. 7.0027C), minicut pipe cutter (No. 7.0401C), thermometer, set of bending springs 3/8" - 1/2" - 5/8", reeling flaring tool (No. 2224.03), plastic carrying case

odel	kg		No.
22	134a	407	404
Tool Set Klima I	2.3	1	1706 04

odel	kg		No.
410			
Tool Set Klima II	2.3	1	1706 05



Refrigerant Data

e ge a a a -a e a e e ge a

e ge a		P	P	e e a e g e
R22 HFC-CFC refrigerant	CHCLF2	0.05	1 00	
R134a HFC chlorine-free refrigerant	CF3CH2F	0	1300	
R32 HFC chlorine-free refrigerant	CH2F2	0	5 0	
R404A HFC chlorine-free blends	52 R143a, 44 R125, 4 R134a	0	3 50	
R50 HFC chlorine-free blends	50 R143a, 50 R125	0	3 00	
R40 C HFC chlorine-free blends	23 R32, 25 R125, 52 R134a	0	1610	.5K
R410A HFC chlorine-free blends	50 R32, 50 R125	0	1 90	0.2K

ODP Ozone Depletion Potential
GWP Global Warming Potential

a e a e e e e ge a

e ge a

- Wear protective gloves and safety goggles
- Do not let refrigerant come in contact with skin
- Do not inhale high concentrations of vapours
Lack of oxygen causes a narcotic effect and is a danger to life

- Do not smoke around refrigerant
- Working place / room must be thoroughly aired, if necessary extracted

e ge a e

- Secure against accidents, do not throw
- Do not expose to direct sunlight and do not place near radiators or other heat sources
- Do not use open flame

- Do not disassemble or remove valves
- Damaged bottles need to be properly returned
- Close empty containers

- e

- Air-conditioner leaks need to be repaired immediately
- Do not allow refrigerant to leak while filling or doing maintenance work

- In high concentrations for example pipe burst, leave the room and do not enter again until it has been properly ventilated
- Only do brazing work together with protective nitrogen gas and only in well ventilated areas

a e e

Flare outer diameter in relationship to the pipe diameter

P e e a e e /	e	a e e a e e 22- 134a- 404- 407 a - e	a e e a e e 410 a - e
6 mm		9 mm	9.1 mm
mm		11 mm	11.1 mm
10 mm		13 mm	13.2 mm
12 mm		16 mm	16.5 mm
15 mm		19 mm	19.2 mm
1/4"	6.35 mm	9 mm	9.1 mm
3/ 4"	9.52 mm	13 mm	13.2 mm
1/2"	12. 0 mm	16.2 mm	16.6 mm
5/ 8"	15. mm	19.4 mm	19. mm

10



Refrigerant Data

e a e e e a e

a			a
10	516	.5	52
5	3 59	3.6	56
2	1503	1.5	5
1	52	0. 5	59
0.5	3 6	0.36	
0.4	300	0.30	
0.3	225	0.23	
0.2	150	0.15	
0.1	5	0.0	
0.09	6		
0.0	53		
0.06	45		
0.05	3		
0.04	30		
0.03	22		
0.02	15		
0.01			

e a e e e

Conversion from C in F: C x 1. 32 F
 Conversion from F in C: F-32 : 1. C

100	212	65	149	30	6	10	14
95	203	60	140	25		20	4
90	194	55	131	20	6	30	22
5	1 5	50	122	15	59	40	40
0	1 6	45	113	10	50	50	5
5	16	40	104	4	39	60	6
0	15	35	95	0	32		
						2 3	460

ea

- ea	- ea	e a e e a	e a a e e	e e	e e
1/16" - 20	1/4"	11.0 9	9. 3	20	1.2 0
1/2" - 20	5/16"	12.66	11.32	20	1.2 0
5/ " - 1	3/ "	15. 39	14.34	1	1.411
3/4" - 16	1/2"	19.012	1 .330	16	1.5
/ " - 14		22.1 4	20.262	14	1. 14
/ " - 14	5/ "	22.1 4	20.262	14	1. 14
1" - 14	3/4"	25.35	23.43	14	1. 14
11/16" - 14		26.94	25.024	14	1. 14
11/ " - 12		2 .529	26.2 4	12	2.11
11/4" - 12	/ "	31. 04	29.459	12	2.11
13/ " - 12		34.	32.634	12	2.11
11/2" - 12	1	3 .052	35. 09	12	2.11



Icons

Overview of all icons

e b g P
a e



45 g e

ROTHENBERGER

POWER FIRE Compact

P a g e 22
a d S s d e g 35

ROTHENBERGER Plus TECHNOLOGY

S

a c e s c s

- With Piezo ignition in button
- For use in all positions (MAPP® Gas)
- Compact and 45% lighter (compared to POWER FIRE)

g 7/16" EU
a g up to Ø 22 mm
S s d e g up to Ø 35 mm

Description No.

POWER FIRE Compact Set (including MAPP® Gas) **3 0813**

s s a e gas ca dges ca e d ages 182/183

-  = Lock button
-  = Piezo ignition
-  = Fine adjustment of the flame
-  = 360° rotatable
-  = Hot Brazing 450° - 1100 °C

g P 01

-  Ergonomic Design
-  Up to 50% time-saving
-  Softgrip
-  Transport case
-  Emergency stop switch
-  AC 230 V
-  Three-phase current 400 V
-  Cable length 5 m
-  Battery + AC operation possible
-  Battery operation
-  Battery charger

Pe g e g - a e P e P e g P 02

-  Can be used in confined spaces
-  Balance point in handle
-  Transport case
-  Emergency stop switch
-  AC 230 V
-  Cable length 5 m
-  Battery + AC operation possible
-  Battery operation
-  Battery charger

ee P e P e g P 03

-  Can be used in confined spaces
-  Can be used overhead
-  Portable operation
-  Meets DIN standards
-  Environmentally friendly
-  Transport case
-  AC 230 V
-  AC 110 V

P e a a P 04

-  MLP / Multi-layer pipe
-  Ergonomic Design
-  Handy
-  Suitable for tight spaces
-  Fast cut
-  No deformation from use
-  Meets DIN standards
-  Transport case
-  Counter display
-  Heed safety warning
-  Heed Industrial safety
-  Don't sharpen
-  Don't use defective cutter wheels

Overview of all icons

e b g P

e g ea ga ee g e g P 05

	Can be used overhead		Portable operation		Environmentally friendly		Meets DIN standards		Transport case		AC 230 V
	Battery + AC operation possible		Battery operation		Battery charger		Battery-powered				

e g a ga e g e g P 06

	Handy		Bayonet coupling		Push lock		Thread lock		Lock button		Piezo ignition
	= Fine adjustment of the flame		360° rotatable		Sturdy casing		Economy valve		Constant pressure control		Acetylene control
	Oxygen control		Propane control		Meets DIN standards		Blowback prevention		Transport case		AC 230 V
	AC 110 V		On / off switch		Filling supports		Basic Soft-soldering up to 450 °C		Hot Brazing 450 ° - 1100 °C		Max Autogen welding 1100 °C

Pa e g e g P 07

	Portable operation		Transport case		AC 230 V		AC 115 V		AC 110 V		Three-phase current 400 V
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P e / a ea ga e P 08

	One-handed operation possible		Portable operation		Sturdy casing		Transport case		AC 230 V		AC 115 V
	AC 110 V		Battery + AC operation possible		Battery operation		Battery charger		Battery-powered		Memory card
	With USB connection		With Video function		With Photo function						

a e g P 09

	AC 230 V		AC 110 V		Dry drilling		Wet drilling
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e ge a a - g e g P 10

	Inspection window		Measuring accuracy up to 1 g		Measuring accuracy up to 10 g		Scale range max. 5 kg		Scale range max. 50 kg		Scale range max. 100 kg
	Pressure gauge display adjustable		Pressure gauge class 1 - 6		Pressure gauge 80 mm		Impact protection		Shock absorption		Pressure hose ball valve
	Pressure hose length 1.5 m		Pressure hose length 2.5 m		Meets DIN standards		Transport case		AC 230 V		Battery-powered