



PLASTIC PIPE WELDING TECHNOLOGY

ROWELD CATALOG

Status: 01 / 2024







Innovation, quality and service: Welcome to the world of ROTHENBERGER

Pipelines for energy and water are the world's lifelines. Like the arteries in the human body, they ensure that heat, fuel and life-giving water reach their recipients—an essential contribution to our quality of life.

For more than 70 years, ROTHENBERGER has been providing innovative and reliable pipe processing tools and machines to ensure that these lifelines reach more and more people and remain in good condition. This is how we support craftsmen in their challenging work every day. On construction sites all over the world. Safe and sustainable.





Plastic pipe welding

Butt welding hydraulic

ROWELD type Premium CNC	8
ROWELD type Professional	9
ROWELD type Standard	10
Machines for workshop	12

Butt welding manual

ROWELD P110	15
ROWELD P160 SANILINE	17
ROWELD P250A	18

Electrofusion welding

Electrofusion welding units	20-21
-----------------------------	-------

Socket welding

Socket welding units / heating plates	22-23
---------------------------------------	-------

Accessories

Tools	26-29
-------	-------

Cutters & Handtools

30-35

The new generation of ROWELD hydraulic controls for butt welding

The ROWELD hydraulic butt welding machine is available in a Premium CNC, Professional and Standard Version.

Everything at a glance ...

	Type Premium CNC	Type Professional	Type Standard
Operation	automatic	manual	manual
Available sizes	90–630 mm	40–1,200 mm	40–1,200 mm
Pressure display	digital	analogue	analogue
Temperature control	optimized ¹	optimized ¹	standard
Clamping system	single	single	multilayer (single optional)
Service	extended	extended	standard ²
Datalogging	10,000 protocols	○	optional
Accordance to normatives	DVS/ISO	DVS/ISO	○
Weight optimized machine	●	●	○
Optimized power consumption for generator use	●	●	○
Automatic parameter calculation	●	○	○
CNC-control	●	○	○

1) Temperature control +/- 5°C

2) Only spare parts



Special features ...



Fig. similar



Type Premium CNC

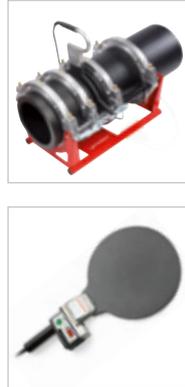
- Lightweight frame and longlife components.
- Triple coating of heating elements for a longer lifetime and better heat distribution.
- Simple operation Via touch control panel.
- Full documentation of the welding process.

Type Professional

- Lightweight frame and longlife components.
- Triple coating of heating elements for a longer lifetime and better heat distribution.

Type Standard

- Timer and temperature controller integrated in hydraulic.
- Angled frame.



Butt welding workshop machines

Scope of application:

The ROTHENBERGER butt welding workshop machines can be used to process pipes made of PE, PP and PVDF into T-pieces, bends, angles or Y-pieces. They are available with both manual control and CNC control. In addition to logging the welding parameters, the CNC control also enables consistent, continuously good quality of the welds.

Application Benefits:

Due to the torsionally rigid design, the welding forces are transmitted safely. The precise control of the welding forces as well as the electronic adjustment of the heating element temperature enable welding according to DVS 2207 or other international standards and guidelines. The compact design of the machines require a minimum space requirement with maximum possibilities for the production of molded parts.



ROWELD type Premium CNC

Hydraulic butt-welding machine Ø 90–630 mm

The PREMIUM hydraulic system guides the user step by step through the welding process and automatically logs all welding parameters. Welding can be performed according to DVS 2207 as well as other international standards and guidelines. The data transfer is carried out via USB interface.

Working range:

Description	Ø mm
P250B SA	90–250 mm
P250B VA	90–250 mm
P355B SA	90–355 mm
P355B VA	90–355 mm
P500B SA	200–500 mm
P630B SA	315–630 mm

Application Benefits

- Use of durable materials in lightweight construction
- Automatic logging of the welding process
- Easy handling due to touch control panel

Flexible

The 3rd basic clamping element can be moved flexibly



Set P355B
No. 1000000563

Robust, torsionally rigid frame

Allows reliable weldings in Virtually any environment

Simple operation

Ideally matched components allow precise start-up of the pressure



Simple operation via touch control panel



Trimmer with safety switch. Secures against unintended activation of the trimmer



Safe operation—automatic calculation, control and inspection of the welding parameters



The pull-off fixture allows rapid lifting out of the heating element



ROWELD plastic pipe welding machines type Premium CNC¹

Model	Working range	Voltage	Frequency	Power	Weight	No.
ROWELD P250B Premium CNC SA basic set	90–250 mm	230 V	50 Hz	3.2 kW	125.900 kg	1000000560
ROWELD P250B Premium CNC SA basic set	90–250 mm	230 V	60 Hz	3.2 kW	125.900 kg	1000000884
ROWELD P250B Premium CNC VA basic set	90–250 mm	230 V	50 Hz	3.2 kW	132.900 kg	1000000561
ROWELD P250B Premium CNC VA basic set	90–250 mm	230 V	60 Hz	3.2 kW	132.900 kg	1000000885
ROWELD P355B Premium CNC SA basic set	90–355 mm	230 V	50 Hz	4.2 kW	131.800 kg	1000000563
ROWELD P355B Premium CNC SA basic set	90–355 mm	230 V	60 Hz	4.2 kW	131.800 kg	1000000886
ROWELD P355B Premium CNC VA basic set	90–355 mm	230 V	50 Hz	4.2 kW	148.400 kg	1000001081
ROWELD P355B Premium CNC VA basic set	90–355 mm	230 V	60 Hz	4.2 kW	148.400 kg	1000001082
ROWELD P500B Premium CNC SA basic set	200–500 mm	400 V	50/60 Hz	7.2 kW	389.000 kg	1000000565
ROWELD P630B Premium CNC SA basic set	315–630 mm	400 V	50/60 Hz	11.2 kW	526.000 kg	1000000567

¹) ROWELD basic sets consist of: The basic unit with high-pressure hoses and 4 base clamping units, an hydraulic device, heating element, milling device, adjusting box, set of tools and transport box. The desired reduction clamping elements can be ordered separately in the desired size or as a set for the respective machine size.

ROWELD type Professional

Hydraulic butt welding machine Ø 40–1,200 mm

For butt welding of PE, PP and PVDF pipes and fittings on the construction site, in the pipe trench and in workshops. The hydraulic system with infinitely variable pressure adjustment, pressure accumulator and easy-to-read pressure gauge ensures reliable operation through the use of durable and low-maintenance components.

Working range:

Description	Ø mm
P160B	40–160 mm
P200B	63–200 mm
P250B	90–250 mm
P355B	90–355 mm
P500B	200–500 mm
P630B	315–630 mm
P800B	500–800 mm
P1200B	710–1,200 mm



Fig. similar

Simple operation

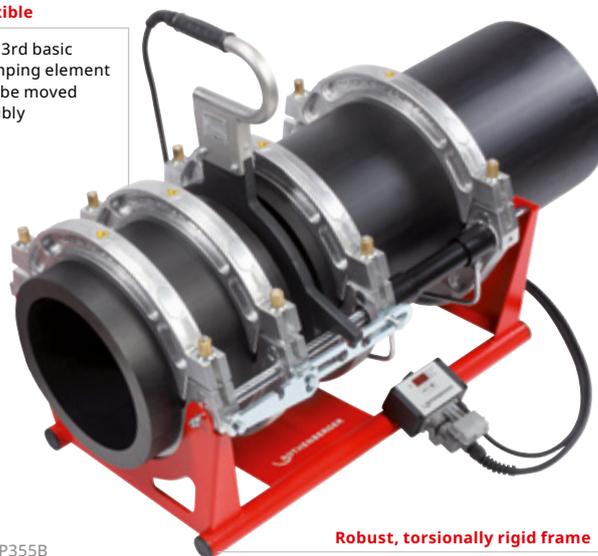
Ideally matched components allow precise start-up of the pressure

Application Benefits

- Use of durable materials in lightweight construction
- Robust and low-maintenance compact design
- Electronic control of the heating element temperature

Flexible

The 3rd basic clamping element can be moved flexibly



Set P355B
No. 1000000383

Robust, torsionally rigid frame

Allows reliable weldings in Virtually any environment

ROWELD plastic pipe welding machines type Professional¹

Model	Working range	Voltage	Frequency	Power	Weight	No.
ROWELD P160B Professional basic set	40–160 mm	230 V	50 Hz	2.1 kW	76.600 kg	1000000997
ROWELD P160B Professional basic set	40–160 mm	230 V	60 Hz	2.1 kW	76.300 kg	1000000823
ROWELD P200B Professional basic set	63–200 mm	230 V	50 Hz	2.3 kW	64.800 kg	55391
ROWELD P200B Professional basic set	63–200 mm	230 V	60 Hz	2.3 kW	64.400 kg	1000000863
ROWELD P250B Professional basic set	90–250 mm	230 V	50 Hz	2.9 kW	120.400 kg	1000001080
ROWELD P250B Professional basic set	90–250 mm	230 V	60 Hz	2.9 kW	120.000 kg	1000000864
ROWELD P355B Professional basic set	90–355 mm	230 V	50 Hz	3.9 kW	126.300 kg	1000000383
ROWELD P355B Professional basic set	90–355 mm	230 V	60 Hz	3.9 kW	125.900 kg	1000000824
ROWELD P500B Professional basic set	200–500 mm	400 V	50 Hz	6.5 kW	377.000 kg	53415
ROWELD P500B Professional basic set	200–500 mm	230 V	50 Hz	7.8 kW	241.400 kg	53425
ROWELD P500B Professional basic set	200–500 mm	230 V	60 Hz	7.7 kW	240.000 kg	1000000820
ROWELD P500B Professional basic set	200–500 mm	400 V	60 Hz	6.4 kW	375.000 kg	1000000825
ROWELD P630B Professional basic set	315–630 mm	400 V	50 Hz	11.1 kW	527.000 kg	53355
ROWELD P630B Professional basic set	315–630 mm	400 V	60 Hz	11.0 kW	525.000 kg	1000000865
ROWELD P800B Professional basic set	500–800 mm	400 V	50/60 Hz	18.6 kW	747.000 kg	54190
ROWELD P1200B Professional basic set	710–1,200 mm	400 V	50/60 Hz	22.6 kW	1,210.000 kg	54274

¹) ROWELD basic sets consist of: The basic unit with high-pressure hoses and 4 base clamping units, an hydraulic device, heating element, milling device, adjusting box, set of tools and transport box. The desired reduction clamping elements can be ordered separately in the desired size or as a set for the respective machine size.

ROWELD type Standard

Hydraulic butt welding machine Ø 40-1,200 mm

For butt welding of PE, PP, and PVDF pipes and fittings. For use on the construction site, in pipe trenches, on pipe bridges and in workshops. The ROWELD hydraulic type standard with simple robust components and easy to operate elements works in any environment.

Working range:

Description	Ø mm
E160B	40-160 mm
E250B	90-250 mm
E315B	160-315 mm
E355B	160-355 mm
E450B	200-450 mm
E500B	200-500 mm
E630B	315-630 mm

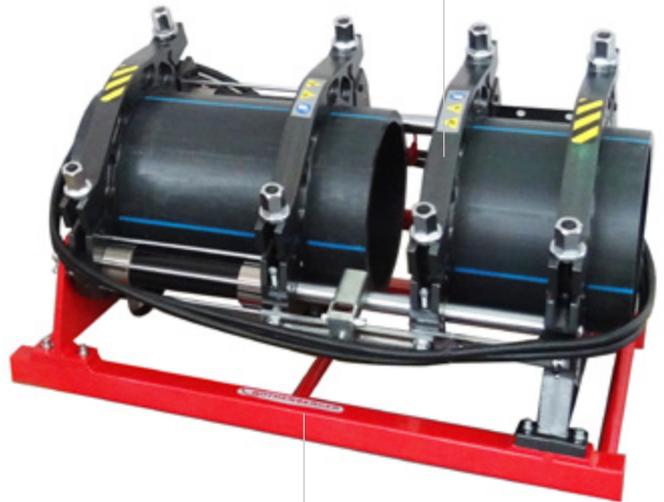
Other sizes on request.

Application Benefits

- Compact, torsion-resistant design
- Reducers in sandwich construction
- Integrated digital timer and temperature display in hydraulic housing

Flexible

The 3rd basic clamping element can be moved flexibly



Robust, torsionally rigid frame

Allows reliable weldings in Virtually any environment

Simple operation

Easy monitoring of all necessary parameter



Supply of power for heating element and trimmer unit by the hydraulic. Additional plugs for external data logger (optional accessories)



Simple & save monitoring of all necessary welding parameters



Multilayer-inserts for the needed pipe sizes included in the machine sets



Angled frame sizes 450 / 500 / 630 mm ensure a better handling during the welding process



ROWELD plastic pipe welding machines type Standard¹

Model	Working range	Voltage	Frequency	Power	Weight	No.
ROWELD E160B Standard set	40-160 mm	220 V	50 Hz	2.45 kW	57.400 kg	1000003642
ROWELD E250B Standard set	90-250 mm	220 V	50 Hz	3.85 kW	82.200 kg	1000003643
ROWELD E315B Standard set	160-315 mm	220 V	50 Hz	4.45 kW	124.400 kg	1000003644
ROWELD E355B Standard set	160-355 mm	220 V	50 Hz	5.58 kW	140.700 kg	1000003645
ROWELD E450B Standard set	200-450 mm	380 V	50 Hz	8.38 kW	327.000 kg	1000003646
ROWELD E500B Standard set	200-500 mm	380 V	50 Hz	9.50 kW	482.000 kg	1000003647
ROWELD E630B Standard set	315-630 mm	380 V	50 Hz	12.35 kW	502.000 kg	1000003648

¹) ROWELD standard sets consist of: The basic unit with high-pressure hoses and 4 base clamping units, an hydraulic device, heating element, milling device, adjusting box, set of tools, multilayer inserts and transport box.

Reduction inserts sets

The reduction clamp sets are made of aluminum half shells. When needed they will be fixed in the basic clamps by screws to weld pipes and fittings with smaller diameter

Reducer clamp sets are recommended for all workers who need the complete range of reducer clamps. The set includes 6 wide half shells and 2 small half shells per dimension. They are suitable for gas, water and industrial applications

Application Benefits

- Easy reducing the basic clamps by reducer inserts
- All possible reducer inserts are combined in a set



Model	Weight	PU	No.
Reduction inserts set for P160B 40–140 mm	18.050 kg	1	55240
Reduction inserts set for P200B 63–180 mm	11.500 kg	1	55237
Reduction inserts set for P250B 90–225 mm	14.600 kg	1	55241
Reducer-Clamps set for P355B 90–140 mm	31.000 kg	1	100000550
Reducer-Clamps set for P355B 160–315 mm	70.000 kg	1	100000385
Reduction inserts set for P500B 200–450 mm	250.000 kg	1	55234
Reduction inserts set for P630B 315–560 mm	213.000 kg	1	55232
Reducer-Clamps set for P800B 500–710 mm	503.200 kg	1	100000935
Reducer-Clamps set for P1200B 710–1,000 mm	1,384.000 kg	1	100000936

ROWELD lift-out devices

Model	Weight	PU	No.
For P500B, 400 V	123.000 kg	1	53410
For P630B, 400 V	163.000 kg	1	53323
For P800B, 400 V	270.000 kg	1	054176H
For P1200B, 400 V	350.000 kg	1	54253
For E450 / 500 / 630 B, 400 V	123.000 kg	1	1000003649

Spare blade for ROWELD trimmer

Model	Weight	PU	No.
For Planhobel P250B, 250 mm	0.100 kg	1	55163
For Planhobel P355B, 355 mm	0.200 kg	1	55446
For Planhobel P500B, 500 mm	0.300 kg	1	55233
For Planhobel P630B, 630 mm	0.400 kg	1	53322

PU 1 = Content 2 pieces

ROWELD pipe roller, galvanized

Model	Weight	PU	No.
Size 1 up to 315 mm up to 300 kg	4.000 kg	1	53055
Size 2 up to 500 mm up to 500 kg	11.500 kg	1	53323
Size 3 up to 710 mm up to 1,000 kg	29.000 kg	1	53057
Size 4 up to 1.200 mm up to 1,000 kg	35.000 kg	1	53058

Size 1-3: roller is at a fixed elevation
Size 4: roller height can be adjusted hydraulically

Timer LCD



Model	Weight	PU	No.
Timer	0.090 kg	1	L20315

ROWELD flange Adapter For centred welding of flanges



Model	Weight	PU	No.
For P160B, 160 mm	4.200 kg	1	55299
For P250B, 250 mm	8.600 kg	1	55166
For P355B, 355 mm	9.900 kg	1	55447
For P500B, 500 mm	23.300 kg	1	55236
For P630B, 630 mm	31.400 kg	1	53321
For P800B, 800 mm	110.000 kg	1	54175
For P1200B, 1,200 mm	260.000 kg	1	54275

Butt welding workshop machines

ROWELD butt welding workshop machines are suitable to manufacture T-pieces, Y-pieces, crosses and elbows. Useable materials are PE, PP and PVDF

They are available with both manual control and CNC control. In addition to logging the welding parameters, the CNC control also enables consistent, continuously good quality of the welds.

Application Benefits

- Safe transfer of welding forces thanks to the torsion-resistant structure
- Welding in accordance with DVS 2207 through electronic adjustment of the heating element temperature
- The compact design of the machines requires minimal space



Production of a Y-piece on a workshop machine

CNC controlled welding

Entering the pipe parameters via touch display

Exchange of the clamping jaws possible

Easy to make T-pieces, Y-pieces, crosses and elbows



Swivel arm for control

Makes checking the weld easier



Production of an angle with a CNC-controlled CNC machine



Manual workshop machine with tool and reducers



Machine for workshop W315



Machine for workshop W500



Machine for workshop W800

Figures similar

Technical Data	W315	W500	W800
Working area diameter mm	90–315 mm	200–450 mm	45–800 mm
Power	7.250 KW	17.400 KW	47.230 KW
Voltage	380 V, 50 Hz	380 V, 50 Hz	380 V, 50 Hz
Working area Temperature	< 270 °C	< 270 °C	< 270 °C

Model	Weight	PU	No.
Machine for workshop W315	884.000 kg	1	1500004038
Machine for workshop W500	3510.000 kg	1	1500004345
Machine for workshop W800	4900.000 kg	1	1500003965

Further sizes on request

ROWELD P110

Manual plastic pipe welding machine Ø 40–110 mm.

The ROWELD P110 combines a compact design for maximum stability. The high quality and excellent workmanship are noticeable in every detail. Hardened and hard-chrome-plated guide shafts guarantee an absolutely torsion-resistant use of the machine. Thanks to the angle-adjustable basic clamping elements, segmental arc welding is also possible.



Application Benefits

- Possibility to produce segmented bends
- Precise force adjustment.
- One- and two-sided planing possible
- To do pipe and fitting joints
- Secure fixing and simple axial alignment of the pipe

Technical Data

Input power	800 W
Voltage	220–240 V
Working range	40–110 mm
Working area Temperature	160–285 °C
Power plug type	Plug type F (CEE 7 / 4)
Mains frequency	50 / 60 Hz
Welding material	PE, PP, PVDF

Narrow basic clamping elements can be used

Segmented bends can be produced

Mechanical stop adjustable from both sides

Single and double-sided trimming possible

Hardened, chrome-plated guide shafts

Absolutely warp-resistant

Wide aluminium reducer clamp inserts for pipes and pipe joints

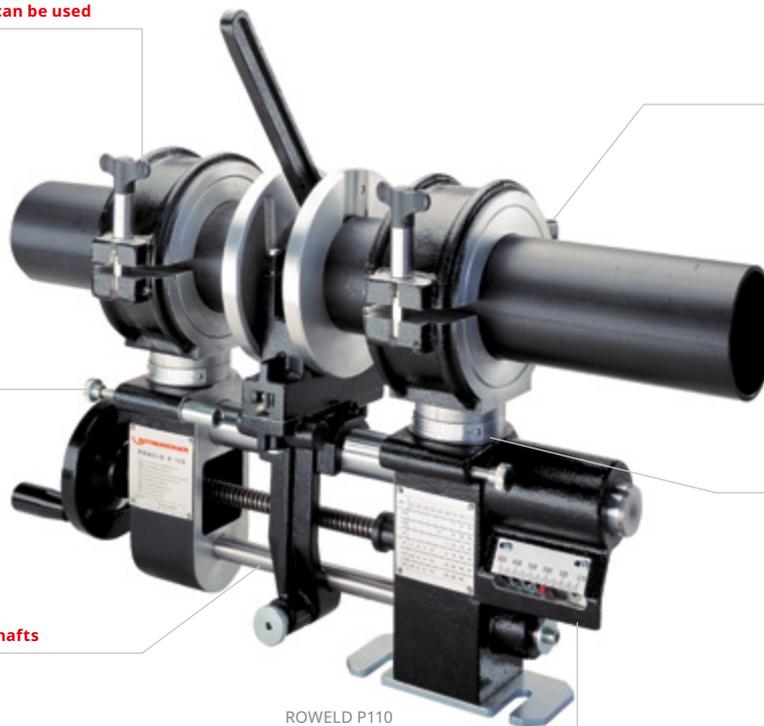
Secure hold and simple axial pipe alignment

Angles of the wide basic clamping elements adjustable on both sides (15° each)

Segmented bends can be produced

Direct force transmission and clear force scale

Precise pressure adjustment

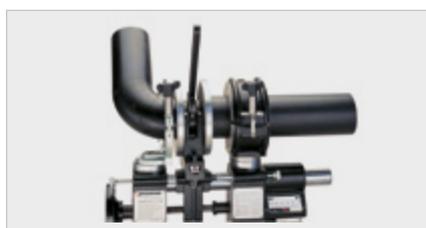


ROWELD P110

Rectangular heating element



Joints between fittings and pipes with narrow and wide clamping elements



By adjusting the basic clamping element angles on both sides (15° each side) segmented bends can be produced



ROWELD P110

Model	Weight	PU	No.
ROWELD P110 set 40–110 mm, 230V	43.000 kg	1	55844
ROWELD P110 bare tool with table mounting bracket	6.800 kg	1	55787

Basic clamping set

Model	Weight	PU	No.
Basic clamping set for narrow fitting joints, right, 110 mm, 1 piece	1.000 kg	1	55809
Basic clamping set for narrow fitting joints, left, 110 mm, 1 piece	1.000 kg	1	55808
Basic clamping set for wide pipe joints, 110 mm, 2 pieces	2.500 kg	1	55807

Reduction inserts

Model	Weight	PU	No.
Reduction inserts narrow, 2 metal half-shells, 20 mm	0.600 kg	1	55319
Reduction inserts narrow, 2 metal half-shells, 25 mm	0.600 kg	1	55134
Reduction inserts narrow, 2 metal half-shells, 32 mm	0.500 kg	1	55133
Reduction inserts narrow, 2 metal half-shells, 40 mm	0.500 kg	1	55132
Reduction inserts narrow, 2 metal half-shells, 50 mm	0.500 kg	1	55131
Reduction inserts narrow, 2 metal half-shells, 56 mm	0.500 kg	1	55130
Reduction inserts narrow, 2 metal half-shells, 63 mm	0.500 kg	1	55129
Reduction inserts narrow, 2 metal half-shells, 75 mm	0.400 kg	1	55128
Reduction inserts narrow, 2 metal half-shells, 90 mm	0.300 kg	1	55127
Reduction inserts wide, 4 aluminium half-shells, 20 mm	1.900 kg	1	55318
Reduction inserts wide, 4 aluminium half-shells, 25 mm	1.900 kg	1	55126
Reduction inserts wide, 4 aluminium half-shells, 32 mm	1.800 kg	1	55125
Reduction inserts wide, 4 aluminium half-shells, 40 mm	1.700 kg	1	55124
Reduction inserts wide, 4 aluminium half-shells, 50 mm	1.700 kg	1	55123
Reduction inserts wide, 4 aluminium half-shells, 56 mm	1.600 kg	1	55122
Reduction inserts wide, 4 aluminium half-shells, 63 mm	1.400 kg	1	55121
Reduction inserts wide, 4 aluminium half-shells, 75 mm	1.600 kg	1	55120
Reduction inserts wide, 4 aluminium half-shells, 90 mm	1.100 kg	1	55119

Accessories

Accessories	Weight	PU	No.
Hex key KW 8 DIN912	0.050 kg	1	321218
Hex key KW 6 DIN911	0.030 kg	1	321216
Transport box	14.200 kg	1	55832
Flange adaptor clamping unit	1.500 kg	1	55199
Table clamp	0.700 kg	1	55524
Heating plate for P110 electronic, 230V	2.600 kg	1	55324
Spare blade for planer	0.050 kg	1	55152
Hand plane with machine holder	1.900 kg	1	55826

ROWELD P160 SANILINE

Manual sanitary plastic pipe welding machine Ø 40–160 mm

The P160 Saniline is ideal for the installer. Due to the compact design, she can be stored in each Vehicle. The heating element has an electronic temperature control (DVS compliant) and can be used separately if necessary



Application Benefits

- High stability due to optimized force distribution
- All common sanitary installation fittings can be clamped.
- Flexible use in difficult positions caused by removable heating plates.
- Minimized drag force.
- Precise force adjustment.
- Protection against unintentional starting and derailing of the trimmer unit.
- Secure clamping of pipes, fittings, tight 45° branches and 90° bends

Technical Data

Input power	1,850 W
Voltage	220–240 V
Working area diameter	40–160 mm
Working area Temperature	5–60 °C
Power plug type	Plug type F (CEE 7 / 4)
Mains frequency	50 Hz

Multiple clamping options

Any fitting in sanitary installations can be clamped

Non-slip clamping devices Ø 40–140 mm with clamping force regulation

Secure clamping of pipes, fittings and tight elbows

Stop adjustable on both sides

Trimming of both sides, also separately only one side trimming possible

Direct force transmission and clear force scale

Precise force adjustment



ROWELD Saniline No. 54004

ROCASE 4414

Additional space for tools and accessories

ROWELD P160 SANILINE

Model	Weight	PU	No.
ROWELD P160 Saniline, basic tool	34.400 kg	1	54005
ROWELD P160 Saniline Special Edition, 40–160 mm	68.000 kg	1	54004

Basic clamping set

Model	Weight	PU	No.
Basic clamping set 160 mm	1.600 kg	1	54082

Reduction inserts

Model	Weight	PU	No.
Reduction inserts 4 half-shells, 40 mm	1.600 kg	1	54083
Reduction inserts 4 half-shells, 50 mm	1.600 kg	1	54084
Reduction inserts 4 half-shells, 56 mm	1.600 kg	1	54085
Reduction inserts 4 half-shells, 63 mm	1.600 kg	1	54086
Reduction inserts 4 half-shells, 75 mm	1.600 kg	1	54087
Reduction inserts 4 half-shells, 90 mm	1.600 kg	1	54088
Reduction inserts 4 half-shells, 110 mm	1.700 kg	1	54089
Reduction inserts 4 half-shells, 125 mm	1.500 kg	1	54090
Reduction inserts 4 half-shells, 140 mm	1.500 kg	1	54091



ROWELD SANILINE P160 bare tool

Accessories	Weight	PU	No.
Planer blade 75 mm, 2 pieces	0.100 kg	1	55685
Planer blade carbide 75 mm, 2 pieces	0.050 kg	1	55684
Planer attachment 40–75 mm	0.630 kg	1	54040
Conversion Kit 40–50–63–75–90–110–125–160 mm	11.200 kg	1	54080

ROWELD P250A

Plastic pipe welding machine Ø 40–250 mm

For use at construction sites and in the workshop. Particularly suited for sanitary installations, drain pipe laying as well as chimney reconditioning with PVDF liners



Application Benefits

- Versatile for difficult situations with the removable heating plates
- Protects against unintentional starting and derailing of the trimmer unit
- Single and double-sided trimming possible
- Warp-resistant for minimum drag and low pressure transfer loss
- Precise welding pressure adjustments on the clear force scale
- Reliable, warp-resistant transfer of the welding pressure
- Stable working table always available

Technical Data

Input power	2,700 W
Voltage	230 V
Working area diameter	40–250 mm
Working area Temperature	5–60 °C
Power plug type	Plug type F (CEE 7 / 4)
Documentation	Yes
Mains frequency	50 Hz
Welding material	PE, PP, PVDF

Electric, high torque safety trimmer (450W) with safety lock in working area

Protection against unintentional start and jump-out

Heating element, can be taken out

Flexible, for difficult positions

Basic clamp devices Ø 250 mm with reducer clamps Ø 180–225 mm and supports as well as basic clamp devices Ø 160 mm with reducer clamps Ø 40–140 mm and supports

Secure transfer of welding force

Stop adjustable on both sides

Trimming of both sides, also separately only one side trimming possible



ROWELD P250A

Smooth-running machine slide mounted on hardened, chrome-plated guide shafts guided in ball bushings

Torsionally stiff, for minimum drag pressure and low-loss power transmission

ROWELD P250A

Model	Weight	PU	No.
ROWELD P250A set 40–250 mm, 230 V	131.000 kg	1	55795
ROWELD P250A bare tool 230 V	36.100 kg	1	55768
ROWELD P250A bare tool 110 V	63.000 kg	1	55738

Basic clamp sett

Model	Weight	PU	No.
Basic clamping set 160 mm	7.250 kg	1	55742

Reduction inserts

Model	Weight	PU	No.
Reduction inserts 4 metal half-shells, 32 mm	1.890 kg	1	55753
Reduction inserts 4 metal half-shells, 40 mm	1.890 kg	1	55752
Reduction inserts 4 metal half-shells, 50 mm	1.810 kg	1	55751
Reduction inserts 4 metal half-shells, 56 mm	1.830 kg	1	55750
Reduction inserts 4 metal half-shells, 63 mm	1.750 kg	1	55749
Reduction inserts 4 metal half-shells, 75 mm	1.680 kg	1	55748
Reduction inserts 4 metal half-shells, 90 mm	1.500 kg	1	55747
Reduction inserts 4 metal half-shells, 110 mm	1.260 kg	1	55746
Reduction inserts 4 metal half-shells, 114 mm	1.200 kg	1	55745
Reduction inserts 4 metal half-shells, 125 mm	1.060 kg	1	55744
Reduction inserts 4 metal half-shells, 140 mm	0.800 kg	1	55743
Reduction inserts 4 metal half-shells, 180 mm	2.460 kg	1	55721
Reduction inserts 4 metal half-shells, 200 mm	2.030 kg	1	55718
Reduction inserts 4 metal half-shells, 225 mm	1.410 kg	1	55719



ROWELD ROFUSE TURBO

Electrofusion welding machine for fittings made of PE and PP. Welding Voltage between 8–48 V.



The ROFUSE TURBO is especially suitable for electro-fusion welding coded fittings in the pressure systems (gas and water supply).

Application Benefits

- **Safe:** Full automatic Heat-Control (HC) Function ensures with ambient temperature, machine temperature and fitting data whether the fitting can be weld completely for sure
- **Powerful:** Due to the Active-Cooling (AC) Function the machine is suitable for continuous operation
- **Fully equipped :** All necessary cable are stowed safely in the robust housing. Additional there is space for some tools and accessory
- **Professional Documentation:** Safe and transfer (USB) of welding data, as well as print out at a computer with "RODATA 2.0"
- **Barcode Generator:** "RODATA 2.0" prepares barcodes for construction site and welders name, which can be used for welding on site

Technical Data

Input power	3,600 W
Voltage	220–240 V
Working area diameter	20–1,200 mm
Working area Temperature	-10–60 °C
Output power	3,600 W
Power plug type	Plug type E+F (CEE 7/7)
Documentation	Yes
Welding Voltage	8–48 V
Output current	76 A
Welding material	PE, PP



Model	Weight	PU	No.
ROWELD ROFUSE 400 TURBO	21.500 kg	1	100000999
ROWELD ROFUSE 1200 TURBO	21.500 kg	1	100001000
ROWELD ROFUSE TURBO S	10.000 kg	1	1000004403
Adapter pair FF round, 4 mm	0.040 kg	1	54058

ROWELD ROFUSE SANI 160 / 315

Universal electrofusion machine for waste-water-fittings up to Ø 315 mm

Universal electrofusion machine for PE fittings of the following manufacturers: 40–160 mm: Geberit, Akatherm-EUR, Coes, Valsir, WAVIN-Duo, Aquatherm and Vulcathene-Euro
200–315 mm: Valsir, Akatherm, Eurofusion, Geberit and Coes



Application Benefits

- Micro controller controlled welding machine with automatic compensation of the welding time in dependance of ambient temperature
- Icon-based software with automatic welding parameter recognition
- Visual control of the welding process
- Robust and impact resistant housing

Technical Data

Input power	1,200–2,500 W
Voltage	180–280 V
Working area diameter	40–315 mm
Working area Temperature	-5–40 °C
Power plug type	Plug type F (CEE 7 / 4)
Documentation	Yes
Output current	5 A
Mains frequency	50 / 60 Hz
Welding material	PE

Welding also in tight space

90° elbow connectors ensure low installation height

3 m welding cable

Big working radius



Robust housing

Robust

Clear illuminated display

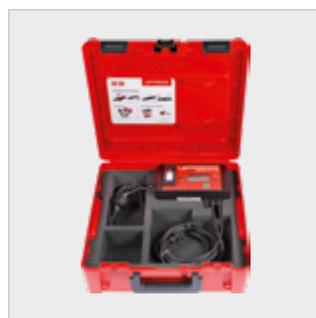
Visual control of welding process

Simple and intuitive operation

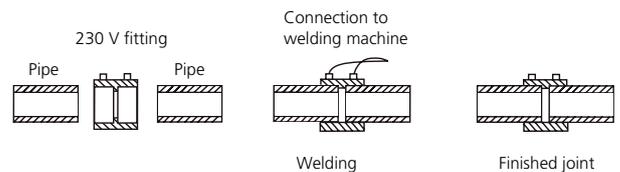
Icon-based software control with automatic welding parameter recognition



90° angled plugs



Robust packaging in ROCASE



Model	Weight	PU	No.
ROWELD ROFUSE SANI 315 230 V	1.500 kg	1	1500002598
ROWELD ROFUSE SANI 315 in ROCASE	3.900 kg	1	1000002631
ROFUSE SANI 160/315 230V, CH	1.200 kg	1	054230Z
ROWELD ROFUSE SANI 160 in ROCASE	2.400 kg	1	1000002630

ROWELD P63 S-6 Sword

Socket welder Ø 20–63 mm

socket welder for fittings Ø 20–63 mm. Up to 3 welding combinations are possible at the same time.

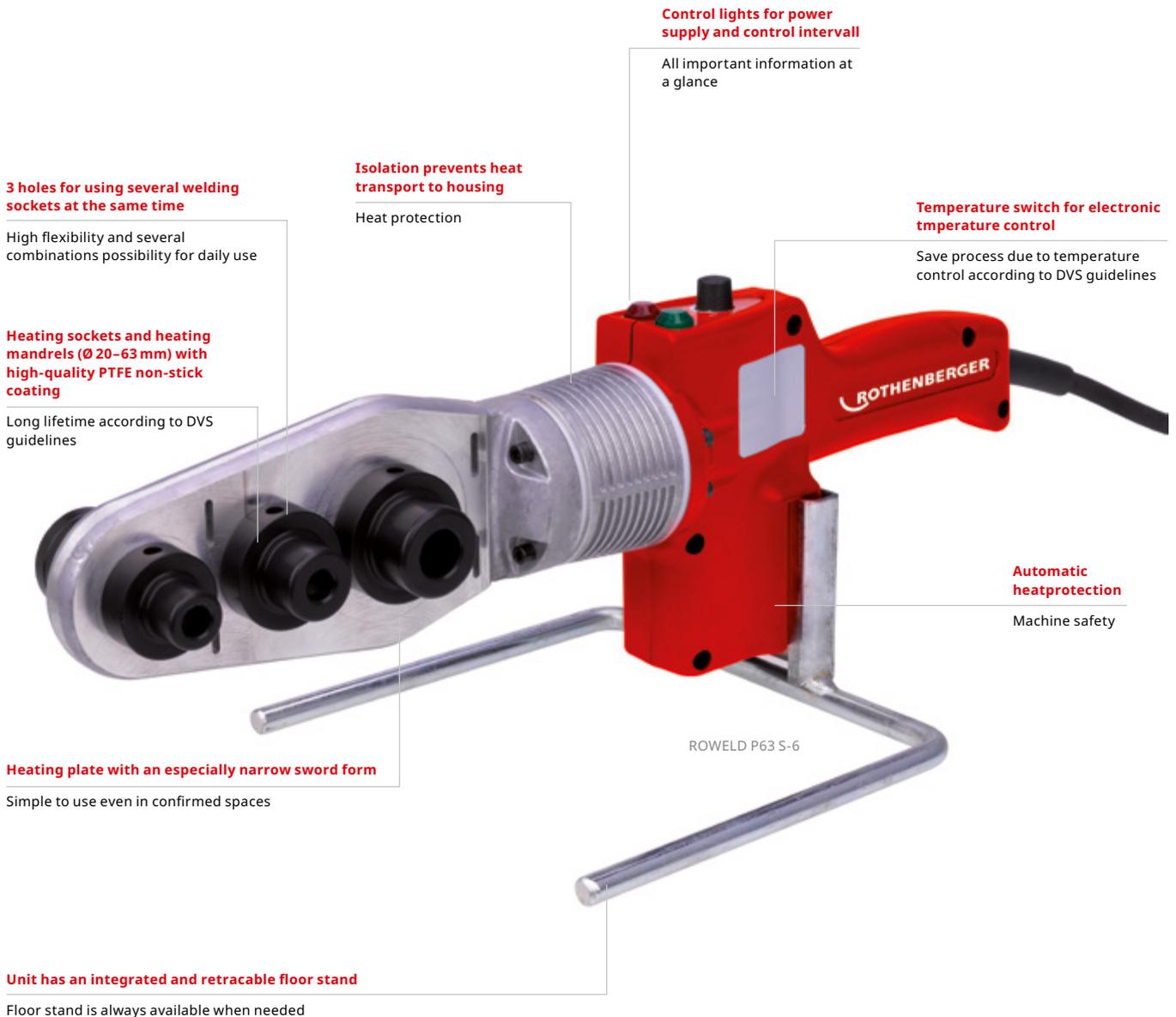
Application Benefits

- High flexibility and combination possibilities in daily use
- Long lifetime according to DVS guidelines
- All important informations at a glance
- Process safety due to temperature control according to DVS guidelines
- Smart and handy for easy working
- Simple working at tight space
- Mounting is suitable at every time, if needed



Technical Data

Input power	800 W
Voltage	100 V / 230 V
Working area diameter	20–63 mm
Working area Temperature	< 330 °C
Power plug type	Plug Type E+F (CEE 7 / 7)
Mains frequency	50 Hz
Welding material	PE, PP



ROWELD P63 S-6 Sword

Model	Weight	PU	No.
ROWELD P63 S-6 Sword set electronic, 20–32 mm, 230 V	4.300 kg	1	053890X
ROWELD P63 S-6 Sword set electronic, 20–63 mm, 230 V	5.300 kg	1	053891X
ROWELD P63 S-6 Sword bare tool electronic, 230 V	1.780 kg	1	053896X
ROWELD P63 S-6 Sword thermostatic, 20–63 mm, 110 V	5.300 kg	1	1000001245
ROWELD P63 S-6 Sword bare tool thermostatic, 230 V	1.780 kg	1	053897X
ROWELD P63 S-6 Sword set thermostatic, 20–32 mm, 110 V	1.780 kg	1	1000001270
ROWELD P63 S-6 Sword set thermostatic, 20–32 mm, 230 V	5.100 kg	1	053892X
ROWELD P63 S-6 Sword set thermostatic, 20–63 mm, 230 V	5.300 kg	1	053893X



Fig. P63 S-6, thermostatically controlled



Fig. P63 S-6, electronically controlled

Heating spigots and sockets (Form A) for P63 S-6

With high quality PTFE non-stick-coating for long lifetime in accordance to DVS guidelines

Accessories for ROWELD P125 for socket welding.

Application Benefits

- High quality non-stick teflon coating
- Long lifespan
- According to DVS guidelines



Model	Weight	PU	No.
Heating spigots / Heating sockets form A, 20 mm	0.110 kg	1	53511
Heating spigots / Heating sockets form A, 25 mm	0.143 kg	1	53512
Heating spigots / Heating sockets form A, 32 mm	0.188 kg	1	53513
Heating spigots / Heating sockets form A, 40 mm	0.285 kg	1	53514
Heating spigots / Heating sockets form A, 50 mm	0.406 kg	1	53515
Heating spigots / Heating sockets form A, 63 mm	0.775 kg	1	53516

ROWELD P125

Socket welder for Ø 16–125 mm and additional heating plate for butt welding

With 3 welding combinations at the same time. For freehand working or in addition with mounting device for working bench

Application Benefits

- Safe process due to temperature control in accordance to DVS, CEN and ISO standards
- With high quality PTFE non-stick coating, long lifetime in accordance to DVS guidelines
- Electronic temperature control as well as protection against unintentional adjustment of the temperature
- Saving time and costs due to heating plate quick change system
- Optimized temperature all over the working range
- 4 holes for welding socket and mandrels



ROWELD P125 Socket Welder

Heating spigots / Heating sockets



Model	Weight	PU	No.
ROWELD P125 bare tool electronic, 110V	3.100 kg	1	55322
ROWELD P125 bare tool electronic, 230V	3.100 kg	1	55321
ROWELD P125 set elektronik, 63–125 mm, 230V	17.050 kg	1	55546
Adaptor plates with non-stick Teflon coating, 2 pieces	1.150 kg	1	55536
Floor stand	0.440 kg	1	55539

Heating spigots and sockets for ROWELD P125

Socket welding unit for use with heating spigots and heating sockets for Ø 16–125 mm, as well as adaptor plates for butt welding

With three simultaneously usable welding combinations for free-handed working or workbench assembly using table mounting clamp



Model	Weight	PU	No.
Heating spigots / Heating sockets 16 mm	0.060 kg	1	55585
Heating spigots / Heating sockets 18 mm	0.080 kg	1	55587
Heating spigots / Heating sockets 19 mm	0.080 kg	1	55588
Heating spigots / Heating sockets 20 mm	0.080 kg	1	55589
Heating spigots / Heating sockets 25 mm	0.100 kg	1	55590
Heating spigots / Heating sockets 32 mm	0.170 kg	1	55591
Heating spigots / Heating sockets 40 mm	0.260 kg	1	55592
Heating spigots / Heating sockets 50 mm	0.370 kg	1	55593
Heating spigots / Heating sockets 63 mm	0.600 kg	1	55594
Heating spigots / Heating sockets 90 mm	1.330 kg	1	55596
Heating spigots / Heating sockets 110 mm	2.070 kg	1	55597
Heating spigots / Heating sockets 125 mm	2.330 kg	1	55598

ROWELD HE heating plates

Butt welding heating element for pipes and fittings made of PE, PP and PVDF with Ø 20-250 mm

Heating elements with high-quality PTFE non-stick coating for flexible working on the pipeline or stationary working on the workbench with table clamp piece



Application Benefits

- Long lifetime and equipped according to DVS guidelines
- Safe process due to temperature regulation according to DVS, CEN and ISO standards
- Electronic temperature regulation and control as well as protection against unintentional temperature change
- Saves time and costs due to heating plate fast change system



Heating element for freehand work



Model	Weight	PU	No.
Heating plate electronic, 120 mm, 45°, 230 V	1.800 kg	1	55518
Heating plate electronic, 200 mm, 230 V	1.920 kg	1	55316
Heating plate electronic, 300 mm, 230 V	5.350 kg	1	55317
Heating plate electronic, 120 mm, 45°, 110 V	1.800 kg	1	55517
Heating plate electronic, 200 mm, 110 V	1.920 kg	1	55851
Heating plate electronic, 300 mm, 110 V	5.350 kg	1	55854

Accessories

	No.
Table clamp piece for ROWELD heating element P110 / P125	55524
Floor stand for ROWELD P125	55539
Top plates for P125, 2 pieces	55536

Peeling device

For safe and quick preparation of pipes and fittings. Delivered in a transport box.

Application Benefits

- Spring-loaded blade ensures automatic adaptation to oval tubes
- Long durability thanks to carbide peeling knife
- Automatic feed enables even chip removal
- Easy operation and low effort during the peeling process
- Operation with cordless screwdriver possible (No. 1500004346 und No. 1500004348)



No. 1500004346



No. 1500004347



No. 1500004348



No. 1500004349

Model	Weight	PU	No.
Peeling device, 20–75 mm	2.300 kg	1	1500004346
Peeling device, 90–315 mm	6.900 kg	1	1500004347
Peeling device, 180–400 mm	9.900 kg	1	1500004348
Rotary peeling chain, 200–800 mm	9.600 kg	1	1500004349

Squeezing device

Squeezing device for PE pipes. Spacers on both sides of the device to avoid pipe damages. Due to robust design, ideal for use at construction site

Mechanical: working range from Ø 32–63 mm. To protect the squeezed area there are adjustable distance controller beside.

Hydraulic: working range from Ø 75–225 mm. To protect the squeezed area there are adjustable distance controller beside. With this device the pipes can re-rounded with separate available re-rounding halfshells.

Application Benefits

- Distance plates prevent damage to the pipe on the sides
- Simple robust construction—ideal for use on construction sites



Squeezing device mechanical

Model	Weight	PU	No.
Squeezing device mechanical, 32–63 mm	5.000 kg	1	53200
Squeezing device hydraulic, 75–180 mm	37.000 kg	1	53210
Squeezing device hydraulic, 160–225 mm	55.600 kg	1	53220

Clamp device

For fixing pipes and fittings before and whilst welding

Application Benefits

- Exact alignment of the pipe prior to welding
- Tool-less exchangeable for quick and easy machine retooling



Double clamp adjustable

Model	Weight	PU	No.
Double clamp adjustable, 32 mm	1.500 kg	1	53251
Double clamp adjustable, 40 mm	2.125 kg	1	53252
Double clamp adjustable, 50 mm	2.380 kg	1	53253
Double clamp adjustable, 63 mm	2.520 kg	1	53254

Double clamp short

For fixing pipes and fittings before and whilst welding

Application Benefits

- Precise alignment of the pipes before welding
- Fixing of the pipes during the welding process



Double clamp short

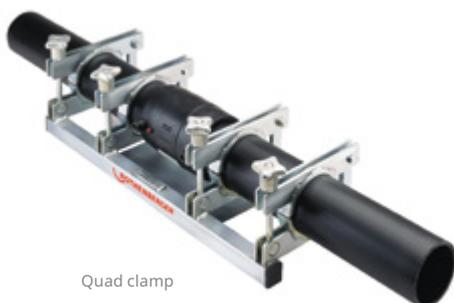
Model	Weight	PU	No.
Double clamp short, 75 mm	3,360 kg	1	53255
Double clamp short, 90 mm	4.465 kg	1	53256
Double clamp short, 125 mm	6.645 kg	1	53258
Double clamp short, 140 mm	6.290 kg	1	53259
Double clamp short, 160 mm	6.870 kg	1	53260
Double clamp short, 180 mm	9.590 kg	1	53261
Double clamp short, 200 mm	13.275 kg	1	53262
Double clamp short, 225 mm	11.150 kg	1	53263

Quad clamps

For connecting pipes with \varnothing 63–225 mm

Application Benefits

- Quadruple clamping device for aligning and fixing the tubes before and during the welding process
- For the production of control joints for bar stock



Quad clamp

Model	Weight	PU	No.
Quad clamp 63 mm	8.000 kg	1	53271
Quad clamp 75 mm	6.265 kg	1	53272
Quad clamp 90 mm	11.000 kg	1	53273
Quad clamp 110 mm	14.000 kg	1	53274
Quad clamp 125 mm	10.140 kg	1	53275
Quad clamp 140 mm	11.300 kg	1	53276
Quad clamp 160 mm	17.000 kg	1	53277
Quad clamp 180 mm	17.000 kg	1	53278
Quad clamp 200 mm	21.690 kg	1	53279
Quad clamp 225 mm	19.200 kg	1	53280

Re-Rounding clamps

For fixing the pipe and re-rounding after squeezing

Application Benefits

- Fixing the welding depth during electrofusion welding
- Rounding of the PE pipe after crimping

Model	Weight	PU	No.
Re-Rounding clamp 25 mm	1.111 kg	1	53281
Re-Rounding clamp 32 mm	0.590 kg	1	53282
Re-Rounding clamp 40 mm	1.111 kg	1	53283
Re-Rounding clamp 50 mm	0.835 kg	1	53284
Re-Rounding clamp 63 mm	1.000 kg	1	53285



Re-Rounding clamp

ROCUT UKS 160 / 355

High performance orbital circular saw

For cutting plastic pipes made of PE, PP and PVC at construction site and workshop

Application Benefits

- Offset-free and right-angled cutting
- Efficient working, high speed cutting
- Safety work due to sawblade protection
- Optimal pipe centering

Technical Data

Input power	1,750 W
Voltage	230 V
Working area diameter	160–355 mm
Power plug type	Plug type F (CEE 7 / 4)
Mains frequency	50 / 60 Hz



Sawblade protection

Safe operation



Circular saw

Central clamping

Perfect pipe centering

Four rubberised clamping and guide rollers ensure right-angled cuts with no misalignment



Secure clamping and optimum pipe centering are guaranteed by the central trapezoidal clamping device



Rubberised guide rollers

Right-angled cuts with no misalignment

Model	Weight	PU	No.
ROCUT UKS 160 / 355	12.900 kg	1	100000532
Spare HM saw blade 180 × 30 mm	0.600 kg	1	55505
Transport box	16.800 kg	1	120000526

ROCUT XL

**For cutting PE pipes in the trench.
For repairs and extensions.**

Tool for cutting PE pipes up to 315 mm

Application Benefits

- Can be used on each place of the pipe
- Robust cutter made of stainless steel

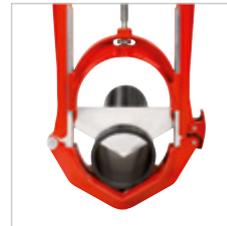
Technical Data

Working area diameter	< 315 mm
Cutting material	PE



ROCUT XL 125

An optimised cutting angle for easier pipe cutting



The lower clamp can be folded out completely. Therefore, ROCUT XL can be used at any desired position of the pipe



Model	Weight	PU	No.
ROCUT XL 125 mm 4"	7.300 kg	1	1500000789
ROCUT XL 315 mm 12"	34.000 kg	1	1500000792
Spare blade 125 mm	0.270 kg	1	1500000793
Spare blade 315 mm	2.100 kg	1	1500000795

Plastic pipe chamfering unit

With replaceable blades Ø 16–160 mm For 15° outer chamfers on plastic pipe

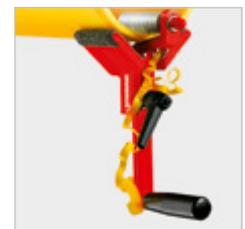
With this tool 15° chamfers can easily be produced on plastic pipes

Application Benefits

- Flexible in use
- Wall thickness is continuously adjustable



Plastic pipe chamfering unit



Model	Weight	PU	No.
Chamfering unit Size 1, 16–110 mm	0.615 kg	1	55050
Chamfering unit Size 2, 32–160 mm	0.680 kg	1	55051
Spare blade Size 1 and 2	0.030 kg	1	55058

ROCUT 110 / 160 set

Cutting and chamfering tool for right-angled cutting and chamfering (15°), Ø 32–160 mm

Suitable for thin and thick-walled PVC, PE, PP, PEX, PB and PVDF pipes, as well as sound-insulated drain pipes. Utmost precision in a single operation.

Application Benefits

- Only one tool required for cutting, chamfering and deburring
- Extremely long service life with optimum cutting geometry
- Special accessories for PE, PP, PEX, PB and sound-insulated pipes
- Uniform chamfering of the entire pipe circumference
- Continuously adjustable pipe clamping pressure
- Integrated internal deburrer is stored in the handle
- Pipe cutting also possible without chamfering, as cutter blade shaft can be mounted with 180° offset



Model	Weight	PU	No.
ROCUT 110 set, 50, 75, 110 mm (2–4")	3.900 kg	1	55035
ROCUT 160 set, 110, 125, 160 mm (4–6")	5.600 kg	1	55063

Set (No. 55035) includes: ROCUT 110 (No. 55020), internal deburrer (No. 55018), 2 × clamping set 50 and 75mm, cutter blade shaft with automatic copying and HM cutter blade inserts 7.5mm (No. 54960), ROCASE inlay (No. 1300005864), ROCASE 4414 red w/o inlay (No. 1300003541)

Set (No. 55063) includes: ROCUT 160 (No. 55030), internal deburrer (No. 55018), 2 × clamping sets, cutter blade shaft with automatic copying and, HM cutter blade insert 12.5mm (No. 55019), ROCASE inlay (No. 1300005864), ROCASE 4414 red w/o inlay (No. 1300003541)

TUBE CUTTER 67 / 125 / 168 PL Automatic

Telescopic ratchet pipe cutter Ø 6–168 mm (1/4–6.5/8")

For precise cutting of PP, PE, PEX, PB and PVDF pipes as well as sound-insulated drain pipes

Application Benefits

- Maximum strength with the monoblock aluminium construction
- Optimum, fatigue-free operation with the ergonomically optimised metal handle
- Fast adjustment to the outer tube diameter with the telescopic ratchet guide
- Fast opening with automatic retraction
- Internal pipe deburrer retracts into cutter body
- Hardened, specially sharpened cutter wheels



Technical Data

Working area	Ø 6–168 mm (1/4–6.5/8")
Material	DURAMAG magnesium
Suitable for	PE, PP, PEX, PB, PVDF, sound-insulated drain pipes

Removable internal pipe deburrer



Model	Weight	PU	No.
TUBE CUTTER PL Automatic, 6–67 mm (1/4–2.5/8")	0.700 kg	4	70031
TUBE CUTTER PL Automatic, 50–125 mm (2–5")	1.600 kg	1	70032
TUBE CUTTER PL Automatic, 110–168 mm (4–6.5/8")	1.700 kg	1	70033

ROCUT 42 Twin Cut

Shear for cutting all common plastic pipes with a diameter of 0–42 mm (0–1.5/8")

With the ROCUT 42 Twin Cut you can cut faster, clean and straight and with even less effort on all common plastic pipes up to 42 mm (0–1.5/8").

Application Benefits

- Combines due to its unique function two shears: pipes can be cut in the one cut or ratchet cut function
- Direct cut function: Pipes up to 20 mm can be cut directly with one stroke
- Ratchet cut function: if the pipe dimension is too large or the material too thick for a one cut, the shear automatically switches into the ratchet mode

Technical Data

Working area direct cut	Ø 0–20 mm
Working area ratchet cut	Ø 20–42 mm
Blade	V-Contour, PTFE coated
Suitable for	PP, PE, PEX, PB, PVDF



Powerful cutting with the ratchet function.

With the one cut function pipes can be cut 80 % faster. You also save time since little calibration is needed.¹



Model	Weight	PU	No.
ROCUT 42 Twin Cut, 0–42 mm (0–1.5/8")	0.550 kg	1	1000003011
Spare blade, 0–42 mm (0–1.5/8")	0.120 kg	1	1000003104

¹) Internally tested. In comparison to the previous ROCUT TC 42 with a 16 mm pipe.

ROCUT TC 42 Professional

Shear for cutting all common plastic pipes with a diameter of Ø 0–42 mm (0–1.5/8")



With the ROCUT 42 TC Professional you can cut faster, clean and straight and with even less effort on all common plastic pipes up to Ø 42mm (1.5/8").

Application Benefits

- 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

Technical Data

Working area	Ø 0–42 mm (0–1.5/8")
Suitable for	PP, PE, PEX, PB, PVDF



Rust-free steel blade with V-edge



Ideally meshed cutting curve



Shear arms lockable in transport position



Model

ROCUT TC 42 Professional, 0–42 mm (0–1.5/8")

Weight

0.447 kg

PU

4

No.

52000

ROCUT TC 32

Shear for cutting all common plastic pipes with a diameter of $\varnothing 0-32$ mm (0-1.1/4")

Manual plastic pipe shear for cutting PP-, PE-, PEX-, PB- and PVDF pipes

Application Benefits

- Stainless steel blade with V-edge: pin-point precision without deformation
- Minimum effort: ideally meshed cutting curve
- Wide pipe support: Precise right-angled cuts
- Release the lever with the push of a button: Automatic and controlled opening of the blade
- Transport lock: For better transportation shear arms can be locked after cutting



Model	Weight	PU	No.
ROCUT TC 32, 0-32 mm (0-1.1/4")	0.220 kg	4	52040

ROCUT TC 50 Professional

Plastic pipe shears up to $\varnothing 0-50$ mm (0-2")

For precise cutting of PP, PE, PEX, PB, PVC, PVDF and MLP pipes

Application Benefits

- 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



Model	Weight	PU	No.
ROCUT TC 50 Professional, 0-50 mm (0-2")	0.600 kg	6	52010

ROCUT TC 63 Professional

Plastic pipe shears up to $\varnothing 0-63$ mm (0-2.1/2")

For precise cutting of PP, PE, PEX, PB, PVC, PVDF and MLP pipes

Application Benefits

- 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



Model	Weight	PU	No.
ROCUT TC 63 Professional, 0-63 mm (0-2.1/2")	0.700 kg	6	52030

PIPECUT mini

The PIPECUT mini is a real all-rounder. It cuts copper, steel, stainless steel, plastic, multilayer composite pipes as well as profiles, mounting rails and threaded rods. The PIPECUT mini can be used stationary in the workshop and at the same time mobile on the construction site. The machine is powered by a CAS battery, which can be used to power 200 other machines from 20 different manufacturers.

For new installations and maintenance in the HVAC and industry sector

Application Benefits

- Copper, plastic, C-steel, cast iron or stainless steel can be reliably cut in an 90 degree angle up to a pipe diameter of 110mm
- Cut mounting rails or threaded bolts—easy and fast
- Transform the PIPECUT mini into a circular saw, into a plunge saw or into a cross-cutting saw
- Three new, high-quality saw blades
- Stationary and mobile use
- CAS battery system for maximum independence



Technical Data

Working area	Ø 0–110 mm (0–4")
System battery	CAS
Idle speed (min–max)	0–4.150/min
Sound pressure level	92 dB(A)
Sound power level (LwA)	103 dB(A)
Cutting depth	45 mm
Suitable for	Copper, MLP, steel, cast iron

Powerful 18V battery

Up to 140 cuts with just one battery charge (18V/4.0 Ah, C-steel Ø42mm)

Additional high quality, fire-resistant bag

For absorbing shaving

Extra contact surface with ball bearing

For rotating and for cutting pipes over Ø 42 and up to 110mm

Additional notch

For cutting threaded bolts

Brushless Motor

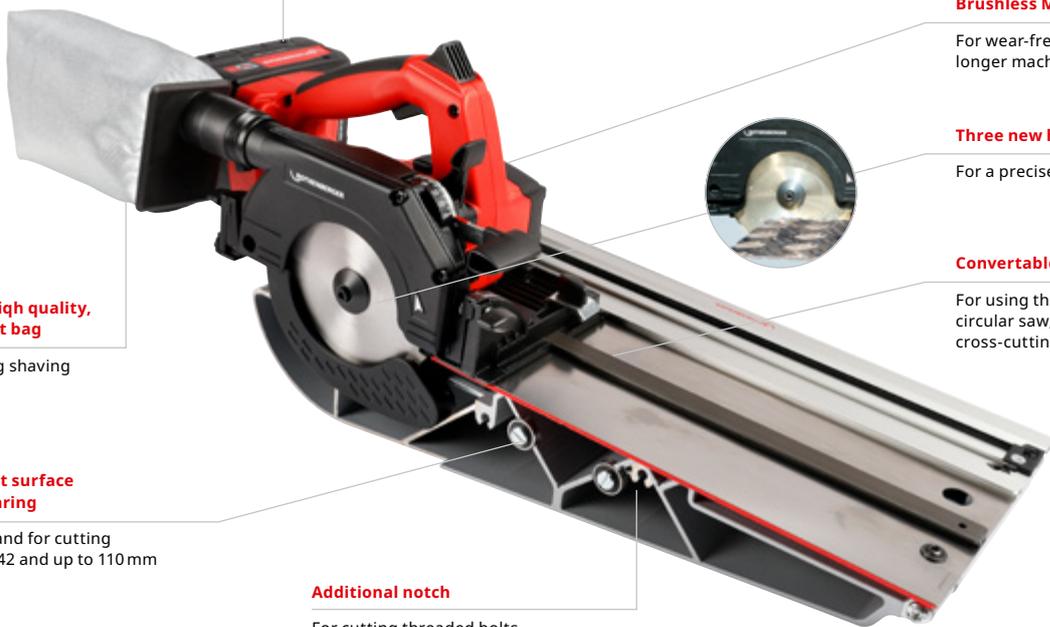
For wear-free work and longer machine life

Three new high quality saw blades

For a precise cutting performance

Convertible guide rail

For using the PIPECUT mini as circular saw, plunge saw or cross-cutting saw



Copper, plastic, C-steel, cast iron or stainless steel can be cut up to a pipe diameter of 110mm.



Transform the PIPECUT mini into a circular saw, into a plunge saw or into a cross-cutting saw.



Clamp function enables fastest cutting performance for different materials.



PIPECUT mini sets

All sets includes: PIPECUT mini baretool, DURACUT Uni saw blade, pipe support stand and ROCASE 6427 with inlay



Cross cut guide rail (No. 1500003694) for cutting plates optionally available



No. 1000003165

No. 1500003694

Set (No. 1000003165) includes: PIPECUT mini bare tool, cross cut guide rail (No. 1500003693), 1 x RO BP18/4, 4.0 Ah 18 V battery (No. 1000001653), RO BC14/36 charger, 230V (No. 1000001654), instruction manual, ROCASE 6427

Model	Weight	PU	No.
PIPECUT mini bare tool with universal saw blade	5.400 kg	1	1000003374
PIPECUT mini inclusive battery charger, 1 x 4.0Ah battery	6.200 kg	1	1000003165
PIPECUT mini inclusive battery charger and cross cut guide rail, 1 x 4.0 Ah battery	6.800 kg	1	1000003398
DURACUT Uni, universal saw blade	0.100 kg	1	1500003621
DURACUT St, steel saw blade	0.100 kg	1	1500003673
DURACUT X, stainless steel saw blade	0.100 kg	1	1500003674
Cross cut guide rail for PIPECUT mini	0.400 kg	1	1500003694
Pipe support stand for PIPECUT mini	0.190 kg	1	1500003693

Batteries and charger

Model	Weight	PU	No.
RO BP18/2, 2.0 Ah 18V	0.420 kg	1	1000001652
RO BP18/4, 4.0 Ah 18V	0.575 kg	1	1000001653
RO BP18/4, 4.0 Ah 18V, Li-HD	0.515 kg	1	1000002548
RO BP18/8, 8.0 Ah 18V, Li-HD	0.915 kg	1	1000002549
RO BC14/36 charger, 230V	0.580 kg	1	1000001654

Pictograms



AC 230V



AC 115V



AC 110V



Three-phase current 400V



Battery-powered



Can be used in confined spaces



Suitable for tight spaces



Light and compact



Basic soft soldering up to 450°C



Hot brazing 450-1,100°C



Max autogen welding 1,100°C



Fast cut



No deformation from use



Dry drilling



Wet drilling



Up to 50% time-saving



Portable operation



360° rotatable



Ergonomic design



Meets DIN standards



Propane control



Oxygen control



Acetylene control



Shock absorption



Inspection window



Pressure hose length 1,5 m



Lock button



Bayonet coupling



Push lock



Thread lock



Pressure gauge display adjustable



Pressure gauge classe 1-6



Pressure gauge size 80 mm



Counter display



Measuring accuracy up to Xg



Scale range up to Xkg



Economy valve



With USB connection



Touchscreen



WiFi



Piezo ignition



Fine adjustment of the flame



With video function



With photo function



Memory card



Cable length 30 m



Sturdy casing



Pressure hose ball valve



Transport case



ROCASE case system



RO SERVICE+ warranty services



Electric motor without carbon brushes



DURA LAZR TEC laser hardening process



Constant Force Technology



Eco-friendly refrigerant



eTOOL (NFC tag)



One-handed operation

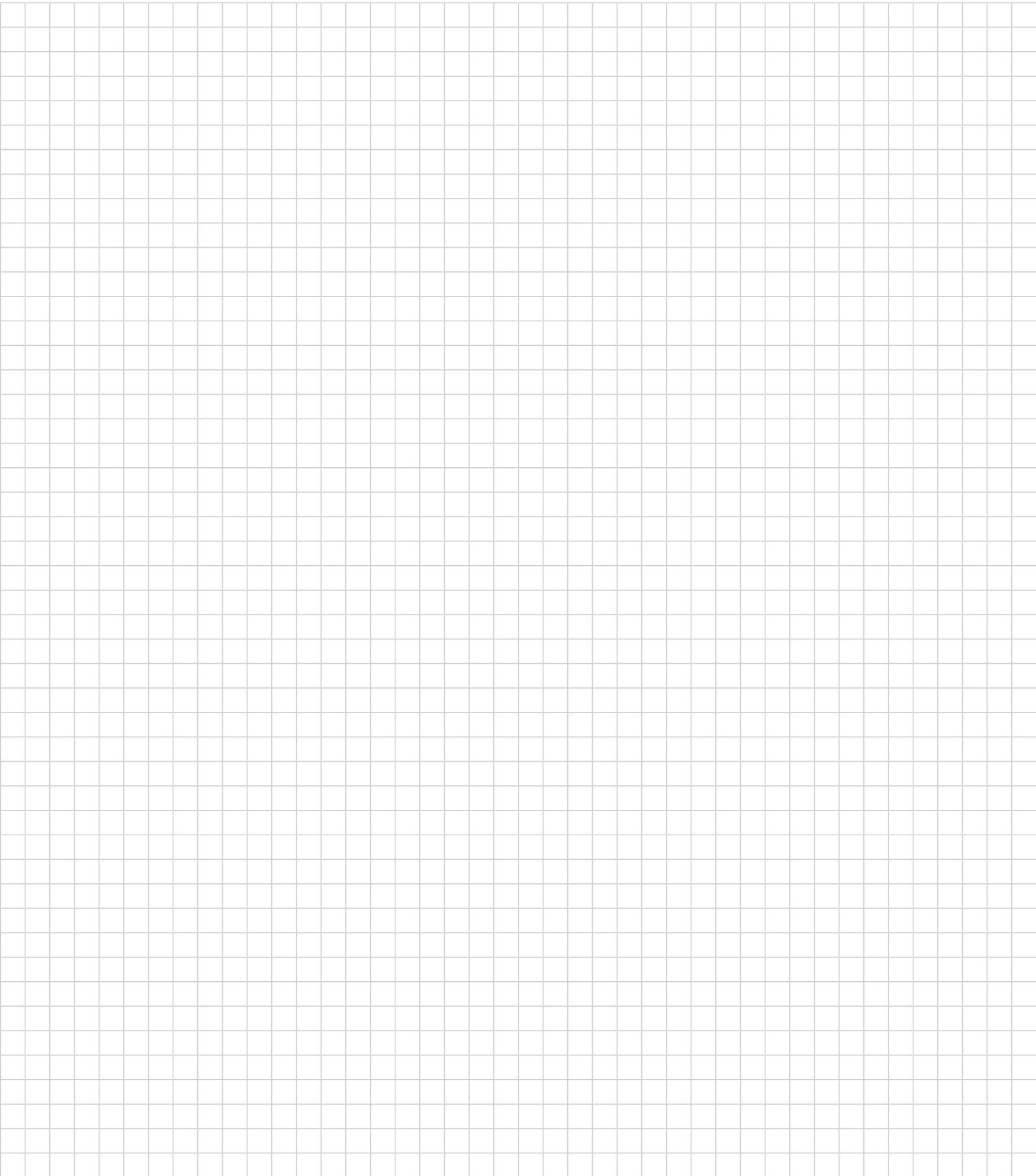


180° rotatable



App for Android and iOS

Notes





Imprint

This catalog is a publication of

ROTHENBERGER Werkzeuge GmbH

Industriestraße 7

65779 Kelkheim (Taunus)

Germany

Phone +49 6195 800-0

Fax +49 6195 800-3500

info@rothenberger.com

Company register and number: Königstein im Taunus, HRB 2732

Great care was taken in compiling this catalog and reproduction of the product information. Nevertheless we cannot completely exclude the possibility of error. For this reason, ROTHENBERGER disclaims any liability for any errors which may have arisen despite careful checking of the contents.

The design, compilations, performance data, features, dimensions and weight of products can alter as a result of further technical developments and adaptation of our products to the requirements and wishes of our customers, without any duty on our part to announce this in advance.

We are not obliged to alter already delivered products to match such new developments. We also reserve the right to remove articles from our product program.

This catalog invalidates all previous versions. Standard specifications are non-binding. The operating instructions and suggestions for use and safety are non-binding and do not in any way replace legal or other regulations, such as employer's liability insurance association regulations, in the respective countries.

No part of this catalog may be reproduced in any way whether by reprinting, photocopying, putting onto microfilm or any other process, or be converted into a machine-readable language or stored in any electronic systems and processed there without prior written permission from ROTHENBERGER Werkzeuge GmbH.

It is not permitted to make any changes and additions to the catalog. We reserve all rights for all countries.

© 2024 ROTHENBERGER Werkzeuge GmbH, Germany

ROTHENBERGER
pipetool technologies at work



90520/0124/EN/MKT

**SIGA-NOS EM:
WWW.CMC.PT**

 www.facebook.com/CunhaMendesCunhaLda
 www.youtube.com/c/CUNHAMENDESCUNHALDA

cunha  mendes cunha, lda
Equipamentos Industriais

Zona Industrial do Socorro, Lote 28A
4820-011 São Gens - Fafe - Portugal