

2025

PLASTIC PIPE WELDING TECHNOLOGY

ROWELD CATALOG

Status: 2025





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 75 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

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Butt welding manual

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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 ...



Img. 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

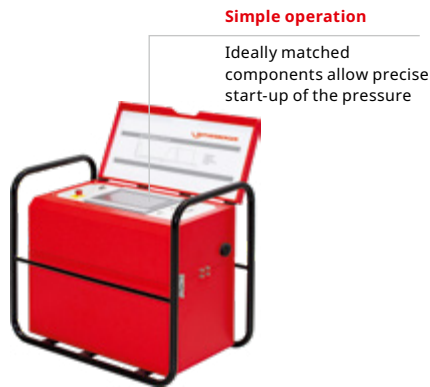
The PREMIUM hydraulic system guides the user step by step through the welding process and automatically logs all welding parameters. Welding can be performed according to DVS 2207 as well as other international standards and guidelines. The data transfer is carried out via USB interface.

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 via touch control panel



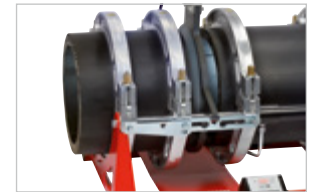
Trimmer with safety switch. Secures against unintended activation of the trimmer



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 | 230V | 50 Hz | 3.2 kW | 125.900 kg | 1000000560 |
| ROWELD P250B Premium CNC SA basic set | 90–250 mm | 230V | 60 Hz | 3.2 kW | 125.900 kg | 1000000884 |
| ROWELD P250B Premium CNC VA basic set | 90–250 mm | 230V | 50 Hz | 3.2 kW | 132.900 kg | 1000000561 |
| ROWELD P250B Premium CNC VA basic set | 90–250 mm | 230V | 60 Hz | 3.2 kW | 132.900 kg | 1000000885 |
| ROWELD P355B Premium CNC SA basic set | 90–355 mm | 230V | 50 Hz | 4.2 kW | 131.800 kg | 1000000563 |
| ROWELD P355B Premium CNC SA basic set | 90–355 mm | 230V | 60 Hz | 4.2 kW | 131.800 kg | 1000000886 |
| ROWELD P355B Premium CNC VA basic set | 90–355 mm | 230V | 50 Hz | 4.2 kW | 148.400 kg | 1000001081 |
| ROWELD P355B Premium CNC VA basic set | 90–355 mm | 230V | 60 Hz | 4.2 kW | 148.400 kg | 1000001082 |
| ROWELD P500B Premium CNC SA basic set | 200–500 mm | 400V | 50/60 Hz | 7.2 kW | 389.000 kg | 1000000565 |
| ROWELD P630B Premium CNC SA basic set | 315–630 mm | 400V | 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 |



Simple operation

Ideally matched components allow precise start-up of the pressure

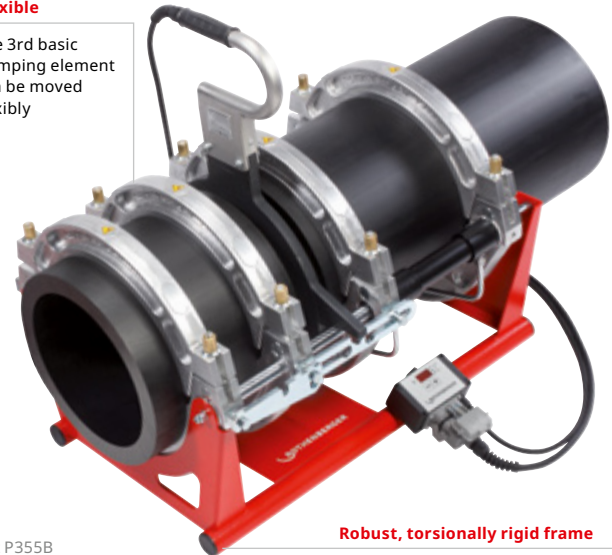
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Application Benefits

- 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 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 |

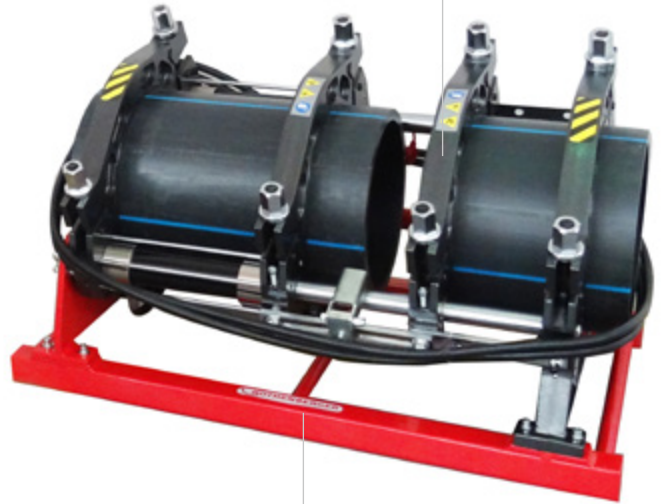
Other sizes on request.

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 | 1000000550 |
| Reducer-Clamps set for P355B 160–315 mm | 70.000 kg | 1 | 1000000385 |
| 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 | 1000000935 |
| Reducer-Clamps set for P1200B 710–1,000 mm | 1,384.000 kg | 1 | 1000000936 |

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

Exchange of the clamping jaws possible

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

CNC controlled welding

Entering the pipe parameters via touch display



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

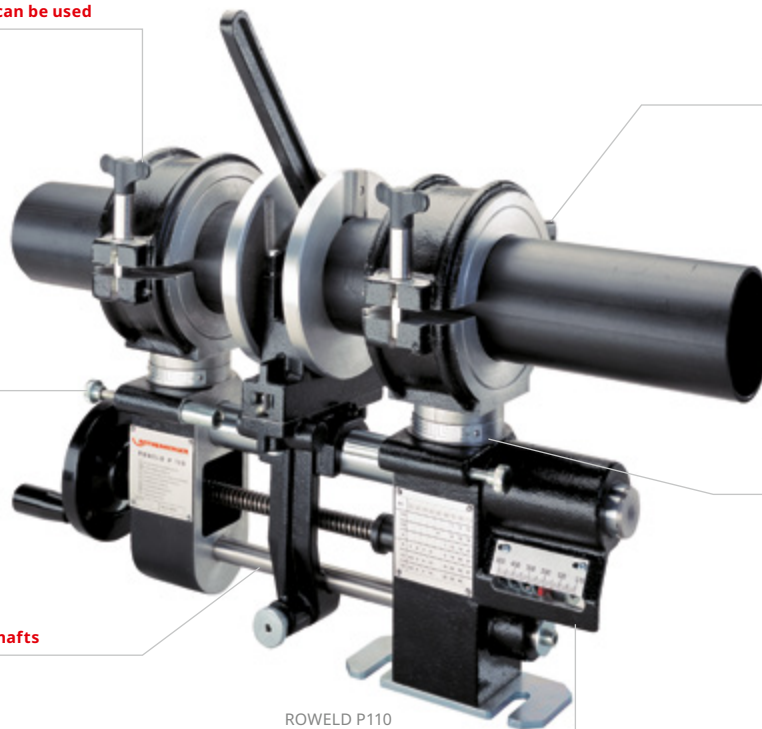
Secure hold and simple axial pipe alignment

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

| | 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

ROCASE 4414

Additional space for tools and accessories

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
Img. similar

ROWELD P160 SANILINE



ROWELD SANILINE P160 basic tool No. 54005

| Model | Weight | PU | No. |
|----------------------------------|-----------|----|-------|
| ROWELD P160 Saniline, basic tool | 34.400 kg | 1 | 54005 |
| ROWELD P160 Saniline, 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 |

| 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 (450 W) 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 | 57.070 kg | 1 | 55768 |
| ROWELD P250A bare tool 110 V | 36.000 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 8–48V



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 (not for ROFUSE TURBO S)
- 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 | ROFUSE 400/1200 TURBO | ROFUSE TURBO S |
|--------------------------|-----------------------|----------------|
| Input power | 3,600 W | 1,600 W |
| Voltage | 220–240 V | 230 V |
| Working area diameter | 20–1,200 mm | 20–160 mm |
| Working area Temperature | -10–60 °C | -20–50 °C |
| Output power | 3,600 W | 1,600 W |
| Power plug type | E+F (CEE 7/7) | E+F (CEE 7/7) |
| Documentation | Yes | Yes |
| Welding Voltage | 8–48 V | 8–48 V |
| Output current | 76 A | max. 60 A |
| Welding material | PE, PP | PE, PP |



| Model | Weight | PU | No. |
|---|-----------|----|------------|
| ROWELD ROFUSE 400 TURBO | 21.500 kg | 1 | 100000999 |
| ROWELD ROFUSE 1200 TURBO | 21.500 kg | 1 | 1000001000 |
| ROWELD ROFUSE TURBO S | 10.000 kg | 1 | 1000004403 |
| Adapter pair FF round, 4 mm for ROFUSE 400/1200 TURBO | 0.040 kg | 1 | 54058 |

ROWELD ROFUSE SANI 160 / 315

Universal electrofusion machine for waste-water-fittings up to Ø315 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) |
| 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

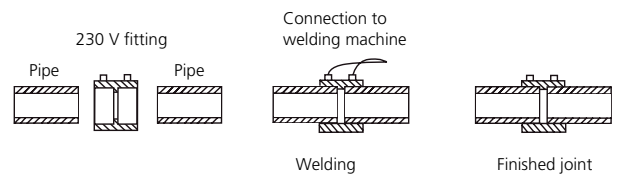
Icon-based software control with automatic welding parameter recognition



90° angled plugs



Robust packaging in RO CASE



| Model | Weight | PU | No. |
|-----------------------------------|----------|----|------------|
| ROWELD ROFUSE SANI 315 230 V | 1.500 kg | 1 | 1500002598 |
| ROWELD ROFUSE SANI 315 in RO CASE | 3.900 kg | 1 | 1000002631 |
| ROFUSE SANI 160/315 230 V, CH | 1.200 kg | 1 | 054230Z |
| ROWELD ROFUSE SANI 160 in RO CASE | 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.

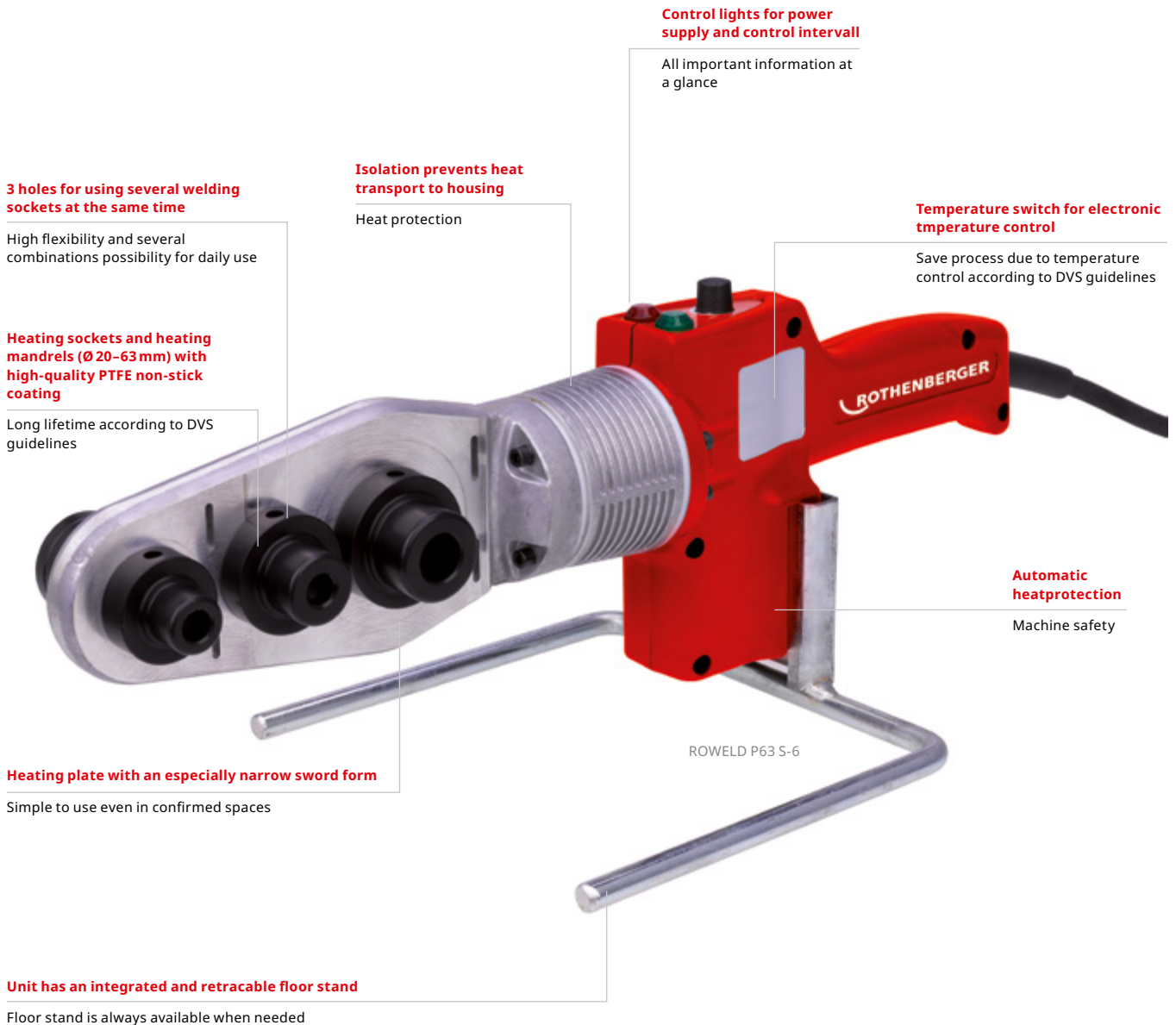
Application Benefits

- 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 | 110 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



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

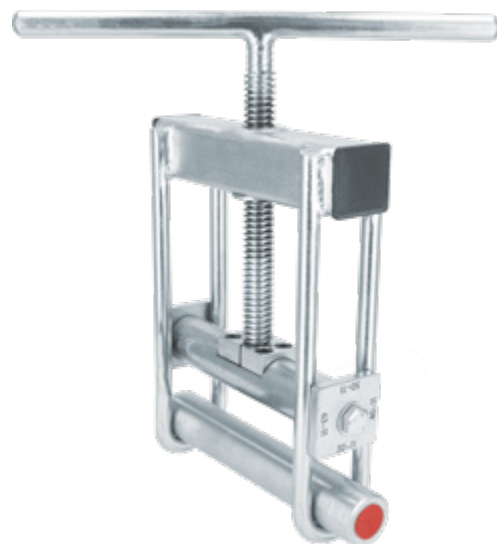
Squeezing device for PE pipes. Spacers on both sides of the device to avoid pipe damages. Due to robust design, ideal for use at construction site

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

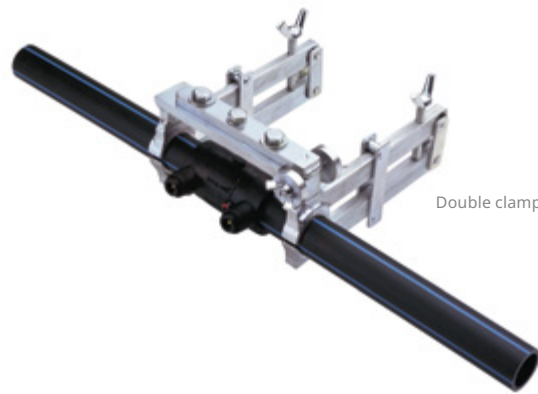
| Model | Weight | PU | No. |
|--|-----------|----|------------|
| Squeezing device mechanical, 32–63 mm | 5.000 kg | 1 | 1500005050 |
| Squeezing device hydraulic, 75–180 mm | 37.000 kg | 1 | 53210 |
| Squeezing device hydraulic, 160–225 mm | 55.600 kg | 1 | 53220 |

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

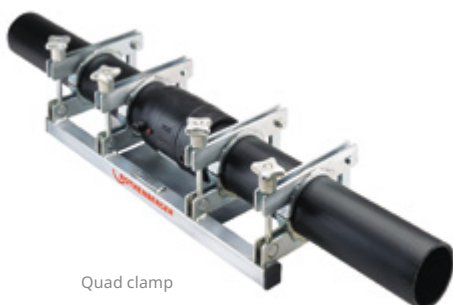
| Model | Weight | PU | No. |
|----------------------------|-----------|----|-------|
| Double clamp short, 75 mm | 3,360 kg | 1 | 53255 |
| Double clamp short, 90 mm | 4.465 kg | 1 | 53256 |
| Double clamp short, 125 mm | 6.645 kg | 1 | 53258 |
| Double clamp short, 140 mm | 6.290 kg | 1 | 53259 |
| 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

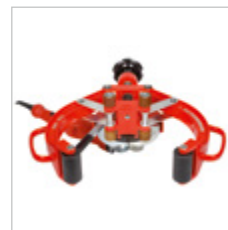


Circular saw

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 x 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

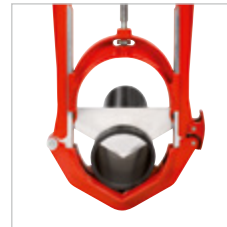
Technical Data

| | |
|-----------------------|----------|
| 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

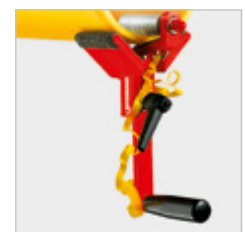
With this tool 15° chamfers can easily be produced on plastic pipes.

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

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

Application Benefits

- Two function in one shear: one cut and ratchet cut function.
- With the one cut function pipes can be cut 80 % faster. You also save time since little calibration is needed.
- Ratchet cut function: if the pipe dimension is too large or the material too thick for a one cut, the shears automatically switches into the ratchet mode
- The quick adjustment of the blade moves directly to the pipe and saves time at work
- Cutting requires 20 % less effort due to the PTFE coated blade.

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

| Model | Weight | PU | No. |
|---------------------------------------|----------|----|------------|
| ROCUT 42 Twin Cut, 0–42 mm (0–1.5/8") | 0.550 kg | 1 | 1000003011 |

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

ROCUT 26 MSR

Plastic pipe shears

The ROCUT 26 MSR is suitable for cutting multilayer composite and plastic pipes with a diameter of 0–26 mm (0–1").

Application Benefits

- Especially suitable for multilayer composite pipes with an aluminum core, it can also cut all standard plastic pipes up to a diameter of 26 mm.
- The curved steel blade enables an exact, right-angled cut and minimizes deformation of the pipe
- Wide pipe support: the pipe cannot tilt and can be cut precisely and straight
- Rubberized handle: for a secure grip without slipping during work
- Transport lock: the pliers legs can be locked in the transport position after use

Technical Data

| | |
|--------------|----------------------------------|
| Working area | Ø 0–26 mm (0–1") |
| Suitable for | PP, PE, PEX, PB, PVDF, MLP pipes |



Model

| Model | Weight | PU | No. |
|-----------------------------|----------|----|------------|
| ROCUT 26 MSR, 0–26mm (0–1") | 0.335 kg | 1 | 1000004324 |

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 Ø 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 Ø 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 Ø 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

Cordless combi-pipe saw New way of cutting: precise, versatile, independent

For new installations and maintenance in the HVAC and industry sector.

Application Benefits

- For cutting copper, plastic, multilayer composite, carbon steel, cast iron and stainless steel pipes up to a pipe diameter of 110 mm
- Mounting rails or threaded rods can be cut quickly and easily
- The PIPECUT MINI is multifunctional and can be converted into a hand-held, plunge-cut or cross-cut rail 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 Ø42 mm)

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 110 mm

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

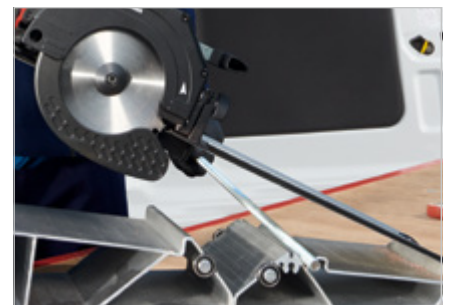
Copper, plastic, C-steel, cast iron or stainless steel can be cut up to a pipe diameter of 110 mm.



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 include: PIPECUT MINI baretool, DURACUT Uni saw blade, pipe support stand and ROCASE 6427 with inlay



KSS Führungsschiene (No. 1500003694) zum Schneiden von Platten optional erhältlich



Set (No. 1000003165) includes: PIPECUT MINI bare tool, cross cut guide rail (No. 1500003693), 1 × RO BP18/4, 4.0 Ah 18 V battery (No. 1000001653), RO BC14/36 charger, 230 V (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 × 4.0Ah battery | 6.200 kg | 1 | 1000003165 |
| PIPECUT MINI inclusive battery charger and cross cut guide rail, 1 × 4.0Ah 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 18 V | 0.420 kg | 1 | 1000001652 |
| RO BP18/4, 4.0 Ah 18 V | 0.575 kg | 1 | 1000001653 |
| RO BP18/4, 4.0 Ah 18 V, Li-HD | 0.515 kg | 1 | 1000002548 |
| RO BP18/8, 8.0 Ah 18 V, Li-HD | 0.915 kg | 1 | 1000002549 |
| RO BC14/36 charger, 230 V | 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 class 1.6



Pressure gauge size 80 mm



Counter display



Measuring accuracy up to X g 10 g



Scale range up to X kg max. 100 kg



Economy valve



With USB connection USB



Touchscreen



WiFi



Piezo ignition Piezo



Fine adjustment of the flame Fine



With video function



With photo function



Memory card



Cable length 30 m



Sturdy casing 2



Pressure hose ball valve Off On



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 R290



eTOOL (NFC tag)



One-handed operation



180° rotatable



App for Android and iOS

Notes





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