



ROWELD® Plastic Pipe Welding Equipment

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Plastic Pipe Shears

ROCUT®

Plastic pipe shears up to Ø 75 mm (3")

In the Basque region of Spain, ROTHENBERGER designs and produces plastic pipe shears of the highest quality. Knife blades from Solingen deliver clean and straight cuts on pipe diameters up to

75 mm and in all current types of plastic used for piping. The aluminium construction guarantees precise operation and long service life through professional use.

Product Profile

APPLICATION AREA

For precise cutting of PP, PE, PEX, PB and PVDF pipes up to Ø 75 mm

KEY FEATURES

- 1 Minimum effort during cutting
- 2 Precise right-angled cuts
- 3 Pin-point precision without deformation
- 4 Precise pressure transfer and guided cutter feed
- 5 Automatic, controlled opening of the blade at the push of a button

KEY FEATURES

- 6 Secure grip with the rubberised handles
- 7 Shear arms lockable in transport position

TECHNICAL DATA

ROCUT® Professional:

TC 42: Ø 0 - 42 mm

TC 50: Ø 0 - 50 mm

TC 63: Ø 0 - 63 mm

TC 75: Ø 0 - 75 mm

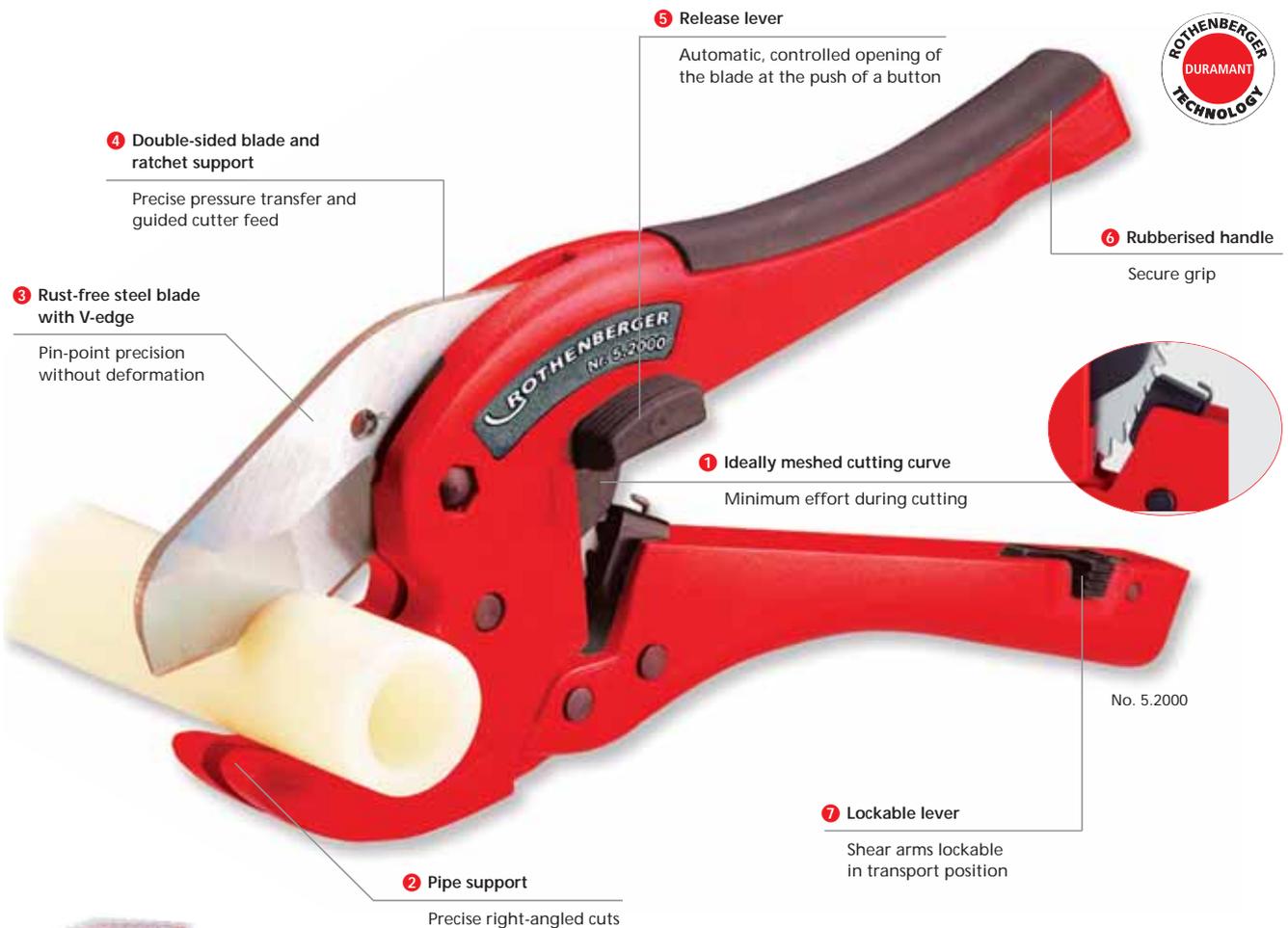
ROCUT® Standard:

TC 26: Ø 0 - 26 mm

TC 32: Ø 0 - 32 mm

PS 35: Ø 6 - 35 mm

PS 26/42: Ø 6 - 42 mm



7



No. 5.2000D

No. 5.2042



Model	mm	inch	g		No.
ROCUT® TC 42	0 - 42	0 - 1 5/8"	447	1 4	5.2000
Spare stainless steel blade	0 - 1 5/8"		120		5.2042
Counter display TC 42				1(10)	5.2000D

Plastic Pipe Shears

ROCUT® TC 50 / TC 75 Professional

Plastic pipe shears up to Ø 75 mm (3")



No. 5.2015



No. 5.2010

ROCUT® TC 63 Professional

Plastic pipe shears up to Ø 63 mm (2.1/2")

(TC 63 Professional for PVC pipes)



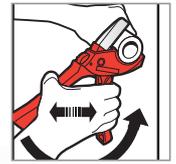
No. 5.2030



ROCUT® TC 26 / TC 32 PS 26 / PS 42 S / PS 35 S

Plastic pipe shears up to Ø 42 mm (1.5/8")

(TC 32 for multi-layer composite pipes MSR)



No. 5.2040



No. 5.2005



No. 5.2005D



No. 5.5005 / No. 5.5015



Model	mm	inch	g	Box	No.
ROCUT® TC 26	0 - 26	0 - 1.1/4"	370	1 4	5.2005
ROCUT® TC 32	0 - 32	0 - 1.3/8"	220	1 4	5.2040
ROCUT® PS 35	6 - 35	1/4 - 1.3/8"	740	1 20	5.5005
ROCUT® PS 26 / 42 S adjustable	6 - 42	1/4 - 1.5/8"	950		5.5015
ROCUT® TC 50	0 - 50	0 - 2"	600	1 4	5.2010
ROCUT® TC 63	0 - 63	0 - 2.1/2"	700	1	5.2030
ROCUT® TC 75	0 - 75	0 - 3"	1600	1	5.2015
Counter display TC 26				1(10)	5.2005D

ACCESSORIES



No. 5.2041



No. 5.5006



No. 5.5007



No. 5.2011



No. 5.2031



No. 5.2016

Description	mm	inch	g	Box	No.
Spare stainless steel blade for TC 32	0 - 32	1.3/8"	120	1	5.2041
Spare stainless steel blade for PS 35 S	6 - 35	1/4 - 1.3/8"	30	1	5.5006
Spare stainless steel blade for PS 26 / 42 S	6 - 42	1/4 - 1.5/8"	60	1	5.5007
Spare stainless steel blade for TC 50	0 - 50	0 - 2"	120	1	5.2011
Spare stainless steel blade for TC 63	0 - 63	0 - 2.1/2"	130	1	5.2031
Spare stainless steel blade for TC 75	0 - 75	0 - 3"	190	1	5.2016

Plastic Pipe Cutters

TUBE CUTTER 67 / 125 / 168 PL Automatik

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



Product Profile

APPLICATION AREA

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



No. 7.0033

Removable internal pipe deburrer



No. 7.0031D

KEY FEATURES

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

TECHNICAL DATA

TC 67 PL:	6 - 67 mm	1/4 - 2.5/8"
TC 125 PL:	50 - 125 mm	2 - 5"
TC 168 PL:	110 - 168 mm	4 - 6.5/8"

Model	mm	inch	Cutting depth	kg		No.
TC 67 PL	6 - 67	1/4 - 2.5/8"	7	0.7	1	7.0031
TC 125 PL	50 - 125	2 - 5"	13	1.6	1	7.0032
TC 168 PL	110 - 168	4 - 6.5/8"	16	1.7	1	7.0033
Counter display TC 67 PL					1 (4)	7.0031D

ACCESSORIES

Spare Cutter wheels for TC 67 PL	7.0	0.1	3	7.0028D
Spare Cutter wheels for TC 125 PL	13.0	0.2	3	5.5054D
Special size TC 125 PL	8.6	0.1	2	5.5053D
Spare Cutter wheels for TC 168 PL	16.0	0.2	2	5.5074D
Special size TC 168 PL	8.6	0.1	2	5.5053D

TUBE CUTTER 35 MSR / 42 MSR PRO / 42 PRO PVC

Telescopic pipe cutter Ø 6 - 42 mm (1/4 - 1.3/8")

APPLICATION AREA

TUBE CUTTER 35 MSR and 42 MSR PRO for multi-layer composite pipe
TUBE CUTTER 42 PRO PVC for PVC pipes

KEY FEATURES

- Space-saving work, also in confined spaces
Uniform small working radius of 123 mm



No. 7.0108

- Right-angled and burr-free cutting with precise telescopic guidance
- Fast and simple adjustment of the working range due to the feed being synchronised with the feeder rotation
- Optimum, fatigue-free operation with the optimised ergonomic handle
- Only one tool for cutting and deburring, integrated, retractable internal pipe deburrer
- Spare cutter wheel in the handle

TECHNICAL DATA

TC 35 MSR:	6 - 35 mm	1/4 - 1.3/8"
TC 42 PRO MSR:	6 - 42 mm	1/4 - 1.5/8"
TC 42 PRO PVC:	6 - 42 mm	1/4 - 1.5/8"

Model	mm	inch	kg		No.	
TC 35 MSR	6 - 35	1/4 - 1.3/8"	440	1	10	7.0108
TC 42 PRO MSR	6 - 42	1/4 - 1.5/8"	510	1	10	7.0109
TC 42 PRO PVC	6 - 42	1/4 - 1.5/8"	510	1	4	7.0072

ACCESSORIES

Spare cutter wheels TC 35/42 MSR	19	1	5	7.0188D
Spare cutter wheels TC 42 PVC	10	3	7.0028D	

EASYGRIP

Automatic strap wrench for plastic pipes Ø 20 - 160 mm (3/4 - 6")

The indispensable tool for socket welding large diameter plastic pipes

KEY FEATURES

- 1 No damage to pipe surface with the centred prismatic support
- 2 Secure grip with special non-slip nylon strap

Model	mm	inch	kg	No.
EASYGRIP	20 - 160	3/4 - 6"	1	5.5075
ACCESSORIES				
Spare strap EASYGRIP			110	5.2046



1 Centred prismatic support

No damage to the pipe surface



2 Non-slip special nylon strap

Secure grip

UNIGRAT Fast deburrer

Fast deburrer with replaceable HSS universal blade

For edge deburring on all conventional plastic pipes and plastic plates

Model	g	No.
UNIGRAT Fast Deburrer	30	2.1660

KEY FEATURES

- Small and handy: ideal as a permanent companion



GRATFIX HSS-deburrer

Fast deburrer with replaceable HSS universal blade

For edge deburring on all conventional plastic pipes and plastic plates

Model	g	No.
GRATFIX HSS fast deburrer	50	2.1655
ACCESSORIES		
Spare HSS blade	10	2.1652

KEY FEATURES

- Always a spare blade at hand: extra blade stored in the handle



No. 2.1655



No. 2.1652



Plastic Pipe Chamfering Unit

With replaceable blades Ø 16 - 160 mm

For 15° outer chamfers on plastic pipe

KEY FEATURES

- Flexible in use, wall thickness is continuously adjustable

Model	mm	g	No.
Chamfering unit size 1	16 - 110	720	5.5050
Chamfering unit size 1	32 - 160	800	5.5051
ACCESSORIES			
Spare blade size 1 and 2		30,0	5.5058



No. 5.5051

Plastic Pipe Cutting & Chamfering Tools

ROCUT® 110 / ROCUT® 160

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



Product Profile

APPLICATION AREA

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.

KEY FEATURES

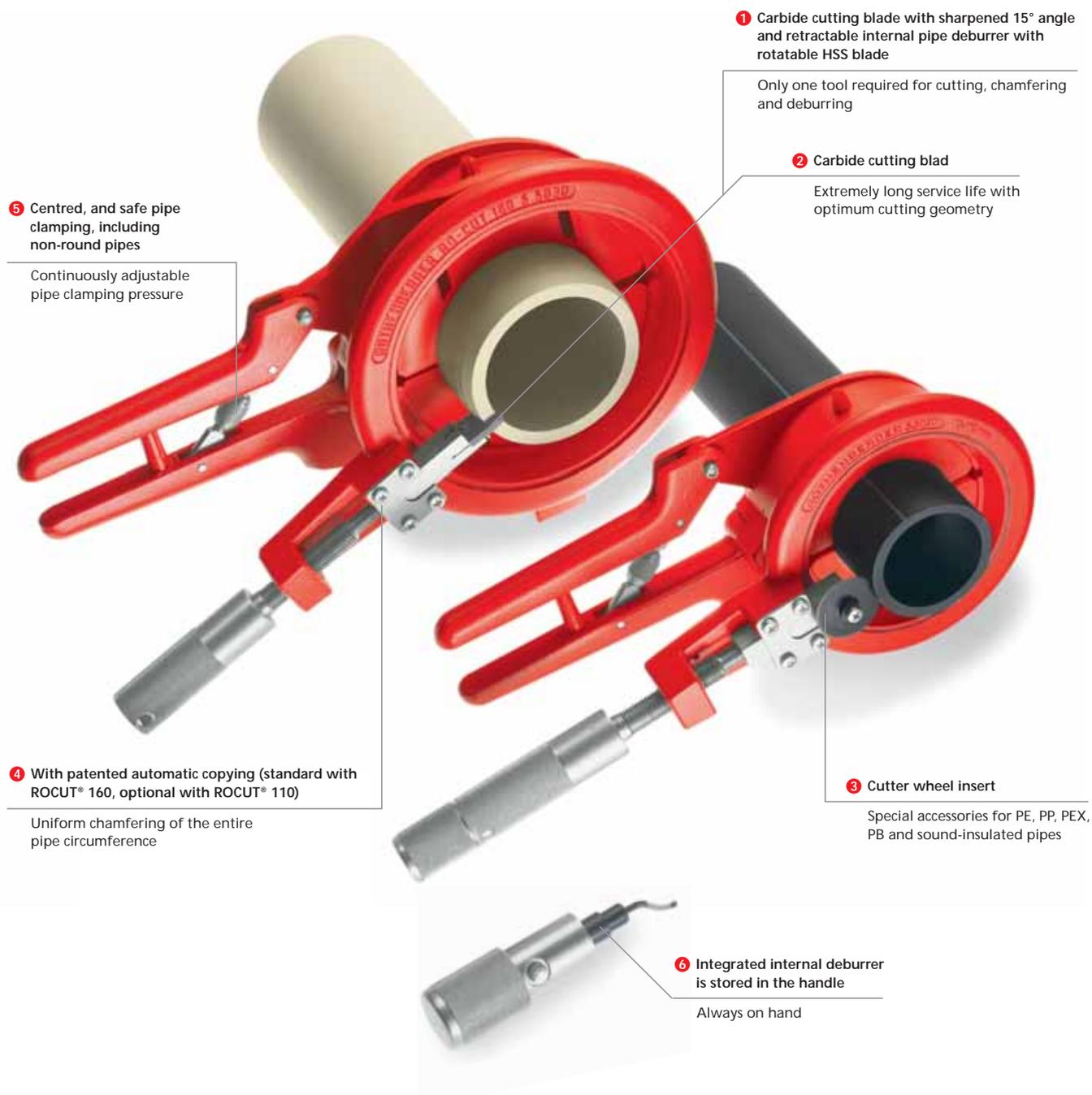
- 1 Only one tool required for cutting, chamfering and deburring
- 2 Extremely long service life with optimum cutting geometry
- 3 Special accessories for PE, PP, PEX, PB and sound-insulated pipes

KEY FEATURES

- 4 Uniform chamfering of the entire pipe circumference
- 5 Continuously adjustable pipe clamping pressure
- 6 Integrated internal deburrer is stored in the handle
- Pipe cutting also possible without chamfering, as cutter blade shaft can be mounted with 180° offset

TECHNICAL DATA

ROCUT® 110: Ø 32 - 110 mm
 ROCUT® 160: Ø 110 - 160 mm



1 Carbide cutting blade with sharpened 15° angle and retractable internal pipe deburrer with rotatable HSS blade

Only one tool required for cutting, chamfering and deburring

2 Carbide cutting blade

Extremely long service life with optimum cutting geometry

5 Centred, and safe pipe clamping, including non-round pipes

Continuously adjustable pipe clamping pressure

4 With patented automatic copying (standard with ROCUT® 160, optional with ROCUT® 110)

Uniform chamfering of the entire pipe circumference

3 Cutter wheel insert

Special accessories for PE, PP, PEX, PB and sound-insulated pipes

6 Integrated internal deburrer is stored in the handle

Always on hand

Plastic Pipe Cutting & Chamfering Tools

ROCUT® 110 / ROCUT® 160 Sets

Set **ROCUT® 110** (No. 5.5035) / (No. 5.5037) includes: ROCUT® 110 (No. 5.5020), internal deburrer (No. 5.5018), clamping set 50, 75 and 110 mm, with standard cutter blade shaft and cutter blade insert (No. 5.5029), cutter wheel (No. 5.4950) (for sound-insulated pipes), plastic carrying case (No. 5.5016), with Set (No. 5.5037) is No. 5.5029 not included



No. 5.5035

Set **ROCUT® 160** (No. 55063) includes: ROCUT® 160 (No. 5.5030), internal deburrer (No. 5.5018), 2 clamping sets, cutter blade shaft with copying and, HM cutter blade insert (No. 5.5019), plastic carrying case (No. 5.5017)



Set No. 5.5063

Model	Working range Ø mm	kg	No.
ROCUT® 110 - Set	50, 75, 110	3.9	5.5035
ROCUT® 110 - Set	58, 78, 110	3.9	5.5037
for sound-insulated pipes			

Model	Working range Ø mm	kg	No.
ROCUT® 160-Set	110, 125, 160	5.6	5.5063



Expansion Set

Conversion kit for ROCUT® RAINMAX



Set (No. 5.5010) includes: Cutter blade shaft with cutter blade (No. 5.4951), clamping set Ø 60, 80, 100 mm (No. 5.5044 / 5.5047 / 5.5048)

Model	with clamping set	kg	No.
From ROCUT® to ROCUT® RAINMAX	60, 80, 100 mm	850	5.5010

ACCESSORIES

Description	g	No.
Internal deburrer with blade,	150	5.5018
Cutter blade for internal deburrer	10	2.1652
Plastic carrying case for ROCUT® 110	850	5.5016
Plastic carrying case for ROCUT® 160	1400	5.5017
You'll find clamping jaw sets on 220		



ROCUT® 110 (No. 5.4950) with cutter blade (special accessories)

For hands-free operation



Clamping in a parallel vice



ROCUT® 160 with cutter wheel



Plastic Pipe Cutting & Chamfering Tools



ROCUT® 110 with cutter wheel (No. 5.4950) (special accessories)



ROCUT® 110

Basic unit Ø 32 - 110 mm

For use with clamping sets Ø 32 - 100 mm, without internal deburrer, with standard cutter blade shaft and cutter blade (No. 5.5029)

Model	mm	g	No.
Basic unit ROCUT® 110	110	2450	5.5020
Clamping set *	100	110	5.5048
Clamping set *	90	150	5.5021
Clamping set *	80	170	5.5047
Clamping set *	78	180	5.5062
Clamping set *	75	210	5.5022
Clamping set *	63	220	5.5023
Clamping set *	58	230	5.5013
Clamping set *	56	270	5.5024
Clamping set *	50	290	5.5025
Clamping set *	40	300	5.5027
Clamping set *	32	330	5.5026

* Clamping set (1 set = 2 semi-circular segments)



ROCUT® 160 with cutter blade



ROCUT® 160

Basic unit Ø 110 - 160 mm

Cutter blade shaft with automatic copying and cutter blade (No. 5.5019), for use with clamping sets Ø 110 - 140 mm, without internal deburrer

Model	mm	g	No.
Basic unit ROCUT® 160	160	3450	5.5030
Clamping set *	140	180	5.5031
Clamping set *	125	250	5.5032
Clamping set *	110	310	5.5033

* Clamping set (1 set = 2 semi-circular segments)

7



With automatic copying



HM Cutter Blade Inserts

ROCUT® 110 and ROCUT® 160

Model	Cutting depth mm	g	No.
Cutter blade shaft with automatic copying and HM cutter blade inserts	7.5	110	5.4960
Cutter blade shaft with automatic copying and HM cutter blade inserts	12.5	120	5.4961
Spare HM cutter blade insert for cutting and chamfering 15°	7.5	10	5.5029
Spare HM cutter blade insert for cutting and chamfering 15°	12.5	20	5.5019



Cutter Wheels

ROCUT® 110 and ROCUT® 160

Model	Cutting depth mm	g	No.
Cutter blade shaft with cutter wheel (No. 5.5074)	16.0	130	5.4950
Spare cutter wheels (2 pcs.)	8.6	10	5.5053D
Spare cutter wheels (3 pcs.)	13.0	20	5.5054D
Spare cutter wheels (2 pcs.)	16.0	20	5.5074D

Orbital Circular Saw for Plastic Pipe

ROCUT® UKS 160 / 355

High-performance orbital circular saw Ø 160 - 355 mm



Product Profile

APPLICATION AREA

For cutting of plastic pipes made of PE, PP and PVC
For use on the building site or in the workshop.

KEY FEATURES

- 1 Right-angled cuts with no misalignment
- 2 Exact repeatable cuts with adjustable cutting depth limit and fine setting
- 3 Efficient and economical operation with high cutting speed
- 4 Safe operation with TÜV tested saw blade guard
- 5 Optimum pipe centering

TECHNICAL DATA

Voltage: 230 V 50 / 60 Hz
Power: 1520 W
Outer pipe diameters: 160 mm - 355 mm
Smin.: 8 mm
Smax.: 40 mm



- 3 Powerful 1520 W motor with high cutting speed
Time-saving and efficient operation
- 4 TÜV tested saw blade guard
Safe operation
- 5 Central clamping
Optimum pipe centering



- 2 Adjustable cutting depth with fine setting
Exact repeatable cuts

No. 5.5655



No. 5.5505



- 1 Wide, rubberised clamping and guide rollers
Right-angled cuts with no misalignment

Six rubberised clamping & guide rollers ensure right-angled cuts with no misalignment



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



Model	kg	No.
ROCUT® UKS 160/355, complete with HM saw blade (No. 5.5505), without transport box	15.4	5.5620
ACCESSORIES		
Spare HM saw blade 180 x 30 mm with spacer	0.6	5.5505
Transport box 700 x 350 x 500 mm	17.5	5.5655



Socket Welding Unit

ROWELD® P 63 S-5 Sword

Socket welding unit Ø 20 - 63 mm



Product Profile

APPLICATION AREA

Socket welding unit for use with heating spigots and heating sockets Ø 20 - 63 mm with three simultaneously usable combinations for welding sockets, pipes and fittings up to Ø 63 mm

KEY FEATURES

- 1 Increased flexibility and combination options for every day use
- 2 Long service life and according to DVS regulations
- 3 All important information at a glance
- 4 Safe operation with the temperature control as per DVS regulations

KEY FEATURES

- 5 Light and handy for fatigue-free use
- 6 Simple operation even in confined spaces
- 7 Unit has an integrated and retractable floor stand

TECHNICAL DATA

Power:	800 W
Model:	Thermostatic or electronically controlled
Pipe diameter:	For sockets, pipes and fittings from Ø 20 - 63 mm
Voltage:	230 V 50 / 60 Hz 110 / 115 V 50 / 60 Hz

1 3 holes for mounting heating spigots and heating bushes

Increased flexibility and combination options for every day use

2 Heating spigots and heating bushes (Ø 20 - 63 mm) with high quality PTFE-anti-stick-covering

Long service life and according to DVS regulations

Isolator prevents heat transport to the case

Efficient heat protection

3 Control lamps for controls and intervals

All important information at a glance

4 Safe operation with the temperature control as per DVS regulations I

Process safety thanks to temperature control according to DVS

Automatic overheat protection

Unit safety

6 Heating plate with an especially narrow sword form

Easy operation even in confined spaces

7 Unit has an integrated and retractable floor stand

Floor stand is always available when needed

5 Integrated ergonomic handle

Light and handy for fatigue-free use



7



Socket Welding Unit

ROWELD® P 63 S-5 Sword Set

P-63 S-5 Sets include: Heating spigots, Allen key size 6 (No. 32.1216), socket-head screws and table mounting clamp in plastic carrying case

Electronically controlled for a constant temperature



Fig. P 63 S-5, thermostatically controlled



Fig. P 63 S-5, electronically controlled

Model	Performance Working range Ø mm	Control Voltage	Description	kg	230 V No.	110/115 V No.
P 63 S-5 Set	20, 25, 32	800	thermostatic	4.30	5.3892	5.3894
P 63 S-5 Set	20, 25, 32, 40, 50, 63	800	thermostatic	5.30	5.3893	5.3889
P 63 S-5 Set	20, 25, 32	800	electronically	4.30	5.3890	5.3886
P 63 S-5 Set	20, 25, 32, 40, 50, 63	800	electronically	5.30	5.3891	5.3887
P 63 S-5 Single unit		800	thermostatic	1.78	5.3897	5.3899
P 63 S-5 Single unit		800	electronically	1.78	5.3896	5.3898

Heating Spigots & Sockets (Form A) for P 63 S-5

With high-quality non-stick Teflon coating with a long service life and manufactured according to DVS regulations



Working range Ø mm	g	No.
20	80	5.3511
25	100	5.3512
32	170	5.3513

Working range Ø mm	g	No.
40	260	5.3514
50	370	5.3515
63	600	5.3516

Secure workbench operation, integrated holder for the table mounting clamp



P 63 S-5 Set thermostatically controlled



Heating Plates

ROWELD® HE Heating Plates

Heating plates for butt welding of PE, PP, PVDF and PB pipes and fittings with Ø 20 - 250 mm



Quick-exchange system for heating plates



Plastic pipe heating plates for free-handed working or workbench assembly using table mounting clamp

KEY FEATURES

- Long service life and manufactured according to DVS regulations
- Process reliability with the temperature control according to DVS, CEN and ISO standards
- Electronic temperature control and monitoring as well as prevention against unintentional temperature adjustment
- Save time and money with quick-exchange system for heating plates

Power watts	Heating plate Ø mm	Control Model	kg	230 V 50/60 Hz	110/115 V 50/60 Hz
500	120/45°	electronically	1,80	5.5518	5.5517
800	200	electronically	3,25	5.5316	5.5851
1500	300	electronically	5,35	5.5317	5.5854

ACCESSORIES

Table mounting clamp	0,45	5.5524
Carrying case for Ø 200 mm heating plate	2,80	5.5525
Carrying case for Ø 300 mm heating plate	5,90	5.5528

ROWELD® P 125

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



No. 5.5321



Heating spigot/
Heating socket



Adaptor plate



Model	Power watts	mm	Control Model	kg	230 V 50/60 Hz
P 125	1300	16 - 125	electronically	3,10	5.5321
P 125 Set	1300	63 - 125	electronically	17,05	5.5546

ROWELD® P 125 Set (Form A)

In carrying case with socket welding unit (1300 Watt), heating spigots and sockets, adaptor plate (1 set = 2 plates.), heating spigots and sockets, adaptor plate (1 set = 2 plates.), table mounting clamp and floor stand

Product Profile

PERFORMANCE CHARACTERISTICS

- With high-quality non-stick Teflon coating, long service life and manufactured according to DVS regulations

KEY FEATURES

- Process reliability with the temperature control according to DVS, CEN and ISO standards
- Electronic temperature control and monitoring, as well as prevention against unintentional temperature adjustment
- Saves time and money with quick-exchange system for heating plates
- Optimum temperature distribution over the entire working area
- 4 holes for mounting of heating spigots and heating sockets

Set (No. 5.5546) includes: Basic unit, table mounting clamp, heating spigot/heating socket, 63-75, 90, 100 and 125 mm, steel case

Heating Spigots / Heating Sockets

Model	kg	No.	Model	kg	No.
16	0,06	5.5585	40	0,26	5.5592
17	0,06	5.5586	50	0,37	5.5593
18	0,08	5.5587	63	0,60	5.5594
19	0,08	5.5588	75	0,89	5.5595
20	0,08	5.5589	90	1,33	5.5596
25	0,10	5.5590	110	2,07	5.5597
32	0,17	5.5591	125	2,33	5.5598

ACCESSORIES

Description	kg	No.	Description	kg	No.
Table mounting clamp for P 125	0.45	5.5524	Floor stand for ROWELD® P 125	0.44	5.5539
Allen key No. 6 for P 125	0.02	32.1215	Socket pin for heating spigot for P 125	0.01	5.5549
Carrying case for ROWELD® P 125 Set	4.70	5.5555			
Allen key size 5. M 6 x 40 for heating spigots / heating bushes and adaptor plate for P 125				0.01	8.1957
Adaptor plate for butt welding ROWELD® P 125 Ø 160 mm (1 set = 2 pcs) non-stick Teflon coating				1.15	5.5536

ROWELD® HG / WG



Product Profile

APPLICATION AREA

Processing of roofing materials
Welding of sheets, films, tents, in boat building, refuse dump lining, for swimming pools, automotive industry and tank construction. Shrinking of fittings and sleeves in the electrical industry.
Repair and processing of plastic parts in automobile repair shops, hot air welding, shaping and shrinking of thermoplastics in the workshop or on building sites

KEY FEATURES

- Suitable for continuous operation
- Light, handy and robust
- Welding temperature up to 700° C, continuously adjustable
- Gentle cooling protects heating elements when work is completed, additional cooling stage so there is no need to change the preselected heating on the HG 1600 E

KEY FEATURES

- Clip-on speed nozzles, no screws
- Easy fitting of the nozzles in all working applications
- Service-friendly: Heater assembly easily replaceable
- Ideal for stationary use in the workshop, powerful, light (700 g) and handy hot gas welding unit (WG 1600 E)
- Active device protection for a long service life. In case of an air supply failure, a safety circuit reduces the heating power and switches it off completely after 30 seconds (WG 1600 E)

TECHNICAL DATA

Air requirement: 80 - 250 l / min
We recommend the air compressor V 26, (No. 5.3378) for the WG 1600 E

Heating element: 1500 Watt heating element with electronic temperature control



No. 5.5770



No. 5.5780

Model	kg	230 V 50 / 60 Hz
ROWELD® HG 1600 E complete with 5 mm tubular nozzle (No. 5.5769)	1.4	5.5770

Model	g	230 V 50 / 60 Hz
ROWELD® WG 1600 E complete with 5 mm tubular nozzle (No. 5.5769)	700	5.5780

Nozzles for HG 1600 E and WG 1600 E



Description	Parts-No.	kg	No.
Universal tubular nozzle	1	5.0	40 5.5769
Wide slot nozzle, angled	2	20.0	50 5.5778
Wide slot nozzle	3	40.0	60 5.5779
Speed nozzle for round welding rod	4	3.0	20 5.5773
Speed nozzle for round welding rod		4.0	20 5.5774
Speed nozzle for round welding rod		5.0	20 5.5775
Triangular speed nozzle for profiled welding rod	5	5.0	20 5.5776
Triangular speed nozzle for profiled welding rod		7.5	20 5.5777
Tacking nozzle	6		20 5.5772

Description	Parts-No.	kg	No.
Shrinking reflector	7		60 5.5783
Pressure roller, 45 mm for overlap welding of sheets	8		210 5.5816
Universal scraper set for preparing welded seams (consisting of handle, triangular, heart and multi-shaped blades)	9		210 5.3380
Phillips screwdriver for nozzle mounting	10		40 7.3152
Heating plate 1500 Watt	11		80 5.5800
Spare carbon brushes (1 set = 2 brushes) for HG 1600 E			10 5.5788
Reinforced plastic pipe, 3 m (f. WG 1600 E)	12		350 5.5782
Steel case for ROWELD® HG 1600 E			4400 5.5799



Plastic Pipe Welding Machine P 110

ROWELD® P 110

Plastic pipe welding machine Ø 20 - 110 mm



Product Profile

APPLICATION AREA

For butt welding of pipes and fittings made of PE, PP, PB and PVDF. Particularly suited for installation work and for work in confined spaces - also in pipe networks

KEY FEATURES

- 1 Production of segmented bends possible
- 2 Precise pressure adjustment
- 3 Single and double-sided trimming possible

KEY FEATURES

- 4 Production of pipe and fitting joints
- 5 Secure hold and simple axial pipe alignment

TECHNICAL DATA

Pipe diameter:	Ø 20 - 90 mm (SDR 41 - SDR 7,25) Ø 20 - 110 mm (SDR 41 - SDR 11)
Weight:	8,5 kg
Size:	450 mm total length

- 4 Narrow basic clamping elements can be used

Segmented bends can be produced

- 5 Wide aluminium reducer clamp inserts (Ø 20 - 90 mm) for pipes and pipe joints

Secure hold and simple axial pipe alignment

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

Segmented bends can be produced

- 3 Mechanical stop adjustable from both sides

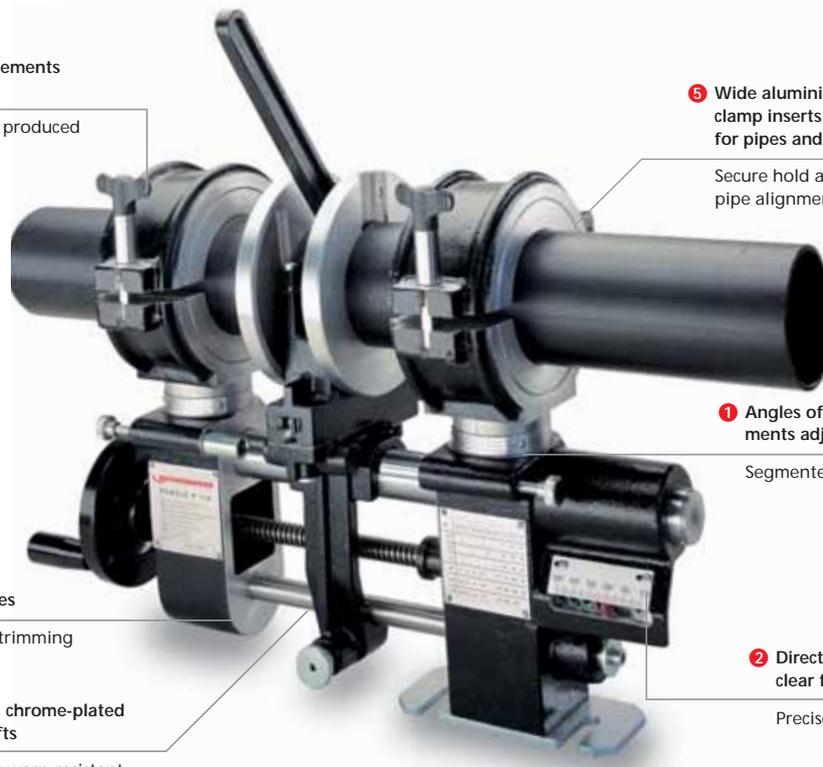
Single and double-sided trimming possible

- 2 Direct force transmission and clear force scale

Precise pressure adjustment

Hardened, chrome-plated guide shafts

Absolutely warp-resistant



7



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



Scope of delivery (No. 5.5844): Basic machine (No. 5.5787) with table mounting brackets, manual trimmer unit (No. 5.5826), electronically controlled heating plates, basic clamping set R/R (No. 5.5807) (Ø 110 mm) and basic clamping set R/F, left (No. 5.5808) (Ø 110 mm), reducer clamping inserts R/R and R/F for Ø 40 - 90 mm, assembly tools, table mounting clamp (No. 5.5524), transport box (No. 5.5832)

Model	Working range Ø mm	Temperature control	230 V 50/60 Hz	110/115 V 50/60 Hz
ROWELD® P 110 complete	40, 50, 56, 63, 75, 90, 110	electronically	43	5.5844 5.5924
You'll find accessories on 232				

ROWELD® ROFUSE Sani 160

Universal electro-fusion welding unit for PE and PP drainage pipe fittings Ø 40 - 160 mm



Product Profile

APPLICATION AREA

Universal electro-fusion welding unit for PE and PP drainage pipe fittings, for 230 V fittings

For the following makes: Geberit, Akatherm-EUR, Coes, Valsir, WAVIN-Duo, Aquatherm and Vulcathene-Euro

KEY FEATURES

- 1 Microprocessor-controlled welding unit with automatic welding parameter settings
- 2 Visual monitoring of the welding process
- 3 Large operating radius
- 4 Robust and impact resistant casing (IP 44)
- Automatic welding parameter settings

TECHNICAL DATA

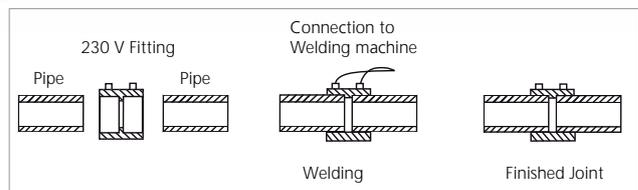
Input Voltage:	230 V
Tolerance:	186 V - 275 V
Frequency:	40 Hz - 70 Hz
Output voltage:	230 V
Protection class:	IP 44
Temperature range:	-5 °C bis + 40 °C
Max. Output current:	5 A
Weight:	1,2 kg
Dimensions:	120 x 160 x 77 mm
Welding cable:	3 m



Carrying case



Easy to transport



Model		No.
ROWELD® ROFUSE Sani 160 with carrying bag	1.2	5.4230

Plastic Pipe Welding Machine P 160 Saniline

ROWELD® P 160 SANILINE

Plastic sanitary pipe welding machine from Ø 40 - 160 mm



Product Profile

APPLICATION AREA

For butt welding of PP, PB and PVDF pipes and fittings, especially suitable for 45° branches and tight elbows
For use on building sites or in the workshop

KEY FEATURES

- 1 Versatile for difficult situations with the removable heating plates
- 2 Secure clamping of pipes, fittings, tight 45° branches and 90° elbows
- 3 Protects against unintentional starting and derailing of the trimmer unit
- 4 Precise pressure adjustment

KEY FEATURES

- 5 Minimum drag force
- 6 40% higher stability with simultaneously optimised force distribution
- 7 All common sanitary installation fittings can be clamped

TECHNICAL DATA

Pipe diameter:	Ø 40 - 110 mm (SDR 41 - 7,25)
	Ø 40 - 140 mm (SDR 41 - 11)
	Ø 40 - 160 mm (SDR 41 - 17,6)
Weight:	34,4 kg
Heating plate:	800 W
Trimmer unit:	500 W

- 2 Non-slip reducer clamp inserts for Ø 40 - 140 mm with clamping force adjustment

Safe clamping of pipes, fittings and 45° branches and 90° elbows

- 3 Safety circuit and automatic locking in the working position

Protects against unintentional starting and derailing of the trimmer unit

- 1 Removable heating plate with long service life and manufactured according to DVS, CEN and ISO regulations. High-quality non-stick Teflon coating

Versatile for difficult situations

- 7 Multiple clamping possibilities

All common sanitary installation fittings can be clamped

- 4 Direct force transmission and clear force scale

Precise pressure adjustment

- 5 Smooth-funning machine carriage

Minimum drag force

- 6 Revolutionary angled-bed design

40% higher stability with simultaneously optimised force distribution



7



Plastic Pipe Welding Machine P 160 Saniline



ROWELD® P 160 SANILINE

Scope of delivery (No. 5.4000/5.4001): Basic machine with electric trimmer, electronically controlled heating plates, removable, basic clamping set (right & left) for Ø 160 mm (No. 5.4082), pipe supports Ø 160 mm, reducer inserts and supports for 40, 50, 63, 75, 90, 110 and 125 mm in steel case (5.4020), assembly tools, mobile working and transport frame (No. 5.4015)



Mechanical stop adjustable from both sides
Single and double-sided trimming possible



Fig. ROWELD® 160 SANILINE complete (No. 5.4000) including transport frame (No. 5.4015)



Abb. ROWELD® P 160 SANILINE Special edition (No. 5.4004) scope of delivery like No. 5.4000, except with collapsible transport frame (No. 5.6051) instead of No. 5.4015



Model	Working range Ø mm	Temperature control	 kg	230 V 50/60 Hz	110/115 V 50/60 Hz
ROWELD® P 160 SANILINE complete	40, 50, 63, 75, 90, 110, 125, 160	electronically	57,4	5.4000	5.4001
ROWELD® P 160 SANILINE Special edition	40, 50, 63, 75, 90, 110, 125, 160	electronically	61,2	5.4004	

You'll find accessories on  233

Easy to transport



Trimmer attachment (No. 5.4040)
(special accessories)



Basic clamping set No. 5.4082
(special accessories)



Plastic Pipe Welding Machine P 250 A

ROWELD® P 250 A

Plastic pipe welding machine Ø 40 - 250 mm



Product Profile

APPLICATION AREA

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

KEY FEATURES

- 1 Versatile for difficult situations with the removable heating plates
- 2 Protects against unintentional starting and derailing of the trimmer unit
- 3 Single and double-sided trimming possible
- 4 Warp-resistant for minimum drag and low pressure transfer loss

KEY FEATURES

- 5 Precise welding pressure adjustments on the clear force scale
- 6 Reliable, warp-resistant transfer of the welding pressure
- 7 Stable working table always available

TECHNICAL DATA

Pipe diameter:	Ø 40 - 110 mm (SDR 41 - SDR 7.25)
	Ø 40 - 125 mm (SDR 41 - SDR 11)
	Ø 40 - 200 mm (SDR 41 - SDR 17.6)
	Ø 40 - 225 mm (SDR 41 - SDR 26)
	Ø 40 - 250 mm (SDR 41 - SDR 33)
Weight:	36.4 kg
Trimmer unit:	450 W
Heating plate:	1500 W

- 2 Electric, high-torque safety trimmer unit (450 watt) locks into place in the working position

Protects against unintentional starting and derailing of the trimmer unit

- 3 Mechanical stop adjustable from both sides

Single and double-sided trimming possible

- 1 Removable heating plate

Versatile for difficult situations



- 6 Rugged basic clamping set Ø 250 mm with reducer inserts for Ø 180 - 225 mm plus pipe supports and Ø 160 mm set with reducer inserts for Ø 40 - 140 mm plus pipe supports

Reliable, warp-resistant transfer of the welding pressure

- 4 Mounted machine carriage is smooth running, hardened, chrome-plated ball lining driven in guide shaft

Warp-resistant, for minimum drag force and low loss of pressure transfer

- 5 Direct pressure transfer

Precise welding pressure adjustments on the clear force scale



7



Plastic Pipe Welding Machine P 250 A

ROWELD® P 250 A

Scope of delivery (No. 5.5795/5.5796): Basic Machine with electric trimmer unit, holder for heating plate, electronically controlled heating plate with contact protection, basic Ø 160 mm and 250 mm clamping set plus Ø 160 mm and 250 mm support fork inserts, reducer inserts and support fork inserts for Ø 40 - 140 mm and Ø 180 - 225 mm, assembly tools, steel transport box 800 x 520 x 765 mm, assembly tools, steel transport box 800 x 520 x 765

Heating element (1500 Watt) with High-quality non-stick Teflon coating

Removable heating plate with long service life and manufactured according to DVS, CEN and ISO regulations



7 Protective cover of transport box serves as machine base

Stable working table always available



No. 5.5795



Model	Working range Ø mm	Temperature control	 kg	230 V 50/60 Hz	110/115 V 50/60 Hz
ROWELD® P 250 A complete	40, 50, 56, 63, 75, 90, 110 125, 160, 180, 200, 225, 250	electronically	127,0	5.5795	5.5796
ROWELD® P 250 A basic machine			36,4	5.5768	5.5738

You'll find accessories on  234

Welding of T-pieces



Conversion kit for segment elbows 160 mm (special accessories)



Accessories ROWELD® P 110



ROWELD® P 110 Basic Machine

Model	kg	No.
ROWELD® P 110 Basic Machine with table mounting bracket	6.8	5.5787



No. 5.5808 / No. 5.5809

No. 5.5807

Basic Clamping Set 110 mm

Model	kg	No.
For wide/pipe joints (1 set = 2 clamps)	2.5	5.5807
For narrow/fitting joints, left (1 clamp.)	1.0	5.5808
For narrow/fitting joints, right (1 clamp.)	1.0	5.5809



Reducer clamping inserts for pipe/wide

Reducer Clamping Inserts Pipe Wide

Set includes 4 aluminium semi-circular segments each

mm	kg	No.	mm	kg	No.
20	1.9	5.5318	56	1.6	5.5122
25	1.9	5.5126	63	1.4	5.5121
32	1.8	5.5125	75	1.6	5.5120
40	1.7	5.5124	90	1.1	5.5119
50	1.7	5.5123			



Reducer clamping inserts for pipe/narrow

Reducer Clamping Inserts Pipe Narrow

Set includes 2 metal semi-circular segments each

mm	kg	No.	mm	kg	No.
20	0.6	5.5319	56	0.5	5.5130
25	0.6	5.5134	63	0.5	5.5129
32	0.5	5.5133	75	0.4	5.5128
40	0.5	5.5132	90	0.3	5.5127
50	0.5	5.5131			



No. 5.5826

Manual Trimmer Unit

Model	kg	No.
With machine holder	1.90	5.5826
Spare blade (1 set = 2 blades)	0.05	5.5152



Heating Plate

With non-stick Teflon coating, 180 x 130 mm, 800 Watt

Model	kg	230 V 50/60 Hz	110/115 V 50/60 Hz
Electronically controlled	2.6	5.5324	5.5918
Table clamp	0.7	5.5524	5.5524



No. 5.5199



Flange Adaptor

For centred welding of flanges

Model	kg	No.
Flange Adaptor	1.5	5.5199
ACCESSORIES		
Steel carrying case (540 x 345 x 355 mm)	14.20	5.5832
Allen key No. 6	0.03	32.1216
Allen key No. 8	0.05	32.1218

ROWELD® P 160 SANILINE Basic Machine

Basic machine includes: Trimmer unit (500 W), heating plate (800 W), basic clamp set Ø160mm, pipe supports Ø 160 mm



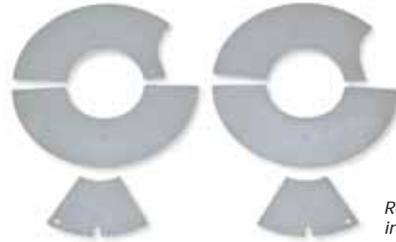
ROWELD® P 160 SANILINE
Basic machine

Model		230 V 50/60 Hz	110/115 V 50/60 Hz
ROWELD® P 160 SANILINE Basic Machine	34.4	5.4005	5.4006

Reducer Clamping Insert Set

Set includes: Reducer inserts (4 semi-circular segments), pipe supports

Nominal size		No.	Nominal size		No.
40	1.6	5.4083	90	1.6	5.4088
50	1.6	5.4084	110	1.7	5.4089
56	1.6	5.4085	125	1.5	5.4090
63	1.6	5.4086	140	1.5	5.4091
75	1.6	5.4087			



Reducer clamping
insert set

Trimmer Adaptor (special accessories)

Ø 40 - 75 mm for trimming 45° branches, replaceable blades

Model		No.
Trimmer Adaptor, for Ø 40 - 75 mm	0.63	5.4040



Trimmer attachment
for 45° branches
Ø 40 - 75 mm
(No. 5.4040)



Basic Clamping Set (special accessories)

For outer clamping position, especially for welding pressure pipes, includes 2 basic clamps, left and right, up to Ø 160 mm

Model		No.
Basic Clamping Set Ø 160 mm	5.3	5.4082



Basic clamping set for maximum diameter clamping



ROWELD® P 160 SANILINE Conversion Kit

Converting existing ROWELD® P 160 SANILINE with new universal clamp system

Set (No. 5.4080) includes: Basic clamping set Ø 160 mm left and right, (No. 5.4082) as well as two reducer clamping sets (left and right) for the diameters 40, 50, 63, 75, 90, 110 and 125 mm

Model	Working range Ø mm		No.
Conversion Kit	40, 50, 63, 75, 90 110, 125, 160	11.20	5.4080



No. 5.4080

ACCESSORIES			
Trolley and transport sub-frame	11.30	5.4015	
Folding trolley	20.00	5.6051	
Steel case for reducer inserts	2.32	5.4020	
Open-ended spanner SW 17 DIN 894	0.05	31.0411	
Trimmer unit blades 75 mm (Set = 2 blades)	0.06	5.5685	
Blades 35 mm for trimmer adaptor	0.01	5.5686	
Heating plate 230 V / 115 V / 110 V	1.92	5.5316/5.5851	
Trimmer blade, carbide 75 mm Set = 2 blades	0.06	5.5684	



Accessories ROWELD® P 250 A



Conversion Kit for Segment Elbows

For welding of segment elbows up to Ø 40 -160 mm, 15° each side. Old models not convertible (without reducer clamping inserts)

Model	mm	kg	No.
Conversion Kit	160	9.80	5.5712



No. 5.5717

No. 5.5742

Basic Clamping Set

Set includes: 2 basic clamps and 2 support forks

mm	kg	No.	mm	kg	No.
160	7.25	5.5742	250	10.10	5.5717



Reducer clamping insert set

Reducer Clamping Insert Set

Each set consists of: Pipe clamping inserts (4 metal semi-circular segments) and support fork inserts (2 metal semi-circular segments) for basic clamping set (No. 5.5742)

mm	kg	No.	mm	kg	No.
180	2.46	5.5721	225	1.41	5.5719
200	2.03	5.5718			

mm	kg	No.	mm	kg	No.
32	1.89	5.5753	90	1.50	5.5747
40	1.89	5.5752	110	1.26	5.5746
50	1.81	5.5751	114	1.20	5.5745
56	1.83	5.5750	125	1.06	5.5744
63	1.75	5.5749	140	0.80	5.5743
75	1.68	5.5748			

7



Basic clamping tools

Basic Clamping Tools

For all pipe diameters, especially suitable for welding of 45° branches

mm	kg	No.	mm	kg	No.
left			right		
40	1.90	5.5288	40	1.90	5.5198
50	2.14	5.5287	50	2.14	5.5197
56	2.18	5.5286	56	2.18	5.5196
63	2.10	5.5285	63	2.10	5.5195
75	2.50	5.5284	75	2.50	5.5194
90	2.49	5.5283	90	2.49	5.5193
110	2.46	5.5282	110	2.46	5.5192
125	2.64	5.5281	125	2.64	5.5191
140	3.36	5.5280	140	3.36	5.5190



No. 5.5317 / No. 5.5854

Heating Plate

Non-stick Teflon coating. Ø 300 mm, 1500 Watt

Model	kg	230 V 50 / 60 Hz	110 V / 115 V 50 / 60 Hz
Electronically controlled	5.35	5.5317	5.5854

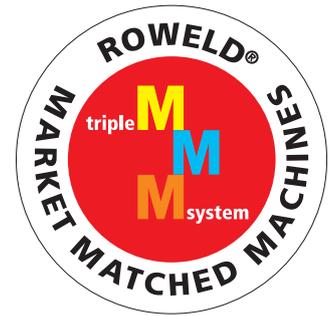
ACCESSORIES

Description	kg	No.
Spare blade (1 set = 2 blades)	0.1	5.5163
Allen key No. 8	0.2	32.1218
Transport box, protective cover red	25.00	5.5759
Steel case	2.82	5.4020

The exclusive ROWELD® Triple-M-System from ROTHENBERGER

ROTHENBERGER has opened up a completely new dimension in the application of butt welding machines. With the new **ROWELD® Triple-M-System** ROTHENBERGER offers a machine system which allows you to combine and assemble the exact machine according to your exact needs whether for gas line installations, drinking water supply or distribution, sewage pipes or various other industrial pipe systems.

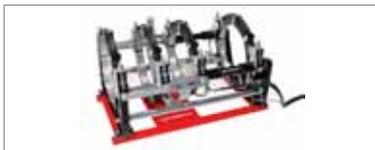
With the **ROWELD® Triple-M-System** you have a machine at your disposal that makes working to exact requirements possible; from pipe diameters from 40 mm up to 355 and all SDR series. **Of course, all the individual components are universally compatible with each other, (see combination examples below).**



Examples of use Gas- / Water installation

Pipes in the SDR series

SDR 41 - 7,4 **Option 1**
Option 2



ROWELD® Premium Basic Machine 160/250/315/355



ROWELD® CNC Hydraulic System



ROWELD® DDT Dual-face Trimmer



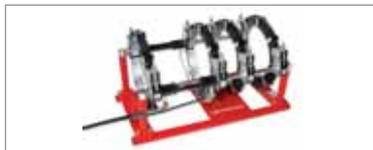
ROWELD® VA CNC HE



Examples of use Water installation

Pipes in the SDR series

SDR 41 - 11 **Option 3**



ROWELD® Professional Basic Machine 160/250/315/355



ROWELD® Professional Hydraulic System



ROWELD® SDT Single-face Trimmer



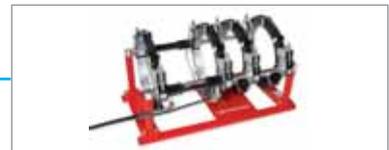
ROWELD® SA CNC HE



Examples of use Sewage installation

Pipes in the SDR series

SDR 41 - 11 **Option 4**



ROWELD® Professional Basic Machine 160/250/315/355



ROWELD® Basic Hydraulic System



ROWELD® SDT Single-face Trimmer



ROWELD® Basic HE



SDR = Standard Diameter Ratio
Outer-Ø
Pipe wall thickness

Overview ROWELD® Building Site Machine

ROWELD® P 200 B / P 200 B CNC SA

Plastic pipe welding machine Ø 63 - 200 mm



APPLICATION AREA
For butt welding of PE, PA 12, PP and PB pipes and fittings. From Ø 63 - 200 mm for all pressure stages and SDR series. For use on building sites, in trenches, on pipe bridges and in workshops.

TECHNICAL DATA	
Trimmer unit:	620 W 230 V 50 / 60 Hz
Hydraulic unit:	370 W (0 - 100 bar) 230 V 50/60 Hz
Heating plate:	1000 W, 230 V 50 / 60 Hz



No. 5.5391

ROWELD® P 500 B / P 500 B CNC

Plastic pipe welding machine Ø 200 - 500 mm



APPLICATION AREA
Butt welding of PE and PP pipes and fittings. Ø 200 - 500 mm and fittings of all pressure levels and SDR series For use on building sites, in pipe trenches or in the workshop

TECHNICAL DATA	
Trimmer unit:	1100 W, 400 V 50 / 60 Hz
Hoist (optional):	450 W, 400 V 50 / 60 Hz
Hydraulic unit:	750 W (0 - 120 bar) 230 V 50 / 60 Hz
Heating plate:	4000 W, 400 V 50 / 60 Hz

ROWELD® P 630 B / P 630 B CNC

Plastic pipe welding machine Ø 315 - 630 mm

APPLICATION AREA
Butt welding of PE and PP pipes and fittings. Ø 315 - 630 mm and fittings of all pressure levels and SDR series. For use on building sites, in pipe trenches or in the workshop

TECHNICAL DATA	
Trimmer unit:	1100 W, 400 V 50 / 60 Hz
Hoist (optional):	450 W, 50 / 60 Hz
Hydraulic unit:	750 W (0 - 120 bar) 400 V 50 / 60 Hz
Heating plate:	8000 W, 400 V 50 / 60 Hz



No. 5.3420 (230 V)
No. 5.3400 (400 V)



No. 5.3300

Overview ROWELD® Building Site Machine

ROWELD® P 800 B / P 1200 B

Plastic pipe welding machine Ø 500 - 1200 mm



Product Profile

APPLICATION AREA

For welding of plastic pipes. For use on building sites and in the workshop
 From Ø 500 - 800 mm (P 800 B)
 From Ø 710 - 1200 mm (P 1200 B)

TECHNICAL DATA

P 800 B

Trimmer unit: 1500 W, 400 V 50 / 60 Hz
Hydraulic unit: 1500 W, (0 - 120 bar)
 400 V, 50 / 60 Hz
Heating plate: 12000 W, 400 V 50 / 60 Hz
Weight: 1550 kg

P1200 B

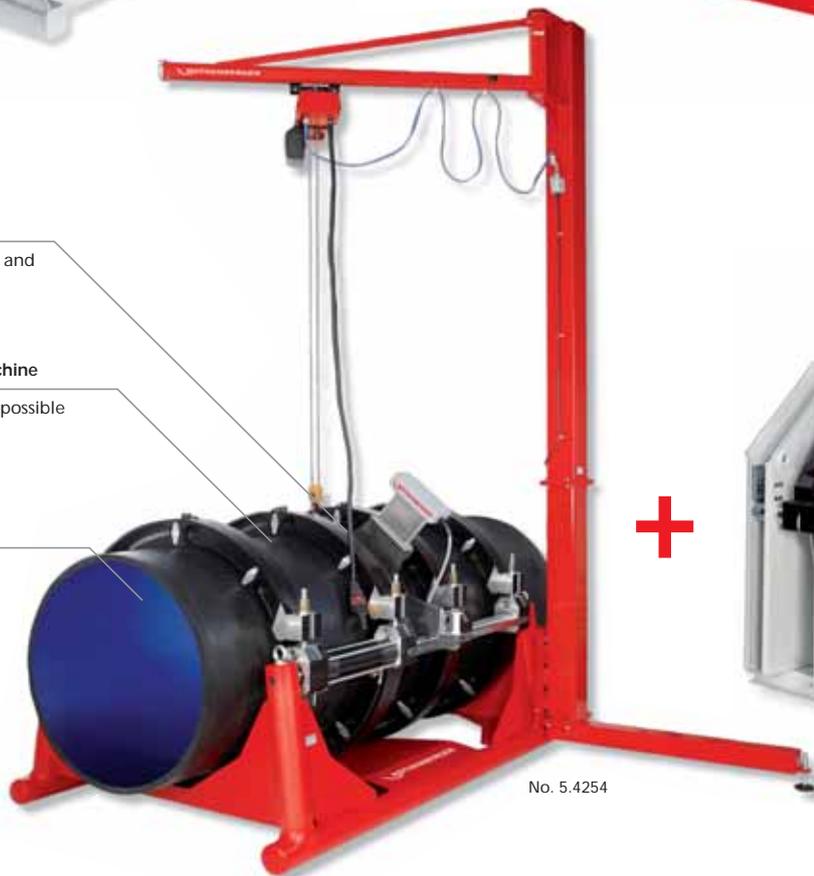
Trimmer unit: 3000 W, 400 V 50 / 60 Hz
Hydraulic unit: 1500 W, (0 - 120 bar)
 400 V, 50 / 60 Hz
Heating plate: 16000 W, 400 V 50 / 60 Hz
Weight: 1906 kg



Adjustable 3. main clamps
 Joining of elbows, T-pieces and V-type fittings possible

Light and sturdy basic machine
 Welding of pipes in shafts possible

Compact design
 For use directly in trench



Overview ROWELD® Workshop Machine

ROWELD® P 315 W / P 315 W CNC

Butt welding machine Ø 90 - 315 mm



APPLICATION AREA
For butt welding of PE, PP and PVDF pipes and fittings from Ø 90 - 315 mm.
High-performance butt welding machine for single and serial production in the workshop.
Universal machine for pipe/pipe, pipe/fitting, pre-sealing strip welding.
Perfect for the prefabrication of pipe elbow segments and T-pieces.

TECHNICAL DATA	
Electrical Hydraulic unit	400 W
	230 V / 400 V 50 / 60 Hz
Electrical Trimmer unit:	700 W
Heating plate:	3000 W, 400 V 50 / 60 Hz
Weight:	P 315 W complete: 523 kg
	P 315 W Basic: 385 kg
	P 315 W CNC complete: 523 kg
	P 315 W CNC Basic: 385 kg

Machine base is warp-resistant and sturdy with hardened, dual linear ball track precision, axial centering of the pipe on both sides with the ability of the main clamps

Secure, warp-resistant welding pressure transfer

Hydraulic unit for uninterrupted use with increased pressure consistency, no pressure loss during welding

Precise control of the welding pressure



No. 5.5320

Electronically controlled heating plate with high-quality non-stick Teflon coating

Heating plate is built to last and manufactured according to DVS, CEN and ISO regulations

Clearly organised regulating and control elements

Safe and simple use

7

ROWELD® P 500 W / P 630 W

Plastic pipe welding machine Ø 250 - 630 mm



APPLICATION AREA
For plastic pipe welding of PE and PP pipes
P 500 W: Ø 250 - 500 mm
P 630 W: Ø 315 - 630 mm
all pressure levels and SDR series

TECHNICAL DATA	
Electrical Hydraulic unit:	2250 W
	400 V, 50/60 Hz
Electrical Trimmer unit:	1100 W / 400 V, 50/60 Hz
Heating plate:	8000 W / 400 V, 50/60 Hz

Machine base is warp-resistant and sturdy with hardened, dual linear ball track precision, axial centering of the pipe on both sides with the ability of the main clamps

Secure, warp-resistant welding pressure transfer

Hydraulic unit for uninterrupted use with increased pressure consistency, no pressure loss during welding

Precise control of the welding pressure



No. 5.5425

Electronically controlled heating plate with high-quality non-stick Teflon coating hydraulically adjustable

Heating plate is built to last and manufactured according to DVS, CEN and ISO regulations

Clearly organised regulating and control elements

Safe and simple use

Overview Plastic Pipe Band Saws

BS 355 PLUS

Plastic pipe band saw up to Ø 355 mm



Product Profile

APPLICATION AREA

For precise and perfectly angled sawing of PE, PB, PP, PVDF, PVC pipes, fittings and profiles
 Particularly sturdy band saw for the workshop, for sawing of pipes, fittings and profiles
 Perfect, continuous operation for the single and serial production of elbows and T-pieces

Sawing range: Round material 0 - 45° / Ø 0 - 355 mm
 Square material 0° / 350 x 350 mm

TECHNICAL DATA

Power: 750 W
Dimensions: 2150 x 2000 x 1650 mm (L x W x H)
Weight: 500 kg

Precise angled sawing



No. 5.5601

BS 630 PLUS

Plastic pipe band saw up to Ø 630 mm



Product Profile

APPLICATION AREA

For precise and perfectly angled sawing of PE, PB, PP, PVDF, PVC pipes, fittings and profiles.
 Particularly sturdy band saw for the workshop, for sawing of pipes, fittings and profiles.
 Perfect, continuous operation for the single and serial production of elbows and T-pieces

Sawing range: Round material 0 - 45° / Ø 0 - 630 mm
 Square material 0° / 630 x 630 mm

TECHNICAL DATA

Power: 1500 W
Dimensions: 2500 x 2660 x 1950 mm (L x W x H)
Weight: 850 kg

Serial production



No. 5.5605



Electro-Fusion Welding Unit

ROWELD® ROFUSE

Universal electro-fusion welding unit Ø 630 mm



APPLICATION AREA
For PE- and PP fittings from < 48 V, Ø > 630 mm

KEY FEATURES

- 1 Data input with the barcode scanner, with ROWELD® ROFUSE, ROFUSE+ and ROWELD® ROFUSE Print+ manual data input is additionally possible
- 2 Simple data transfer via USB port with Print+
- 3 Welding monitoring system

ROWELD® ROFUSE / ROFUSE+

- Display 4 x 20, characters with 5 mm font size and LED illumination

TECHNICAL DATA

Input voltage: 230 V
Tolerance: 186 V - 290 V
Frequency: 40 Hz - 70 Hz
Output voltage: 8 V - 48 V
Protection rating: IP 54
Temperature range: -20 °C up to + 60 °C
Weight: 16,5 kg
Dimensions: 230 x 295 x 330 mm
Barcode scanner: Yes
Logging: **ROFUSE/ROFUSE+:** No
ROFUSE Print+: 1800 production log
ROFUSE 48 V basic: 200 production log

4 x 20 characters with 9 mm font size and LED

User friendly

2 Via USB port

Simple data transfer

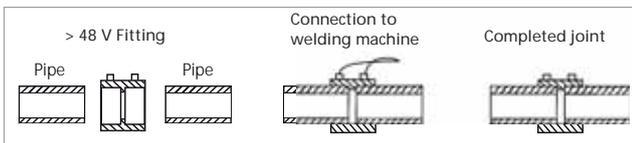
3 Welding monitoring system



ROWELD® ROFUSE Print+:

- Automatic logging for 1800 welds
- Tracing form: Commission No., ISO welder code, pipe code, 2 fittings code and additional data
- Data output over the print menu via USB port to PC and printer
- Display 4 x 20 characters with 9 mm font size and LED illumination

1 Barcode scanner
Data input

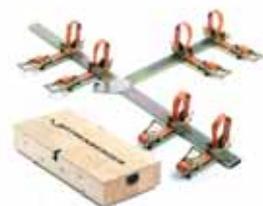


Model	kg	No.
ROWELD® ROFUSE basic 48 V	16.0	5.4130
ROWELD® ROFUSE	16.5	5.4051
ROWELD® ROFUSE+	16.5	5.4052
ROWELD® ROFUSE Print+	16.5	5.4053 K/L/M
ROWELD® ROFUSE Print+ PC-Software for WIN 9X/2000/XP/Vista	0.4	5.4056

ACCESSORIES

ROWELD® ROFUSE Print+ PC-Software for WIN 9X/2000/XP/Vista	0.4	5.4056
Adaptor set FF round 4.0	0.1	5.4058
Adaptor set Pin	0.1	5.4059
ROWELD® ROFUSE Print+ DATA Memory	0.3	5.4067
Adaptor set FF flat	0.1	5.4057
Aluminium transport case	3.1	5.4054

Pipe and Fitting Holding Clamp



Light, universal holding clamp for straight sockets, T-pieces and 45° sockets, with the basic prism continuously adjustable, double strap clamping on each side

Model	Model	No.
Size 1	Ø 20 - 90 mm	5.3291
Size 2	Ø 40 - 180 mm	5.3292
Size 3	Ø 63 - 250 mm	5.3293

Muffler for Electric Socket Welding

For secure, quick preparation of the pipe, in transport case



No. 5.3240

Model	Version	No.
Size I	DA 32 - DA 110	5.3240
Size II	DA 110 - DA 500	5.3250

ROWELD® Service, Customer Service, Rental Units and Training

Service, Maintenance and Repair

ROTHENBERGER offers with the ROWELD® Program, a plastic welding technology program of the highest quality. With our "After Sales Service" we offer you an optimum program to help you maintain the quality, availability and safety of our products. With the expansion of our service network, we are able to guarantee you fast, reliable and efficient machine maintenance and/or repair.

Training

- We offer welding courses at our training centre as well as on-site at your convenience.
- Service seminars are presented at our service centre in Hessisch-Lichtenau.

Rental Machines

to supplement your welding machine range and to fulfil your needs and requirements, we offer a rental service with:

- Butt welding machines up to Ø 630 mm for the building site
- Butt welding machines up to Ø 315 mm for the workshop

An overview of the rental program and rental conditions are available on request!

Spare Part Service

Our spare part service is available for all ROTHENBERGER ROWELD® machines.

We make every effort to send you your spare part within 24 hours with our express service. (APPLICABLE TO THE EU ONLY).

Please send your spare part request with the following information:

- Machine model
- Serial No.
- Year of production
- Description of spare part
- Spare part No.

to our spare part fax No. +49 (0) 5602 9394 - 636



ROWELD® P 800 B with electronic life-out device

Order our ROWELD® special catalogue 2009/2010

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