



PLASTIC PIPE WELDING TECHNOLOGY



GB

ROWELD[®]
S SERIES

ROWELD®
S SERIES

**Innovation, Quality and Services:
Welcome to the World of ROTHENBERGER**

Pipelines conveying energy and water are the world's lifelines. Just like the veins in the human body, they guarantee that warmth, fuels and lifebringing fluids reach their recipients – an important contribution to the overall quality of human life.

For more than 60 years now, ROTHENBERGER has been supporting all those whose daily work helps not only to ensure that these lifelines reach more and more people, but also to maintain them in an excellent condition: by supplying innovative and reliable highest quality pipetools and machinery that can be found in the hands of excellent skilled craftsmen and on construction sites all around the globe.



PLASTIC PIPE WELDING TECHNOLOGY

SERIES

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INNOVATION

QUALITY

SERVICES



ROWELD® type Premium CNC

Hydraulic butt-welding machine Ø 90 - 1200 mm. The Premium CNC System enables a nearly fully automated operation. All parameters are documented automatically.

The ROWELD® Hydraulic Premium CNC with integrated CNC control and touch screen panel for the quick and reliable saving of the welding parameters in accordance with DVS and other applicable international guidelines and standards. Data transfer via USB interface.

Working range:

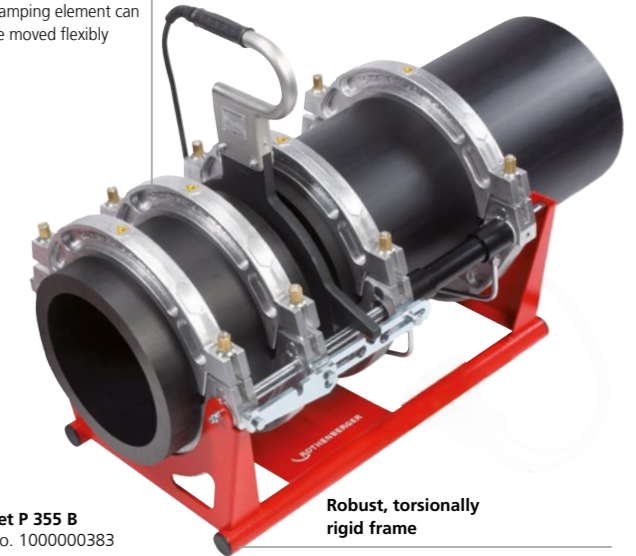
Description	Ø mm	Ø Inch
P 250 B SA / P 8 B SA	90 - 250 mm	5 - 8"
P 250 B VA / P 8 B VA	90 - 250 mm	5 - 8"
P 355 B SA / P 12 B SA	90 - 355 mm	5 - 12"
P 500 B SA / P 18 B SA	200 - 500 mm	8 - 18"
P 630 B SA / P 24 B SA	315 - 630 mm	12 - 24"
P 1200 B SA / P 48 B SA	710 - 1200 mm	28 - 48"

Technical Data:

- Automatic logging:** 10.000 logs
- Data output:** USB interface
- Languages:** DE, EN, FR, ES, NL, PT, DK, SE, NO, FI, PL, TR, HU, SL, SK, RU, BG, further languages available upon request
- Welding monitoring:** Optically with colour indication for welding pressure, welding temperature, welding times, as well as acoustical and optical for user actions in accordance to DVS
- Logging:** DVS, further standards available upon request, manual entry of welding parameters is possible
- Welding standards:** DVS, further standards available upon request, manual entry of welding parameters is possible
- With CNC Funktion:** During the welding process, all movements are performed by the machine, including dragging resistance and bead development measurement. Automatic extending heading element enables a fully-automatic welding process (optional, not available for all machines)

Flexible

The 3rd basic clamping element can be moved flexibly



Set P 355 B
No. 100000383

Robust, torsionally rigid frame

Allows reliable weldings in virtually any environment

Simple operation

Ideally matched components allow precise start-up of the pressure



Safe

Perfect parking for trimmer and heating plate



PLASTIC PIPE WELDING TECHNOLOGY

ROWELD®
S SERIES

Innovative and reliable highest quality pipetools and machinery can be found in the hands of excellent skilled craftsmen and on construction sites all around the globe.

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 CNC*

Machines Ø 90 - 1200 mm

Description	Ø Basic unit	Working range	Voltage	Frequency	Power	kg	No.	Basic unit		Hydraulic		Trimmer		Heating plate				
								kg	No.	kg	Power	No.	kg	Power	No.	kg	Power	No.
ROWELD® P 250 B SA Premium CNC Basic Set	250 mm	90 - 250 mm	230 V	50 Hz	3.2 kW	125.9	100000560	62.7	120000626	33.5	880 W	53769	15.0	750 W	120000802	5.5	1500 W	53725
	250 mm	90 - 250 mm	230 V	60 Hz	3.2 kW	125.9	100000884	62.7	120000626	33.5	880 W	120000952	15.0	750 W	120000802	5.5	1500 W	53725
ROWELD® P 250 B VA Premium CNC Basic Set	250 mm	90 - 250 mm	230 V	50 Hz	3.2 kW	132.9	100000561	62.7	120000629	33.5	880 W	53769	15.0	750 W	120000802	5.5	1500 W	53695
	250 mm	90 - 250 mm	230 V	60 Hz	3.2 kW	132.9	100000885	62.7	120000629	33.5	880 W	120000952	15.0	750 W	120000802	5.5	1500 W	53695
ROWELD® P 355 B SA Premium CNC Basic Set	355 mm	90 - 355 mm	230 V	50 Hz	4.2 kW	131.8	100000563	56.4	120000650	33.5	880 W	53769	22.2	750 W	1200001045	9.1	2500 W	120000324
	355 mm	90 - 355 mm	230 V	60 Hz	4.2 kW	131.8	100000886	56.4	120000650	33.5	880 W	120000952	22.2	750 W	1200001045	9.1	2500 W	120000324
ROWELD® P 500 B SA Premium CNC Basic Set	500 mm	200 - 500 mm	400 V	50/60 Hz	7.2 kW	389.0	100000565	195.0	120000651	38.0	1950 W	54796	68.0	1210 W	53405	32.0	4000 W	53408
ROWELD® P 630 B SA Premium CNC Basic Set	630 mm	315 - 630 mm	400 V	50/60 Hz	11.2 kW	526.0	100000567	245.0	120000652	38.0	1950 W	54796	123.0	1770 W	53310	49.0	8000 W	53409
ROWELD® P 1200 B SA Premium CNC complete	1200 mm	710 - 1200 mm	400 V	50/60 Hz	28.2 kW	3758.0	1000001845	1072.0	54270	41.5	1500 W	54277	377.0	3000 W	54264	119.0	22000 W	54265

Machines Ø 5" - 24"

Description	Ø Basic unit	Working range	Voltage	Frequency	Power	kg	No.	Basic unit		Hydraulic		Trimmer		Heating plate				
								kg	No.	kg	Power	No.	kg	Power	No.	kg	Power	No.
ROWELD® P 8 B SA Premium CNC Basic Set	8"	5" - 8"	230 V	50 Hz	3.2 kW	129.6	100000887	66.4	120000953	33.5	880 W	53769	15.0	750 W	120000802	5.5	1500 W	53725
	8"	5" - 8"	230 V	60 Hz	3.2 kW	129.6	100000888	66.4	120000953	33.5	880 W	120000952	15.0	750 W	120000802	5.5	1500 W	53725
ROWELD® P 8 B VA Premium CNC Basic Set	8"	5" - 8"	230 V	50 Hz	3.2 kW	136.6	100000889	66.4	120000954	33.5	880 W	53769	15.0	750 W	120000802	5.5	1500 W	53730
	8"	5" - 8"	230 V	60 Hz	3.2 kW	136.6	100000890	66.4	120000954	33.5	880 W	120000952	15.0	750 W	120000802	5.5	1500 W	53730
ROWELD® P 12 B SA Premium CNC Basic Set	12"	5" - 12"	230 V	50 Hz	4.2 kW	140.8	100000891	66.9	120000955	33.5	880 W	53769	22.2	750 W	1200001045	9.1	2500 W	120000324
	12"	5" - 12"	230 V	60 Hz	4.2 kW	140.8	100000893	66.9	120000955	33.5	880 W	120000952	22.2	750 W	1200001045	9.1	2500 W	120000324
ROWELD® P 18 B SA Premium CNC Basic Set	18"	8" - 18"	400 V	50/60 Hz	7.2 kW	402.0	100000894	209.5	120000958	38.0	1950 W	54796	68.0	1210 W	53405	32.0	4000 W	53408
ROWELD® P 24 B SA Premium CNC Basic Set	24"	12" - 24"	400 V	50/60 Hz	11.2 kW	543.0	100000895	263.5	120000960	38.0	1950 W	54796	123.0	1770 W	53310	49.0	8000 W	53409

SA = semi-automatic VA = fully automated

* 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® Reducer clamp inserts

Narrow basic clamp elements on request

Description	Ø	kg	No.
Set 250	90 - 225 mm	57.6	55241
Set 355	160 - 315 mm	105.6	100000385
Set 315	90 - 140 mm	25.0	100000550
(Supplement with 1000000385)			
Set 500	200 - 450 mm	276.0	55234
Set 630	315 - 560 mm	239.6	55232

Description	Ø	kg	No.
Set 8"	3" - 7"	39.4	100000938
Set 12"	5" - 10"	35.6	100000651
Set 18"	8" - 16"	171.4	100000939
Set 24"	12" - 22"	207.7	100000940

ROWELD® Lift-out devices

Description	Voltage	kg	No.
For P 500 B / P 18 B	400 V	123.0	53410
For P 630 B / P 24 B	400 V	163.0	53323

ROWELD® Pipe roller, galvanized

Description	Ø mm	Payload	kg	No.
Size 1	up to 315 mm	up to 300 kg	4.0	53055
Size 2	up to 500 mm	up to 500 kg	11.5	53056
Size 3	up to 710 mm	up to 1000 kg	29.0	53057
Size 4	up to 1200 mm	up to 1000 kg	35.0	53058

Size 1 - 3: roller is at a fixed elevation

Size 4: roller height can be adjusted hydraulically

Spare blade for ROWELD® Trimmer

Description	Ø mm	kg	No.
For trimmer P 250 B / P 8 B 250 mm / 8"	0,10	55163	
For trimmer P 355 B / P 12 B 355 mm / 12"	0,30	55446	
For trimmer P 500 B / P 18 B 500 mm / 18"	0,40	55233	
For trimmer P 630 B / P 24 B 630 mm / 24"	0,50	53322	

VPE 1 = 2 pieces

Timer LCD

Description	kg	No.
Timer	0,09	L20315



ROWELD® Flange Adapter

For centred welding of flanges



Description	Ø	kg	No.
For P 250 B	250 mm	8.6	55166
For P 355 B	315 mm	9.9	55447
For P 500 B	500 mm	23.3	55236
For P 630 B	630 mm	31.4	53321

ROWELD® reducer clamp inserts

90 - 450 mm / 3" - 18":

The set consists respectively of 6 wide aluminium half shells (pipe / pipe) and 2 angled aluminium half shells (pipe / fitting)

500 - 630 mm / 22":

The set consists respectively of 8 wide aluminium half shells (pipe / pipe)



P 250 B

Ø mm	kg	No.	Ø mm	kg	No.
90	7.6	53039	90	7.6	53039*
110	7.9	53040	110	7.9	53040*
125	7.9	53041	125	7.9	53041*
140	7.8	53042	140	7.8	53042*
160	7.7	53043	160	7.7	53043*
180	7.6	53044	180	7.6	53044*
200	6.7	53045	200	6.7	53045*
225	4.4	53046	225	4.4	53046*

P 355 B

Ø mm	kg	No.	Ø mm	kg	No.
250	13.9	100000904	250	13.9	100000904
280	11.4	100000388	280	11.4	100000388
315	8.4	100000905	315	8.4	100000905
Adapter 355/250	14.3	100000387	Adapter 355/250	14.3	100000387

P 500 B

Ø mm	kg	No.	Ø mm	kg	No.
200	40.0	100000896	315	36.1	100000900*
225	39.1	100000897	355	31.7	100000901*
250	38.6	100000898	400	25.2	100000902*
280	97.7	100000899	450	26.6	100000903*
315	36.1	100000900	500	38.8	53316
355	31.7	100000901	560	42.4	53315
400	25.2	100000902	Adapter 630/500	38.8	53316
450	26.6	100000903			

P 630 B

Ø mm	kg	No.	Ø mm	kg	No.
315	36.1	100000900*	315	36.1	100000900*
355	31.7	100000901*	355	31.7	100000901*
400	25.2	100000902*	400	25.2	100000902*
450	26.6	100000903*	450	26.6	100000903*
500	38.8	53316	500	38.8	53316
560	42.4	53315	560	42.4	53315
Adapter 630/500	38.8	53316	Adapter 630/500	38.8	53316

P 8 B

Ø Inch	kg	No.	Ø Inch	kg	No.
3	8.6	100000911	5	8.1	100000913
4	8.6	100000912	6	6.7	100000914
5	8.1	100000913	7	7.5	100000915
6	6.7	100000914	8	5.2	100000919
7	7.5	100000915	10	8.2	100000920

P 12 B

Ø Inch	kg	No.	Ø Inch	kg	No.
5	8.1	100000913	5	8.1	100000913
6	6.7	100000914	6	6.7	100000914
7	7.5	100000915	7	7.5	100000915
8	5.2	100000919	8	5.2	100000919
10	8.2	100000920	10	8.2	100000920

P 18 B

Ø Inch	kg	No.	Ø Inch	kg	No.
8	40.9	100000921	12	31.8	100000923
10	38.4	100000922	14	31.7	100000924
12	31.8	100000923	16	28.6	100000925
14	31.7	100000924	18	26.6	100000930
16	28.6	100000925	20	35.7	100000931

P 24 B

Ø Inch	kg	No.	Ø Inch	kg	No.
12	31.8	100000923	12	31.8	100000923
14	31.7	100000924	14	31.7	100000924
16	28.6	100000925	16	28.6	100000925
18	26.6	100000930	18	26.6	100000930
20	35.7	100000931	20	35.7	100000931
22	52.3	100000932	22	52.3	100000932

* an adapter is needed

ROWELD® type Premium

Hydraulic butt welding machine Ø 90 - 1200 mm.
The Premium Hydraulic System guides the user step-by-step through the welding process.
All parameters are documented automatically.

The ROWELD® Hydraulic Premium with an integrated logging module for the quick and reliable saving of the welding parameters in accordance with DVS and other applicable international guidelines and standards. Data transfer via USB interface.

Working range:

Description	Ø mm	Ø Inch
P 250 B / P 8 B	90 - 250 mm	5 - 8"
P 355 B / P 12 B	90 - 355 mm	5 - 12"
P 500 B / P 18 B	200 - 500 mm	8 - 18"
P 630 B / P 24 B	315 - 630 mm	12 - 24"
P 800 B	500 - 800 mm	
P 1200 B / P 48 B	710 - 1200 mm	28 - 48"

Technical Data:

Automatic logging:	10.000 logs
Data output:	USB interface
Languages:	DE, EN, FR, ES, NL, PT, DK, SE, NO, FI, PL, TR, HU, SL, SK, RU, BG, further languages available upon request
Welding monitoring:	Optically with colour indication for welding pressure, welding temperature, welding times, as well as acoustical and optical for user actions
Logging:	in accordance to DVS
Welding standards:	DVS, further standards available upon request, manual entry of welding parameters is possible

Simple operation via touch control panel



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



Flexible

The 3rd basic clamping element can be moved flexibly

Set P 355 B
No. 100000383

Robust, torsionally rigid frame

Allows reliable weldings in virtually any environment

Simple operation

Ideally matched components allow precise start-up of the pressure



Safe

Perfect parking for trimmer and heating plate



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*

Machines Ø 90 - 800 mm

Description	Ø Basic unit	Working range	Voltage	Frequency	Power	kg	No.	Basic unit		Hydraulic		Trimmer		Heating plate				
								kg	No.	kg	Power	No.	kg	Power	No.	kg	Power	No.
ROWELD® P 250 B Premium Basic Set	250 mm	90 - 250 mm	230 V	50 Hz	3.2 kW	125.9	100000559	62.7	1200001029	33.5	880 W	55073	15.0	750 W	1200000802	5.5	1500 W	53725
	250 mm	90 - 250 mm	230 V	60 Hz	3.2 kW	125.9	100000873	62.7	1200001029	33.5	880 W	1200000951	15.0	750 W	1200000802	5.5	1500 W	53725
ROWELD® P 355 B Premium Basic Set	355 mm	90 - 355 mm	230 V	50 Hz	4.2 kW	131.8	100000562	56.4	1200000322	33.5	880 W	55073	22.2	750 W	1200001045	9.1	2500 W	1200000324
	355 mm	90 - 355 mm	230 V	60 Hz	4.2 kW	131.8	100000874	56.4	1200000322	33.5	880 W	1200000951	22.2	750 W	1200001045	9.1	2500 W	1200000324
ROWELD® P 500 B Premium Basic Set	500 mm	200 - 500 mm	400 V	50/60 Hz	7.2 kW	389.0	100000564	195.0	53401	38.0	1950 W	53294	68.0	1210 W	53405	32.0	4000 W	53408
ROWELD® P 630 B Premium Basic Set	630 mm	315 - 630 mm	400 V	50/60 Hz	11.2 kW	526.0	100000566	245.0	53305	38.0	1950 W	53294	123.0	1770 W	53310	49.0	8000 W	53409
ROWELD® P 800 B Premium Basic Set	800 mm	500 - 800 mm	400 V	50/60 Hz	19.0 kW	2168.0	1000001866		on request		on request			on request			on request	

Machines Ø 5" - 24"

Description	Ø Basic unit	Working range	Voltage	Frequency	Power	kg	No.	Basic unit		Hydraulic		Trimmer		Heating plate				
								kg	No.	kg	Power	No.	kg	Power	No.	kg	Power	No.
ROWELD® P 8 B Premium Basic Set	8"	5 - 8"	230 V	50 Hz	3.2 kW	128.1	100000878	64.9	1200000964	33.5	880 W	55073	15.0	750 W	1200000802	5.5	1500 W	53725
	8"	5 - 8"	230 V	60 Hz	3.2 kW	128.1	100000879	64.9	1200000964	33.5	880 W	1200000951	15.0	750 W	1200000802	5.5	1500 W	53725
ROWELD® P 12 B Premium Basic Set	12"	5 - 12"	230 V	50 Hz	4.2 kW	140.8	100000880	65.4	1200000965	33.5	880 W	55073	22.2	750 W	1200001045	9.1	2500 W	1200000324
	12"	5 - 12"	230 V	60 Hz	4.2 kW	140.8	100000881	65.4	1200000965	33.5	880 W	1200000951	22.2	750 W	1200001045	9.1	2500 W	1200000324
ROWELD® P 18 B Premium Basic Set	18"	8 - 18"	400 V	50/60 Hz	7.2 kW	402.0	100000882	208.0	1200000966	38.0	1950 W	53294	68.0	1210 W	53405	32.0	4000 W	53408
ROWELD® P 24 B Premium Basic Set	24"	12 - 24"	400 V	50/60 Hz	11.2 kW	543.0	100000883	262.0	1200000967	38.0	1950 W	53294	123.0	1770 W	53310	49.0	8000 W	53409

* 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® Reducer clamp inserts

Narrow basic clamp elements on request

Description	Ø	kg	No.
Set 250	90 - 225 mm	57.6	55241
Set 355	160 - 315 mm	105.6	100000385
Set 315	90 - 140 mm	25.0	1000000550
(Supplement with 1000000385)			
Set 500	200 - 450 mm	276.0	55234
Set 630	315 - 560 mm	239.6	55232

Description	Ø	kg	No.
Set 8"	3" - 7"	39.4	1000000938
Set 12"	5" - 10"	35.6	1000000651
Set 18"	8" - 16"	171.4	1000000939
Set 24"	12" - 22"	207.7	1000000940

ROWELD® Lift-out devices

Description	Voltage	kg	No.
For P 500 B / P 18 B	400 V	123.0	53410
For P 630 B / P 24 B	400 V	163.0	53323

ROWELD® Pipe roller, galvanized

Description	Ø mm	Payload	kg	No.
Size 1	up to 315 mm	up to 300 kg	4.0	53055
Size 2	up to 500 mm	up to 500 kg	11.5	53056
Size 3	up to 710 mm	up to 1000 kg	29.0	53057
Size 4	up to 1200 mm	up to 1000 kg	35.0	53058

Size 1 - 3: roller height can be adjusted hydraulically

Size 4: roller is at a fixed elevation

Spare blade for ROWELD® Trimmer

Description	Ø mm	kg	No.
For trimmer P 250 B / P 8 B 250 mm / 8"	0.10	55163	
For trimmer P 355 B / P 12 B 355 mm / 12"	0.30	55446	
For trimmer P 500 B / P 18 B 500 mm / 18"	0.40	55233	
For trimmer P 630 B / P 24 B 630 mm / 24"	0.50	53322	

VPE 1 = 2 pieces

Timer LCD

Description	kg	No.
Timer	0.09	L20315



ROWELD® Flange Adapter

For centred welding of flanges



Description	Ø	kg	No.
For P 250 B	250 mm	8.6	55166
For P 355 B	315 mm	9.9	55447
For P 500 B	500 mm	23.3	55236
For P 630 B	630 mm	31.4	53321

ROWELD® reducer clamp inserts

90 - 450 mm / 3" - 18":

The set consists respectively of 6 wide aluminium half shells (pipe / pipe) and 2 angled aluminium half shells (pipe / fitting)

500 - 630 mm / 22":

The set consists respectively of 8 wide aluminium half shells (pipe / pipe)



P 250 B

Ø mm	kg	No.	Ø mm	kg	No.
90	7.6	53039	90	7.6	53039*
110	7.9	53040	110	7.9	53040*
125	7.9	53041	125	7.9	53041*
140	7.8	53042	140	7.8	53042*
160	7.7	53043	160	7.7	53043*
180	7.6	53044	180	7.6	53044*
200	6.7	53045	200	6.7	53045*
225	4.4	53046	225	4.4	53046*

P 355 B

Ø mm	kg	No.	Ø mm	kg	No.
250	13.9	100000904	250	13.9	100000904
280	11.4	100000388	280	11.4	100000388
315	8.4	100000905	315	8.4	100000905
Adapter 355/250	143	100000387	Adapter 355/250	143	100000387

P 500 B

Ø mm	kg	No.	Ø mm	kg	No.
200	40.0	100000896	315	36.1	100000900*
225	39.1	100000897	355	31.7	100000901*
250	38.6	100000898	400	25.2	100000902*
280	97.7	100000899	450	26.6	100000903*
315	36.1	100000900	500	38.8	53316
355	31.7	100000901	560	42.4	53315
400	25.2	100000902	Adapter 630/500	38.8	53316
450	26.6	100000903			

P 630 B

Ø mm	kg	No.	Ø mm	kg	No.
200	40.0	100000896	315	36.1	100000900*
225	39.1	100000897	355	31.7	100000901*
250	38.6	100000898	400	25.2	100000902*
280	97.7	100000899	450	26.6	100000903*
315	36.1	100000900	500	38.8	53316
355	31.7	100000901	560	42.4	53315
400	25.2	100000902	Adapter 630/500	38.8	53316
450	26.6	100000903			

P 8 B

Ø Inch	kg	No.	Ø Inch	kg	No.
3	8.6	100000911	5	8.1	100000913
4	8.6	100000912	6	6.7	100000914
5	8.1	100000913	7	7.5	100000915
6	6.7	100000914	8	5.2	100000919
7	7.5	100000915	10	8.2	100000920

P 12 B

Ø Inch	kg	No.	Ø Inch	kg	No.
3	8.6	100000911	5	8.1	100000913
4	8.6	100000912	6	6.7	100000914
5	8.1	100000913	7	7.5	100000915
6	6.7	100000914	8	5.2	100000919
7	7.5	100000915	10	8.2	100000920

P 18 B

Ø Inch	kg	No.	Ø Inch	kg	No.
8	40.9	100000921	12	31.8	100000923
10	38.4	100000922	14	31.7	100000924
12	31.8	100000923	16	28.6	100000925
14	31.7	100000924	18	26.6	100000930
16	28.6	100000925	20	35.7	100000931
			22	52.3	100000932

P 24 B

Ø Inch	kg	No.	Ø Inch	kg	No.
8	40.9	100000921	12	31.8	100000923
10	38.4	100000922	14	31.7	100000924
12	31.8	100000923	16	28.6	100000925
14	31.7	100000924	18	26.6	100000930
16	28.6	100000925	20	35.7	100000931
			22	52.3	100000932

* an adapter is needed

ROWELD® type Professional

Hydraulic butt welding machine Ø 40 - 1200 mm.
Selection of components with a long service life ensures a low maintenance, robust and reliable operating mode.

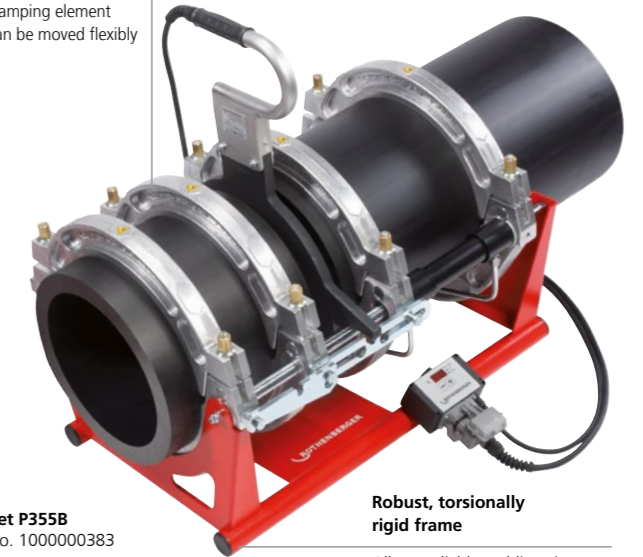
For heating element butt welding of PE, PP and PVDF pipes and moulded bodies. For use on the building site, in pipe trenches, on pipe bridges and in workshops. The ROWELD® Hydraulic type Professional with infinite pressure adjustment, an easily legible manometer and pressure reservoir for welding according to DVS and other internationally valid guidelines and standards.

Working range:

Description	Ø mm	Ø Inch
P 160 B / P 5 B	40 - 160 mm	1.1/4" - 5"
P 200 B	63 - 200 mm	
P 250 B / P 8 B	90 - 250 mm	5 - 8"
P 355 B / P 12 B	90 - 355 mm	5 - 12"
P 500 B / P 18 B	200 - 500 mm	8 - 18"
P 630 B / P 24 B	315 - 630 mm	12 - 24"
P 800 B	500 - 800 mm	
P 1200 B / P 48 B	710 - 1200 mm	28 - 48"

Flexible

The 3rd basic clamping element can be moved flexibly



Set P355B
No. 100000383

Robust, torsionally rigid frame

Allows reliable weldings in virtually any environment

Simple operation

Ideally matched components allow precise start-up of the pressure



Safe

Perfect parking for trimmer and heating plate



Supply of power for heating element and trimmer unit over Professional Hydraulic (P 160 B - P 355 B / P 5 B - P 12 B)



Electronic control for heating element can be placed flexibly using a magnet (P 355 B)



Professional Hydraulic with large, easily legible manometer as well as a pressure limiting and pressure relieving valve



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



ROWELD® plastic pipe welding machines type Professional

Machines 40 - 1200 mm / machines 1.1/4" - 48"

Description	Ø Basic unit	Working range	Voltage	Frequency	Power	kg	No.	Basic unit		Hydraulic		Trimmer		Heating plate				
								kg	No.	kg	Power	No.	kg	Power	No.	kg	Power	No.
ROWELD® P 160 B Professional Basic Set	160 mm	40 - 160 mm	230 V	50 Hz	2.1 kW	76.6	1000000997	31.8	1200001027	31.8	580 W	55115	7.9	630 W	1200001043	3.3	800 W	55346H
	160 mm	40 - 160 mm	230 V	60 Hz	2.1 kW	76.3	1000000823	31.8	1200001027	27.6	580 W	1200000905	7.9	630 W	1200001043	3.3	800 W	55346H
ROWELD® P 200 B Professional Basic Set	200 mm	63 - 200 mm	230 V	50 Hz	2.3 kW	64.8	55391	25.2	55392	28.0	580 W	55115	7.0	630 W	55395	3.6	1000 W	55396
	200 mm	63 - 200 mm	230 V	60 Hz	2.3 kW	64.4	1000000863	25.2	55392	27.6	580 W	1200000905	7.0	630 W	55395	3.6	1000 W	55396
ROWELD® P 250 B Professional Basic Set	250 mm	90 - 250 mm	230 V	50 Hz	2.9 kW	120.4	1000001080	62.7	1200001029	28.0	580 W	55115	15.0	750 W	1200000802	5.5	1500 W	55180
	250 mm	90 - 250 mm	230 V	60 Hz	2.9 kW	120.0	1000000864	62.7	1200001029	27.6	580 W	1200000905	15.0	750 W	1200000802	5.5	1500 W	55180
ROWELD® P 355 B Professional Basic Set	355 mm	90 - 355 mm	230 V	50 Hz	3.9 kW	126.3	1000000383	56.4	1200000322	28.0	580 W	55115	22.2	750 W	1200001045	9.1	2500 W	1200000324
	355 mm	90 - 355 mm	230 V	60 Hz	3.9 kW	125.9	1000000824	56.4	1200000322	27.6	580 W	1200000905	22.2	750 W	1200001045	9.1	2500 W	1200000324
ROWELD® P 500 B Professional Basic Set	500 mm	200 - 500 mm	230 V	50 Hz	7.8 kW	241.4	53425	195.0	53401	28.0	1290 W	53309	68.0	1500 W	53404	32.0	4000 W	53403
	500 mm	200 - 500 mm	230 V	60 Hz	7.7 kW	240.0	1000000820	195.0	53401	27.6	1290 W	1200000906	68.0	1500 W	1200000786	32.0	4000 W	53403
	500 mm	200 - 500 mm	400 V	50 Hz	6.5 kW	377.0	53415	195.0	53401	29.0	1290 W	53309	65.0	1210 W	53405	32.0	4000 W	53406
	500 mm	200 - 500 mm	400 V	60 Hz	6.4 kW	375.0	1000000825	195.0	53401	27.0	1200 W	1200000906	65.0	1210 W	53405	32.0	4000 W	53406
ROWELD® P 630 B Professional Basic Set	630 mm	315 - 630 mm	400 V	50 Hz	11.1 kW	527.0	53355	245.0	53305	29.0	1290 W	53309	123.0	1770 W	53310	59.0	8000 W	53311
	630 mm	315 - 630 mm	400 V	60 Hz	11.0 kW	525.0	1000000865	245.0	53305	27.0	1200 W	1200000906	123.0	1770 W	53310	59.0	8000 W	53311
ROWELD® P 630 B Plus Professional Basic Set	630 mm	315 - 630 mm	400 V	50 Hz	11.1 kW	532.5	1000000637	250.5	1200000714	29.0	1290 W	53309	123.0	1770 W	53310	59.0	8000 W	53311
	630 mm	315 - 630 mm	400 V	60 Hz	11.0 kW	530.5	1000000819	250.5	1200000714	27.0	1200 W	1200000906	123.0	1770 W	53310	59.0	8000 W	53311
ROWELD® P 800 B Professional Basic Set	800 mm	500 - 800 mm	400 V	50/60 Hz	18.6 kW	747.0	54190	475.0	54191	41.0	2260 W	54177	178.0	4300 W	54192	52.0	12000 W	54193
ROWELD® P 1200 B Professional Basic Set	1200 mm	710 - 1200 mm	400 V	50/60 Hz	22.6 kW	1210.0	54274	1210.0	54270	on request		357.5	4300 W	54264	118.0	16000 W	54265	
ROWELD® P 5 B Professional Basic Set	5"	1.1/4 - 5"	230 V	50 Hz	1.9 kW	77.5	1000000866	32.6	1200000963	28.0	580 W	55115	7.9	630 W	1200001043	3.3	800 W	55346H
	5"	1.1/4 - 5"	230 V	60 Hz	1.9 kW	77.0	1000000867	32.6	1200000963	27.6	580 W	1200000905	7.9	630 W	1200001043	3.5	800 W	55346H
ROWELD® P 8 B Professional Basic Set	8"	5 - 8"	230 V	50 Hz	2.5 kW	122.6	1000000868	64.9	1200000964	28.0	580 W	55115	15.0	750 W	1200000802	5.5	1500 W	55180
	8"	5 - 8"	230 V	60 Hz	2.5 kW	122.2	1000000869	64.9	1200000964	27.6	580 W	1200000905	15.0	750 W	1200000802	5.5	1500 W	55180
ROWELD® P 12 B Professional Basic Set	12"	5 - 12"	230 V	50 Hz	3.5 kW	135.3	1000000650	65.4	1200000965	28.0	580 W	55115	22.2	750 W	1200001045	9.1	2500 W	1200000324
	12"	5 - 12"	230 V	60 Hz	3.5 kW	134.9	1000000821	65.4	1200000965	27.6	580 W	1200000905	22.2	750 W	1200001045	9.1	2500 W	1200000324
ROWELD® P 18 B Professional Basic Set	18"	8 - 18"	400 V	50 Hz	5.9 kW	251.4	1000000870	69.4	1200000966	29.0	1290 W	53309	65.0	1210 W	53405	32.0	4000 W	53406
	18"	8 - 18"	400 V	60 Hz	5.9 kW	249.4	1000000871	69.4	1200000966	27.0	1200 W	1200000906	65.0	1210 W	53405	32.0	4000 W	53406
ROWELD® P 24 B Professional Basic Set	24"	12 - 24"	400 V	50 Hz	10.2 kW	544.0	1000000872	262.0	1200000967	29.0	1290 W	53309	123.0	1770 W	53310	59.0	8000 W	53311
	24"	12 - 24"	400 V	60 Hz	10.2 kW	542.0	1000000822	262.0	1200000967	27.0	1200 W	1200000906	123.0	1770 W	53310	59.0	8000 W	53311
ROWELD® P 48 B Professional Basic Set	48"	22 - 48"	400 V	50/60 Hz	20.5 kW	121.0	1000000638	310.0	1200000716	on request		357.5	4300 W	54264	118.0	16000 W	54265	

ROWELD® Reducer clamp inserts

Narrow basic clamp elements on request

Description	Ø	kg	No.
Set 160	40 - 140 mm	17.5	55240
Set 200	63 - 180 mm	20.2	55237
Set 250	90 - 225 mm	57.6	55241
Set 355	90 - 180 mm	105.6	1000000385
Set 315	90 - 140 mm	25.0	1000000550
(Supplement with 1000000385)			
Set 500	200 - 450 mm	276.0	55234
Set 630	315 - 560 mm	239.6	55232
Set 800	500 - 710 mm	503.2	1000000935
Set 1200	710 - 1200 mm	1384.0	1000000936

Description	Ø	kg	No.
Set 5"	1,12" - 4"	11.6	1000000937
Set 8"	3" - 7"	39.4	1000000938
Set 12"	5" - 10"	35.6	1000000651
Set 18"	8" - 16"	171.4	1000000939
Set 24"	12" - 22"	207.7	1000000940
Set 48"	22" - 42"	1000000941	

ROWELD® Lift-out devices

Description	Voltage	kg	No.
For P 500 B / P 18 B	400 V	123.0	53410
For P 630 B / P 24 B	400 V	163.0	53323
For P 800 B	400 V	270.0	054176H
For P 1200 B / P 48 B	400 V	350.0	54253

ROWELD® Pipe roller, galvanized

Description	Ø mm	Payload	kg	No.
Size 1	up to 315 mm	up to 300 kg	4.0	53055
Size 2	up to 500 mm	up to 500 kg	11.5	53056
Size 3	up to 710 mm	up to 1000 kg	29.0	53057
Size 4	up to 1200 mm	up to 1000 kg	35.0	53058

Sizes 1 - 3: roller is at a fixed elevation

Size 4: roller height can be adjusted hydraulically

Spare blade for ROWELD® Trimmer

Description	Ø mm	kg	No.
For trimmer P 160 B / P 5 B	160 mm / 5"	0.06	55154
For trimmer P 200 B	200 mm	0.06	55154
For trimmer P 250 B / P 8 B	250 mm / 8"	0.10	55163
For trimmer P 355 B / P 12 B	355 mm / 12"	0.30	55446
For trimmer P 500 B / P 18 B	500 mm / 18"	0.40	55233
For trimmer P 630 B / P 24 B	630 mm / 24"	0.50	53322
For trimmer P 800 B	800 mm	1.00	1000000875
For trimmer P 1200 B / P 48 B	1200 mm / 48"	2.80	1000000876

VPE 1 = 2 pieces

Timer LCD

Description	kg	No.
Timer	0.09	L20315



ROWELD® Flange Adapter

For centred welding of flanges



Description	Ø	kg	No.
For P 160 B	160 mm	4.2	55299
For P 250 B	250 mm	8.6	55166
For P 355 B	315 mm	9.9	55447
For P 500 B	500 mm	23.3	55236
For P 630 B	630 mm	31.4	53321
For P 800 B	800 mm	110.0	54175
For P 1200 B	1200 mm	260.0	54275

ROWELD® reducer clamp inserts

40 - 450 mm / 1.1/4" - 18":

The set consists respectively of 6 wide aluminium half shells (pipe / pipe) and 2 angled aluminium half shells (pipe / fitting)

500 - 1000 mm / 22" - 42" and all adapters:

The set consists respectively of 8 wide aluminium half shells (pipe / pipe)

P 160 B

Ø mm	kg	No.
40	2.5	53030
50	2.4	53031
63	2.3	53033
75	2.2	53034
90	2.1	53035
110	2.2	53036
125	2.3	53037
140	1.5	53038

P 200 B

Ø mm	kg	No.
63	2.3	53033*
75	2.2	53034*
90	2.1	53035*
110	2.2	53036*
125	2.2	53037*
140	2.5	53038*
160	2.8	100000933
180	1.9	100000934
Adapter 200/160	3.0	55394

P 250 B

Ø mm	kg	No.
90	7.6	53039
110	7.9	53040
125	7.9	53041
140	7.8	53042
160	7.7	53043
180	7.6	53044
200	6.7	53045
225	4.4	53046

P 355 B

Ø mm	kg	No.
90	7.6	53039*
110	7.9	53040*
125	7.9	53041*
140	7.8	53042*
160	7.7	53043*
180	7.6	53044*
200	6.7	53045*
225	4.4	53046*
250	13.9	100000904
280	11.4	100000388
315	8.4	100000905
Adapter 355/250	14.3	100000387

P 500 B

Ø mm	kg	No.
200	40.0	100000896
225	39.1	100000897
250	38.6	100000898
280	97.7	100000899
315	36.1	100000900
355	31.7	100000901
400	25.2	100000902
450	26.6	100000903

P 630 B

Ø mm	kg	No.
315	36.1	100000900*
355	31.7	100000901*
400	25.2	100000902*
450	26.6	100000903*
500	38.8	53316
560	42.4	53315
Adapter 630/500	38.8	53316

P 800 B

Ø mm	kg	No.
500	35.2	54181
560	36.8	54182
630	88.0	54183
710	88.0	54184

P 1200 B

Ø mm	kg	No.
710	440	54281
800	384	54263
900	320	54262
1000	240	54261

P 5 B

Ø Inch	kg	No.
1.1/4	2.2	100000906
1.1/2	2.5	100000907
2	2.5	100000908
3	2.4	100000909
4	2.0	100000910

P 8 B

Ø Inch	kg	No.
3	8.6	100000911
4	8.6	100000912
5	8.1	100000913
6	6.7	100000914
7	7.5	100000915

P 12 B

Ø Inch	kg	No.
5	8.1	100000913
6	6.7	100000914
7	7.5	100000915
8	5.2	100000919
10	8.2	100000920

P 18 B

Ø Inch	kg	No.
8	40.9	100000921
10	38.4	100000922
12	31.8	100000923
14	31.7	100000924
16	28.6	100000925

P 24 B

Ø Inch	kg	No.
12	31.8	100000923
14	31.7	100000924
16	28.6	100000925
18	26.6	100000930
20	35.7	100000931
22	52.3	100000932

P 48 B

Ø Inch	kg	No.
28	488	120000717
32	424	120000718
34	384	120000720
36	340	120000721
42	196	120000723

* an adapter is needed

RO Smart Weld App

For the simple logging of welds on a remote device in accordance with DVS. A useful addition for all ROWELD® P 160 B – P 630 B (Ø 40 - 630 mm).

Professional Series machines.

The App guides you step-by-step through the welding process and all relevant data is logged and exported as a PDF file. Pictures and GPS data can be added (depending on the device used).

Compatible with mobile devices

The App is available for Android devices, as well as iOS and Windows PC. You can find detailed information in the download center on the homepage.

Available for new machines, as well as for upgrading ROWELD® Professional machines.

Note: To use the free App to log with the machine it is necessary to install the App-kit in the professional hydraulic.

Tip: RO Smart Weld App can also be used to determine the welding parameters without a machine!

Transforms a mobile device into a professional logging device

Connection via Bluetooth with the ROWELD® Professional

**Simple**

All welding parameters are stored in the app

Reliable welding

The App guides you step-by-step through the process

Fast

Send the log directly from site

Record of work

Logging of the welding process

(Fig. similar)

An overview of the most important functions:

Selection screen (Fig. similar)



Preparation of the welding process. (Fig. similar)



Live data during the welding process. (Fig. similar)



An overview of the most important functions:

individual customization
(e.g. integration of the company logo)

PDF file
Sent directly per email (depending on the device used)

Graphic shows an overview of the entire welding process

Compares the parameters actual and target values. Values outside of the tolerance range are displayed in red.

Pictures, GPS (depending on the end device) as well as comments can be inserted

(Fig. similar)

To upgrade the Professional Hydraulic please contact the ROWELD® Service Center

*ROWELD® Basic Sets include: Basic machine with high-pressure hoses and 4 base clamping units, hydraulic device, heating element, milling cutter, storage case, tool kit and transport box. The desired reduction clamping elements in the required size can be ordered separately or as a set with each machine.

Professional Basic Set* incl. App Kit

Description	No.
ROWELD® P 160 B Ø 160 mm 230 V	1000001910
ROWELD® P 200 B Ø 200 mm 230 V	1000001911
ROWELD® P 250 B Ø 250 mm 230 V	1000001912
ROWELD® P 355 B Ø 355 mm 230 V	1000001913
ROWELD® P 500 B Ø 500 mm 400 V	1000001915
ROWELD® P 630 B Ø 630 mm 400 V	1000001916



ROWELD® Manual butt welding machine

Manual butt welding machines Ø 20 - 250 mm (1" - 5").

For heating element butt welding of PE, PP and PVDF pipes and moulded bodies. ROWELD® P110 is also suitable for manufacturing segmented bends. All machines with a different force scale which allows precise adjustment of all welding pressures.

Working range:

Description	Ø mm	Ø Inch
P110	20 - 100 mm	
P160 Saniline / P5 Saniline	40 - 160 mm	1" - 5"
P250A	40 - 250 mm	

Multi-faceted options for clamping

All commonly used moulded bodies installed in a sanitary installation can be clamped

Anti-slip Ø 40 - 140 mm reduction clamping inserts with clamping force regulation

Secure mounting of pipes, moulded bodies, tight 45° forks and 90° bends



The pressure applied can be adjusted separately on both sides

One-sided and two-sided milling is possible

Direct force transmission and a clearly arranged force scale

Precise force adjustment

Description	Trimmer drive	Heating element	Transport/ fastening	Clamping options			
				Pipe - Pipe	Pipe - moulded body	Pipe - stub flange weldings	segmented bends
ROWELD® P 110	manual	electronically regulated	Table clamps	•	•	•	•
ROWELD® P 160 / P 5 Saniline	elektronik	electronically regulated	Table, transport wagon or frame	•	•	•	
ROWELD® P 250 A	elektronik	electronically regulated	Transport box	•	•	•	

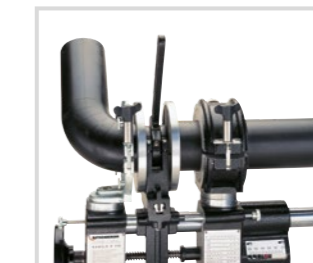
ROWELD® P 160 Saniline: Compact design



ROWELD® P 250 A



Joints between fittings and pipes with narrow and wide clamping elements



ROWELD® P110: By adjusting the basic clamping element angles on both sides (15° each side) segmented bends can be produced



ROWELD® plastic pipe manual welding machines

Machines Ø 20 - 250 mm

Description	Ø Basic unit	Working range incl. Reducer inserts	Voltage	Frequency	Power	kg	No.	Basic unit		Trimmer		Heating plate			
								kg	No.	kg	Power	No.	kg	Power	No.
ROWELD® P 110	110 mm	20 - 110 mm	230 V	50/60 Hz	800 W	43.0	55844	6.8	55787	1.9	manuel	55826	2.6	800 W	55918
			110/115 V	50/60 Hz	800 W	43.0	55924	6.8	55787	1.9	manuel	55826	2.6	800 W	55324
ROWELD® P 160 Saniline	160 mm	40 - 160 mm	230 V	50 Hz	1850 W	53.0	54000	34.4	L90049	6.0	1050 W	L90099	3.2	800 W	55316
ROWELD® P 160 Saniline	160 mm	40 - 160 mm	110/115 V	50 Hz	1850 W	53.0	54001	34.4	L90049	6.0	1050 W	L90196	3.2	800 W	55851
ROWELD® P 160 Saniline special edition	160 mm	40 - 160 mm	230 V	50 Hz	1850 W	62.5	54004	34.4	120000620	6.0	1050 W	L90099	3.2	800 W	55316
ROWELD® P 250 A	250 mm	40 - 250 mm	230 V	50 Hz	2.7 kW	131.0	55795	36.1	55768	11.6	750 W	L81993	5.4	1500 W	55317
	250 mm	40 - 250 mm	110/115 V	50/60 Hz	5.9 kW	131.0	55796	36.1	55738	11.6	750 W	L81993	5.4	1500 W	55854

ROWELD® P 160 Saniline special edition
No. 54004

Machines Ø 1.1/4" - 5"

Description	Ø Basic unit	Working range incl. Reducer inserts	Voltage	Frequency	Power	kg	No.	Basic unit		Trimmer		Heating plate			
								kg	No.	kg	Power	No.	kg	Power	No.
ROWELD® P 5 Saniline	5"	1" - 5"	230 V	50 Hz	1850 W	53	54002	34.4	L90049	6	1050 W	L90099	3.2	800 W	55316

Contents of sets:

ROWELD® P110: The basic unit with a table mounting holder, manual milling device, electronically controllable heating element, a set of base clamping units, wide (Ø 110 mm) and base clamping unit, narrow on the left (Ø 110 mm), Ø 40 - 90 mm reduction clamping inserts wide and narrow, assembly tools, table clamp piece, transport box.

ROWELD® P160 / P 5 Saniline: The basic unit with an electrical milling device, electronically controllable heating element, removable. A set of 160 mm dia. base clamping units on the right and left, Ø 160 mm pipe supports, reduction clamping and support/constraint sets for Ø 40, 50, 63, 75, 90, 110 and 125 mm in a case, assembly tools, an extendable work and transport frame.

ROWELD® P250 A: The basic unit with an electrical milling device, heating element holder, electronically controllable heating element, a set of Ø 160 mm and Ø 250 mm base clamping units and Ø 160 mm and Ø 250 mm support forks, Ø 40 - 140 mm and Ø 180 - 225 mm reduction clamping and support fork inserts, assembly tools, 800 x 520 x 765 mm (L x B x H) steel plate transport box and steel plate case for reduction and support fork inserts.

ROWELD® P 110
No. 55844ROWELD® P 160 Saniline
No. 54000ROWELD® P 250 A
No. 55795

Assembly, Storage

Transport box

Description	L x B x H	kg	No.
For P 110	520 x 350 x 370	14.2	55832
For P 250 A	800 x 520 x 765	25.0	55759
For P 160 Saniline	390 x 300 x 105	0.8	54020
Reducer inserts and table foot		0.5	55524

Set ROWELD® P 110
No. 55844 / No. 55924Set ROWELD® P 250 A
No. 55795 / 55796Saniline with assembly
and transport frame
No. 54000Saniline special edition with
Folding trolley
No. 54401

Transport

Transport frame

Description	kg	No.
Assembly and transport frame for the P 160 / P 5 Saniline	11.3	54015
Collapsible transport wagon for the P 160 / P 5 Saniline	20.0	56051

Spare blade for ROWELD® Trimmer

Description	kg	No.
For P 110	0.05	55152
For P 160 / P 5 Saniline	0.10	55685
For P 160 / P 5 Saniline hard metal	0.05	55684
For trimmer (Saniline)	0.01	55686
For P 250 A	0.10	55163
VPE 1 = 2 pieces		

ROWELD® Trimmer adaptor

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



Description	kg	No.
For P 160 Saniline / P 5 Saniline	0.65	54040

ROWELD® Flange Adapter

For centred welding of flanges

Description	kg	No.
For P 110	1.5	55199



Timer LCD



Description	kg	No.
Timer	0.09	L20315

Base clamps

Base clamps
ROWELD® P 110
No. 55808 / No. 55809Base clamps
ROWELD® P 110
No. 55807Base clamps
ROWELD® P 160 Saniline
No. 54082Base clamps
ROWELD® P 250 A
No. 55717Base clamps
ROWELD® P 250 A
No. 55742

Description	Ø mm	Model	kg	No.	
Base clamps for ROWELD® P 110	110	wide for pipe connections	1 Set = 2 pieces	2.5	55807
Base clamps for ROWELD® P 110	110	narrow for fitting connections left	1 piece	1.0	55808
Base clamps for ROWELD® P 110	110	narrow for fitting connections right	1 piece	1.0	55809
Base clamps for ROWELD® P 160 Saniline	160			5.3	54082
Conversion Kit f. ROWELD® P 160 Saniline		No. 54082 + red. clamp 40, 50, 63, 75, 90, 110, 125		11.2	54080
Base clamps for ROWELD® P 250 A	160			7.2	55742
Base clamps for ROWELD® P 250 A	250			10.1	55717

ROWELD® reducer inserts

reducer inserts wide for ROWELD® P 110			reducer inserts narrow for ROWELD® P 110		
Ø mm	kg	No.	Ø mm	kg	No.
20	1.9	55318	20	0.6	55319
25	1.9	55126	25	0.6	55134
32	1.8	55125	32	0.5	55133
40	1.7	55124	40	0.5	55132
50	1.7	55123	50	0.5	55131
56	1.6	55122	56	0.5	55130
63	1.4	55121	63	0.5	55129
75	1.6	55120	75	0.4	55128
90	1.1	55119	90	0.3	55127

reducer inserts for ROWELD® P 160 Saniline			reducer inserts for ROWELD® P 160 Saniline		
Ø mm	kg	No.	Ø mm	kg	No.
40	1.6	54083	90	1.6	54088
50	1.6	54084	110	1.7	54089
56	1.6	54085	125	1.5	54090
63	1.6	54086	140	1.5	54091
75	1.6	54087			

reducer inserts for ROWELD® P 250 A			reducer inserts for ROWELD® P 250 A		
Ø mm	kg	No.	Ø mm	kg	No.
32	1.9	55753	110	1.3	55746
40	1.9	55752	114	1.2	55745
50	1.9	55751	125	1.1	55744
56	1.9	55750	140	0.8	55743
63	1.8	55749	180	2.5	55721
75	1.7	55748	200	2.1	55718
90	1.5	55747	225	1.2	55719

* an Adaptor is needed

ROWELD®
Workshop machines

Butt welding machines for both individual and series manufacture of pipe/pipe, pipe/moulded body and stub flange weldings as well as manufacture of segmented bends, cross, T- and Y-pieces.

Technical Data:

- Swivelable tools for manufacture of pipe bends on every side up to 22.5°C
- Electronically controlled heating element
- For welding according to DVS and other international and national guidelines



Working range:

Description	Pipe - pipe mm	Pipe - moulded body* mm	Pipe - stub flange weldings* mm	segmented bends mm	T-pieces*	Cross*	Y-pieces*
P 315 W / P 315 W CNC	90 - 315	90 - 315	90 - 315	90 - 315	90 - 250	90 - 250	90 - 250
P 630 W	315 - 630	315 - 630	315 - 630	315 - 630	315 - 630	315 - 630	315 - 630
P 1000 W	560 - 1000		560 - 1000	560 - 1000	450 - 800	450 - 800	450 - 800

*optional accessories are needed

Workshop machines with manual handling

Description	Ø Basic unit	Working range*	Voltage	Frequency	Power	kg	No.	Hydraulic	Trimmer	Heating plate		
								Power	Power	Power		
ROWELD® P 315 W Basic	315 mm	90 - 315 mm	400 V	50/60 Hz	5.0 kW	385 kg	55200	ROWELD® P 315 W Basic	500 W	1500 W	3000 W	on request
ROWELD® P 315 W complete	315 mm	90 - 315 mm	400 V	50/60 Hz	5.0 kW	523 kg	54800	ROWELD® P 315 W complete	500 W	1500 W	3000 W	on request
ROWELD® P 630 W Basic	630 mm	315 - 630 mm	400 V	50/60 Hz	23.0 kW	1550 kg	54200	ROWELD® P 630 W Basic	3000 W	6000 W	14000 W	on request
ROWELD® P 630 W complete	630 mm	315 - 630 mm	400 V	50/60 Hz	23.0 kW	1607 kg	54215	ROWELD® P 630 W complete	3000 W	6000 W	14000 W	on request
ROWELD® P 1000 W Basic	1000 mm	560 - 1000 mm	400 V	50/60 Hz	37.0 kW	4000 kg	53975	ROWELD® P 1000 W Basic	3000 W	6000 W	28000 W	on request
ROWELD® P 1000 W complete	1000 mm	560 - 1000 mm	400 V	50/60 Hz	37.0 kW	4250 kg	53970	ROWELD® P 1000 W complete	3000 W	6000 W	28000 W	on request

* For pipe-pipe connections and segmented bends

All sets consist of: The basic unit with a basic clamping tool on the right and left on cross slides, an installed electrical hydraulic aggregate, an electrical milling unit, an installed heating element with an anti-stick coating, machine support stand, transport box, assembly tool.

Additional complete set: Reduction clamping inserts for all pipe sizes in the specified working area (for available diameters see overview of the reduction clamping inserts).

Workshop machines with CNC control

Description	Ø Basic unit	Working range*	Voltage	Frequency	Power	kg	No.	Hydraulic	Trimmer	Heating plate		
								Power	Power	Power		
ROWELD® P 315 W CNC Basic	315	90 - 315 mm	400 V	50/60 Hz	4.2 kW	385 kg	1000001921	ROWELD® P 315 W CNC Basic	500 W	1500 W	3000 W	on request
Reducer inserts P 315 W	315	90 - 280 mm	400 V				1000001941					

*For pipe-pipe connections and segmented bends

All sets consist of: The basic unit with a basic clamping tool on the right and left on cross slides, an installed electrical hydraulic aggregate, an electrical milling unit, an installed heating element with an anti-stick coating, machine support stand, transport box, assembly tool, DATALINE, displacement transducer.

Additional complete set: Reduction clamping inserts for all pipe sizes in the specified working area (for available diameters see overview of the reduction clamping inserts).

**Basic clamping tools for pipe-fitting connectins**

On cross-slides, including mounting screws.

Description	kg	Working range		No.
		Ø mm		
For P 315 W / P 315 W CNC right (1 Pcs.)	28.1	315		55870
For fittings left for P 630 W left (1 Pcs.)	28.1	315		55879
For P 630 W right	204.0	630		54221
For P 630 W left	204.0	630		54222

T-piece clamping device

For manufacturing T-pieces with equal branches



Set consist of: A three-part basic clamping tool with reduction clamping inserts for the specified working area

Description	kg	Working range		No.
		Ø mm		
For P 315 W / P 315 W CNC	118	90 - 250		55227
For P 630 W	1405	315 - 630		54224
For P 1000 W	1980	450 - 800		53976

**Flange adaptor**

For centred welding of flanges

Description	kg	No.
For P 315 W / P 315 W CNC	22.7	55880
For P 630 W	225.0	54235

Y-piece clamping device

For manufacturing Y-pieces at an angle of 45° or 60°



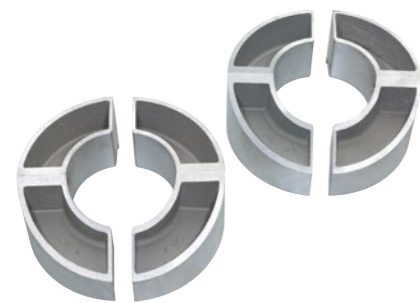
Set consist of: A three-part basic clamping tool with reduction clamping inserts for the specified working area

Description	kg	Working range		No.
		Ø mm		
For P 315 W / P 315 W CNC	19	90 - 250		55226
For P 630 W	1528	315 - 560		54225
For P 1000 W	2825	450 - 800		53977



Replacement blade for the trimmer

Description	kg	No.
For P 315 W / P 315 W CNC	0.2	55203
For P 630 W		on request
For P 1000 W		on request
VPE 1 = 2 pieces		



Reducer clamping inserts Pipe / pipe für P 315 W

Set includes 4 wide aluminium half-shells each

Ø mm	kg	No.	Ø mm	kg	No.
90	8.80	55300	180	11.56	55314
110	9.36	55301	200	11.56	55325
125	9.56	55306	225	17.12	55326
140	10.40	55308	250	14.36	55327
160	11.36	55310	280	9.60	55328

Reducer clamping inserts Pipe / fitting für P 630 W

For fittings. Each set includes 2 narrow metal half-shells

Ø mm	kg	No.
315	16.0	54231
355	15.5	54232
400	12.5	54233
450	13.0	54234
500	12.5	54236
560	12.0	54237

Reducer clamping inserts Pipe / fitting für P 315 W

Set includes 2 narrow metal half-shells each, useable for right and left.

Ø mm	kg	No.	Ø mm	kg	No.
90	3.30	55271	180	2.53	55266
110	3.11	55270	200	2.24	55265
125	3.00	55269	225	1.94	55264
140	2.89	55268	250	1.60	55263
160	2.72	55267	280	1.08	55262

ROTHENBERGER band saws

Plastic pipe band saws 50 mm - 1200 mm

45° pivotable. For precise and perfect, right-angled cuts from PE, PP, PB, PVDF and PVC pipes and fittings.

band saws on request



ROFUSE Sani 160 / 315

Universal electrofusion welding unit for PE and PP drainage pipe with 230 V welding fittings up to Ø 315 mm.

40 - 160 mm:	Geberit, Akatherm-EUR, Coes, Valsir, WAVIN-Duo, Aquatherm and Vulcathene-Euro
200 - 315 mm:	Valsir, Akatherm, Eurofusion, Geberit and Coes

- Microprocessor-controlled welding unit with automatic temperature compensation of the welding time
- Visual monitoring of the welding process
- Large operating radius.
- Robust and impact resistant casing (IP 54)
- Automatic welding parameter settings

Technical Data:

Input voltage:	230 V
Tolerance:	180 V - 280 V
Frequency:	40Hz - 70 Hz
Output voltage:	230 V
Protection class	IP 54
Temperature range :	-5 °C up to +40 °C
Max. Output current:	5 A
Weight:	1.4 kg
Dimension:	120 x 160 x 77 mm
Welding cable:	3 m

Clear, digital display

Visual monitoring of the welding process

Microprocessor

Controlled welding unit with automatic temperature compensation



3 m welding cable

Large operating radius

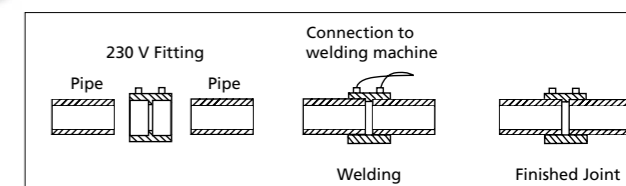
Impact-resistant casin (IP 54)

Robust

Carrying bag



Easy to transport



ROFUSE Sani 160 / 315

Model	kg	No.
ROFUSE Sani 160 with carrying bag	1.4	54230
ROFUSE Sani 315 with carrying bag	1.5	150002598

ROFUSE 400/1200 TURBO

Two universal electrofusion welding units for PE- and PP-fittings up to Ø 400 and up to Ø 1200 mm diameter.

- **Safety:** The Heat-Control (HC) function evaluates based on ambient temperature, device temperature and fitting and checks if the next fitting can be welded completely. This process is fully automated and indicated through a green or a red light shown on the display. This prevents any emergency shut-off of the unit due to overheating.
- **Performance:** Due to the Active-Cooling (AC) function, the unit is ideally fitted for continuous use since the heat removal is maximised by the installed ventilator.
- **Complete solution:** Ideal for use on a job site. All cables are securely stowed away inside the robust housing. The housing also offers sufficient space for accessories, tools or fittings.
- **Read out software for free:** all saved welding sequences can be transferred to a computer with a USB drive. From the computer the data can be archived and printed using the read out programme "RODATA 2.0".
- **Barcode Generator:** RODATA 2.0 offers also the possibility to encrypt the name of the welder and the name of the construction site as a barcode. This barcode can then be scanned at the job site.

**Safety and performance –
the complete solution for
piping systems**

Technical Data:

Mains voltage:	230 V
Frequency:	50Hz / 60 Hz
Output:	3.000 VA, 70 % ED
Output (nominal current):	80 A
Welding voltage:	8-48 V
Ambient temperature:	-10 °C up to +40 °C
Operating range	
ROFUSE 400 TURBO:	Fittings up to Ø400 mm
ROFUSE 1200 TURBO:	Fittings up to Ø1200 mm
Protection class:	IP 54
Transmission interface:	USB v 2.0
Storage capacity:	2.000 Welding logs
Weight incl. welding cable:	about 21.5 kg

(Basic unit without accessories)

SKZ* checked

USB port

Simple data transmission

A clear display

Allows intuitive operation.
The program sequence can
be adapted individually

Wireless scanner

Simple and unlimited handling

ROFUSE 400 TURBO

max. mm	kg		Nr.
400	21.5	1 1	100000999

ROFUSE 1200 TURBO

max. mm	kg		Nr.
1200	21.5	1 1	1000001000

Longer welding through Active Cooling:

The Active-Cooling (AC) function improves the heat removal thanks to the installed ventilator. About 20% more fittings can be welded in series with ROFUSE TURBO.

A practical pocket

for the welder's name and
scan site-code

Height-adjustable cover

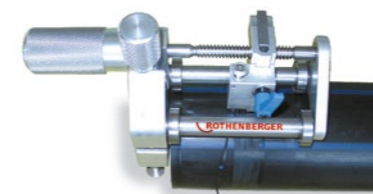
Can be used as a sun shield

A robust housing

The cable can be stowed
away securely

Peeling device for electric socket welding

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



Description	Ø Model	No.
Size I	32 - 110 mm	53240
Size II	110 - 500 mm	53250

Clamping device for electric socket welding

For alignment and fixation of the pipe before and during the welding cycle.



Description	Ø	No.
Double clamp short	75 mm	53255
Double clamp short	90 mm	53256
Double clamp short	110 mm	53257
Double clamp short	125 mm	53258
Double clamp short	140 mm	53259
Double clamp short	160 mm	53260
Double clamp short	180 mm	53261
Double clamp short	200 mm	53262
Double clamp short	225 mm	53263

Double clamp short

For alignment and fixation of the pipe before and during the welding cycle.



Description	Ø	No.
Double clamp adjustable	32 mm	53251
Double clamp adjustable	40 mm	53252
Double clamp adjustable	50 mm	53253
Double clamp adjustable	63 mm	53254

Squeezing device• **Mechanical:**

Range of use from Ø 32 - 63 mm.
To avoid damage to the squeezed area, distance plates can be adjusted on the side.

• **Hydraulic:**

Range of use from Ø 75 - 225 mm.
Functions as mentioned above.
With this unit you can reform squeezed pipes with the help of the rounding shells.



Description	Ø Working range	No.
Squeezing device mechanical	32 - 63 mm	53200
Squeezing device hydraulic	75 - 180 mm	53210
Squeezing device hydraulic	160 - 225 mm	53220

Quad clamps

For manufacturing standard connections with rod shaped material Ø 63 - 225 mm.



Description	Ø	No.
Quad clamp	75 mm	53272
Quad clamp	90 mm	53273
Quad clamp	110 mm	53274
Quad clamp	125 mm	53275
Quad clamp	140 mm	53276
Quad clamp	160 mm	53277
Quad clamp	180 mm	53278
Quad clamp	200 mm	53279
Quad clamp	225 mm	53280

Rounded clamps

For fixation of the welding depth and for rounding PE pipes after squeezing.



Description	Ø	No.
Rounded clamp	25 mm	53281
Rounded clamp	32 mm	53282
Rounded clamp	40 mm	53283
Rounded clamp	50 mm	53284
Rounded clamp	63 mm	53285

ROWELD® P 63 S-6 Sword

Socket welding unit Ø 20 - 63 mm for use with heating spigots and heating sockets

With three simultaneously usable combinations for welding sockets, pipes and fittings according to DVS guidelines.

With a high-quality PTFE anti-stick coating with a long service life.

Working range:

Description	Ø mm	Model
P 63 S-6 thermostatic	20 - 63 mm	thermostatic
P 63 S-6 electronic	20 - 63 mm	electronic

**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. Heating spigots and heating sockets with a high-quality PTFE anti-stick coating with a long service life.

Working range:

Description	Ø mm	Ø Inch
P 125 mit Heating spigots/ Heating sockets	63 - 125 mm	
P 125 Adaptor plate for butt welding	up to 125 mm	up to 4"

**ROWELD® HE Heating plates**

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

With a high-quality PTFE anti-stick coating with a long service life according to DVS guidelines.

Working range:

Description	Ø mm Heating plate	Ø Inch Heating plate
Heating plate 120	120 mm	ca. 4"
Heating plate 200	200 mm	ca. 7"
Heating plate 300	300 mm	ca. 10"

**ROWELD® P 63 S-6 SWORD**

Description	mm	Performance	Frequency	kg	Model	230 V No.	110/115 V No.
P 63 S-6 Set	20, 25, 32	800 W	50/60 Hz	4.30	thermostatic	053892X	053894X
P 63 S-6 Set	20, 25, 32, 40, 50, 63	800 W	50/60 Hz	5.30	thermostatic	053893X	053889X
P 63 S-6 Set	20, 25, 32	800 W	50/60 Hz	4.30	electronic	053890X	053886X
P 63 S-6 Set	20, 25, 32, 40, 50, 63	800 W	50/60 Hz	5.30	electronic	053891X	053887X
P 63 S-6 Single unit		800 W	50/60 Hz	1.78	thermostatic	053897X	
P 63 S-6 Single unit		800 W	50/60 Hz	1.78	electronic	053896X	

ROWELD® sets consist of: Heating spigots and heating sockets in the specified working area, main unit, allen wrench, cylindrical screws, plastic case

Heating spigots / Heating sockets (Form A) for P 63 S-6 Sword

mm	g	No.	mm	g	No.
20	80	53511	40	260	53514
25	100	53512	50	370	53515
32	170	53513	63	600	53516

ROWELD® P 125

Description	mm	Performance Watt	kg	Model	230 V 50/60 Hz
P 125 Single unit		1300	3.10	electronic	55321
P 125 Set	63, 75, 90, 110, 125	1300	17.05	electronic	55546

Set (No. 5.5546) includes: Basic unit, table mounting clamp, heating spigot / heating socket, 63-75, 90, 100 and 125 mm, steel case, adaptor plate (1 set = 2 pc)

Heating spigots / Heating sockets (Form A) for ROWELD® P 125

Description	kg	No.	Description	kg	No.	Description	kg	No.
16	0.06	55585	20	0.08	55589	50	0.37	55593
17	0.06	55586	25	0.10	55590	63	0.60	55594
18	0.08	55587	32	0.17	55591	75	0.89	55595
19	0.08	55588	40	0.26	55592	90	1.33	55596
						110	2.07	55597
						125	2.33	55598

Accessories

Description	kg	No.	Description	kg	No.
Table mounting clamp for P 125	0.45	55524	Floor stand for ROWELD® P 125	0.44	55539
Adaptor plate for butt welding ROWELD® P 125 Ø 160 mm (1 set = 2 pc)				1.15	55536

ROWELD® HE Heating plates

Heating plates Ø mm	Performance Watt	Control Model	kg	230 V 50/60 Hz	110/115 V 50/60 Hz
120/45°	500	elektronik	1.80	55518	55517
200	800	elektronik	3.25	55316	55851
300	1500	elektronik	5.35	55317	55854

Accessories

Description	kg	No.
Table mounting clamp	0.45	55524 55524

ROWELD® Manual welding extruder with integrated air supply

For welding containers, installations and pipeline construction in workshop and building site operation

Working range:

Description	Ø welding wire	Range of use
ROWELD® D2 / 20	3 mm	2 - 10 mm
ROWELD® D4 / 15 Aero Basic	3 mm, 4 mm	4 - 15 mm
ROWELD® D4 / 15 Aero	3 mm, 4 mm	4 - 15 mm
ROWELD® D8 / 30 Aero	3 mm, 4 mm	8 - 30 mm



ROWELD® D4/ 15 Aero
No. 55503

Technical Data:

Description	Welding material	Welding performance	Power consumption	Temperature display	360° rotatable Pre-warming
ROWELD® D2/10	PE, PP, PVDF, PVC, PVC-C	Ø 3 mm, 0.6 kg/h	Pre-warming fan: 2.3 kW Heating belt 75W	digital	
ROWELD® D4/15 Aero Basic	PE, PP, PVDF	Ø 3 mm, 1.1 kg/h Ø 4 mm, 1.8 kg/h	2.7 kW		•
ROWELD® D4/15 Aero	PE, PP, PVDF	Ø 3 mm, 1.1 kg/h Ø 4 mm, 1.8 kg/h	3.4 kW	digital	•
ROWELD® D8/30 Aero	PE, PP, PVDF	Ø 3 mm, 1.8 kg/h Ø 4 mm, 3.2 kg/h	3.4 kW	digital	•

ROWELD® Hot gas welding units

For processing of roof coverings, welding of canvas covers, foils, tents, in boat building, on landfills, in swimming bath construction, automobile and container manufacture.

For shrinking moulded bodies and hoses in the electrical industry. For repair and working of plastic parts in automobile workshops.

Hot gas welding, forming and shrinking of thermoplastic plastics in the workshop and on the building site.



ROWELD® Quick S
No. 55760



ROWELD® WG 1600E
No. 55780

Technical Data:

Description	Power	Heating power	Air consumption l/min	Temperature regulation
Quick S	1.5 kW	≤ 700 W		electronic
WG 1600 E	1.5 kW	≤ 700 W	80 - 250	electronic

ROWELD® Manual welding extruder



ROWELD® D4 / 15 Aero
No. 55503

Description	kg	Voltage	Frequency	No.
ROWELD® D 2 / 10	3.4	230 V	50 / 60 Hz	55504
ROWELD® D 4 / 15 Aero Basic	4.8	230 V	50 / 60 Hz	55502
ROWELD® D 4 / 15 Aero	5.5	230 V	50 / 60 Hz	55503
ROWELD® D 8 / 30 Aero	7.8	230 V	50 / 60 Hz	55506

Scope of delivery: 1 welding shoe, 1 set air jets, 1 unit stand, tool set

ROWELD® Hot gas welding units



ROWELD® Quick S
No. 55760

ROWELD® WG 1600E
No. 55780

Description	kg	Voltage	Frequency	No.
ROWELD® Quick S*	1.4	230 V	50 / 60 Hz	55760
ROWELD® WG 1600E*	0.7	230 V	50 / 60 Hz	55780

*complete with 5 mm tubular nozzle (No. 55769)

Nozzles for Quick S and WG 1600 E



Description	mm	g	No.
Universal tubular nozzle	5.0	40	55769
Wide slot nozzle, angled	20.0	50	55778
Wide slot nozzle	40.0	60	55779
Speed nozzle for round welding rod	3.0	20	55773
Speed nozzle for round welding rod	4.0	20	55774
Speed nozzle for round welding rod	5.0	20	55775
Triangular speed nozzle for profiled welding rod	5.0	20	55776
Triangular speed nozzle for profiled welding rod	7.5	20	55777
Tacking nozzle		20	55772
Shrinking reflector		60	55783

Description	g	No.
Pressure roller, 45 mm for overlap welding	210	55816
Phillips screwdriver for nozzle mounting	40	73152
Heating plate 1500 Watt	80	55800
Spare carbon brushes (1 set = 2 brushes) for Quick S	10	55793
Reinforced plastic pipe, 3 m (f. WG 1600 E)	350	55782
Steel case for ROWELD® HG 1600 E	4400	55799

Tools for manual or electric cutting of pipes up to Ø 355 mm as well as for clean deburring or chamfering. Is supplemented by tools for mounting the pipes for secure working.

Plastic pipe shears



Plastic pipe cutters



Plastic pipe cutting and chamfering tools



Plastic pipe cutter XL



Orbital circular saw



Deburrer



Chamfering tools



Mounting



Description	Cutting	Deburring	Chamfering	Fixation	PE	PP	PVC	PEX	PVDF	PB	MSR	Noise dampening drainpipes	mm	Inch
Plastic pipe shears														
ROCUT® TC 26	•				•	•	•	•	•				0-26	0-1.1/4
ROCUT® TC 32	•				•	•	•	•	•				0-32	0-1.3/8
ROCUT® PS 35	•				•	•	•	•	•				6-35	1/4-1.3/8
ROCUT® TC 42	•				•	•	•	•	•				0-42	0-1.5/8
ROCUT® PS 26 / 42 S	•				•	•	•	•	•				6-42	1/4-1.5/8
ROCUT® TC 50	•				•	•	•	•	•				0-50	0-2
ROCUT® PS 63	•				•	•	•	•	•				0-63	0-2.1/2
ROCUT® TC 75	•				•	•	•	•	•				0-75	0-3

Plastic pipe cutters

TUBE CUTTER 67 PL	•	•			•	•	•	•	•			•	6-67	1/4-2.5/8
TUBE CUTTER 125 PL	•	•			•	•	•	•	•			•	50-125	2-5
TUBE CUTTER 168 PL	•	•			•	•	•	•	•			•	110-168	4-6.5/8
TC 35 MSR	•	•									•		6-35	1/4-1.3/8
TC 42 PRO MSR	•	•									•		6-42	1/4-1.5/8
TC 42 PRO PVC	•	•											6-42	1/4-1.5/8

Plastic pipe cutting and chamfering tools

ROCUT® 110	•		•	•	•	•	•	•	•	•	•	•	32-110	–
ROCUT® 160	•		•	•	•	•	•	•	•	•	•	•	110-160	–

Plastic pipe cutter XL

ROCUT® XL 125	•				•								≤ 125	≤ 4
ROCUT® XL 225	•				•								≤ 225	≤ 8
ROCUT® XL 315	•				•								≤ 315	≤ 12

Orbital circular saw

UKS 160 / 355	•				•	•	•						160-355	6-12
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Deburrer

Unigrat Fast Deburrer		•			•	•	•	•	•	•	•	•		
Gratfix HSS Deburrer		•			•	•	•	•	•	•	•	•		

Chamfering tools

Plastic pipe size 1			•	•	•	•	•	•	•	•	•	•	16-110	5/8-4.3/4
Plastic pipe size 2			•	•	•	•	•	•	•	•	•	•	32-160	1.1/4-6

Mounting

Easygrip					•	•	•	•	•	•	•	•	20-160	3/4-6
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ROCUT®

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



No. 52000

**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. 52040



No. 52005

ROCUT® TC 63 Professional

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

(TC 63 Professional for PVC pipes)



No. 52030

ROCUT® TC 50 / TC 75 Professional

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



No. 52015

No. 52010

Description	mm	Inch	g	mm	No.
ROCUT® TC 26	0 - 26	0 - 1.1/4"	370	1 4	52005
ROCUT® TC 32	0 - 32	0 - 1.3/8"	220	1 4	52040
ROCUT® PS 35	6 - 35	1/4 - 1.3/8"	740	1 20	55005
ROCUT® PS 26 / 42 S adjustable	6 - 42	1/4 - 1.5/8"	950		55015
ROCUT® TC 50	0 - 50	0 - 2"	600	1 4	52010
ROCUT® TC 63	0 - 63	0 - 2.1/2"	700	1	52030
ROCUT® TC 75	0 - 75	0 - 3"	1600	1	52015
Counter display TC 26				1(10)	052005D

Accessories

Description	mm	Inch	g	No.
Spare stainless steel blade for TC 32	0 - 32	1.3/8"	120	1 52041
Spare stainless steel blade for PS 35 S	6 - 35	1/4 - 1.3/8"	30	1 55006
Spare stainless steel blade for PS 26 / 42 S	6 - 42	1/4 - 1.5/8"	60	1 55007
Spare stainless steel blade for TC 50	0 - 50	0 - 2"	120	1 52011
Spare stainless steel blade for TC 63	0 - 63	0 - 2.1/2"	130	1 52031
Spare stainless steel blade for TC 75	0 - 75	0 - 3"	190	1 52016

ROCUT® 110 / ROCUT® 160

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.

Contents of all sets: ROCUT main unit, internal deburrer, clamping jaws disc for the given working areas, plastic case

In addition, the ROCUT 110 Set: A standard cutting steel pin, cutting wheel for sound dampening pipes

In addition the ROCUT 110 set for sound dampening pipes: Cutting wheel for sound dampening pipes

In addition the ROCUT 160 set: Cutting steel pin with an automatic copier, HM cutting steel blade

**Cutter wheel insert**

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

Integrated internal deburrer is stored in the handle

Always on hand

**Centred and safe cutting geometry pipe clamping, including non-round pipes**

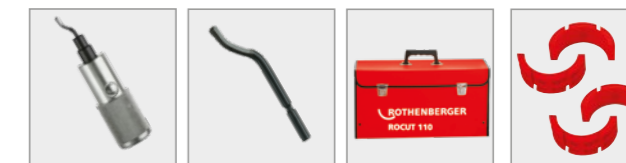
Continuously adjustable pipe clamping pressure

**For hands-free operation****Clamping in a parallel vice****ROCUT® 160 with cutter wheel****ROCUT® 110 with cutter blade (No. 54950) (special accessories)**

Description	Working range Ø mm	kg	No.
ROCUT® 110 - Set	50, 75, 110	3.9	55035
ROCUT® 110 - Set for sound-insulated pipes	58, 78, 110	3.9	55037
ROCUT® 160-Set	110, 125, 160	5.6	55063

Accessories

Description	g	No.
Internal deburrer with blade	150	55018
Cutter blade for internal deburrer	10	21652
Plastic carrying case for ROCUT® 110	850	55016
Plastic carrying case for ROCUT® 160	1400	55017



Accessories Plastic pipe cutting and chamfering tools

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. 55029)

Description	mm	g	No.
Basic unit ROCUT® 110	110	2450	55020
Clamping set *	100	110	55048
Clamping set *	90	150	55021
Clamping set *	80	170	55047
Clamping set *	78	180	55062
Clamping set *	75	210	55022
Clamping set *	63	220	55023
Clamping set *	58	230	55013
Clamping set *	56	270	55024
Clamping set *	50	290	55025
Clamping set *	40	300	55027
Clamping set *	32	330	55026

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

HM cutter Blade Inserts

ROCUT® 110 and ROCUT® 160



Description	Cutting depth mm	g	No.
Cutter blade shaft with automatic copying and HM cutter blade inserts	7.5	110	54960
Cutter blade shaft with automatic copying and HM cutter blade inserts	12.5	120	54961
Spare HM cutter blade insert for cutting and chamfering 15°	7.5	10	55029
Spare HM cutter blade insert for cutting and chamfering 15°	12.5	20	55019

ROCUT® 160

Basic Unit Ø 110 - 160 mm

Cutter blade shaft with automatic copying and cutter blade (No. 55019), for use with clamping sets Ø 110 - 140 mm, without internal deburrer



Description	mm	g	No.
Basic unit ROCUT® 160	160	3450	55030
Clamping set *	140	180	55031
Clamping set *	125	250	55032
Clamping set *	110	310	55033

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

Cutter Wheels

ROCUT® 110 and ROCUT® 160



Description	Cutting depth mm	g	No.
Cutter wheel shaft with Cutter wheel (No. 5.5074)	16.0	130	54950
Spare cutter wheels (2 pieces)	8.6	10	055053D
Spare cutter wheels (3 pieces)	13.0	20	055054D
Spare cutter wheels (4 pieces)	16.0	20	055074D

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



Description	mm	Inch	Cutting depth	kg	No.
TC 67 PL	6 - 67	1/4 - 2.5/8"	7	0.7	1 70031
TC 125 PL	50 - 125	2 - 5"	13	1.6	1 70032
TC 168 PL	110 - 168	4 - 6.5/8"	16	1.7	1 70033

Accessories

Description	mm	Inch	Cutting depth	kg	No.
Spare cutter wheels for TC 67 PL	7.0	0.1	3	070028D	
Spare cutter wheels for TC 125 PL	13.0	0.2	3	055054D	
Special size TC 125 PL	8.6	0.1	2	055053D	
Spare cutter wheels for TC 168 PL	16.0	0.2	2	055074D	
Special size TC 168 PL	8.6	0.1	2	055074D	

ROCUT XL

Pipe cutter PE

For cutting-off pipes in trenches, for making repairs or extensions



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

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

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



Description	mm	Inch	g	No.
TC 35 MSR	6 - 35	1/4 - 1.3/8"	440	1 10 70108
TC 42 PRO MSR	6 - 42	1/4 - 1.5/8"	510	1 10 70109
TC 42 PRO PVC	6 - 42	1/4 - 1.5/8"	510	1 4 70072

Accessories

Description	mm	Inch	g	No.
Spare cutter wheels for TC 35 / 42 MSR	19	1	5	070188D
Spare cutter wheels for TC 42 PVC	10	3		070028D

Description	mm	Inch	Wall thickness	No.
ROCUT XL 125 to 125 mm	up to 4"	max. 11.4 mm	150000789	
ROCUT XL 225 to 225 mm	up to 8"	max. 18 mm	150000790	
ROCUT XL 315 to 315 mm	up to 12"	max. 18 mm	150000792	

Replacement blade

Scope of delivery: 1 replacement blade + fastening screws

Description	kg	No.
For ROCUT XL 125	0.3	150000793
For ROCUT XL 225	0.7	150000794
For ROCUT XL 315	2.1	150000795

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



ROCUT® UKS 160 / 355**High-performance orbital circular saw Ø 160 - 355 mm**

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

Technical Data:

Voltage:	230 V 50 / 60 Hz
Power:	1750 W
Outer pipe diameters:	160 mm - 355 mm
Wall thickness pipe:	8 - 40 mm

**Rubberised guide rollers**

Right-angled cuts with no misalignment

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

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



Description	kg	No.
ROCUT® UKS 160 / 355, complete with HM saw blade (No. 55505), without carrier box	12.9	100000532

Accessories

Description	kg	No.
Spare HM saw blade 180 x 30 mm	0.6	55505
Carrier box 700 x 350 x 500 mm	16.8	120000526

No. 55655

No. 55505

**Accessories**

Description	mm	Inch	No.
Spare strap EASYGRIP			110 55076

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

The indispensable tool for socket welding large diameter plastic pipes

Description	mm	Inch	No.
EASYGRIP	20 - 160	3/4 - 6"	1 55075

UNIGRAT Fast Deburrer**Fast deburrer with HSS universal blade**

For edge deburring on all conventional plastic pipes and plastic plates

Description	g	No.
UNIGRAT Fast Deburrer	30	21660



No. 21655

GRATFIX HSS Deburrer**Deburrer**

Ideal for deburring edges, pipes and steel, aluminium, brass, copper sheet, cast-iron and plastic plates

Accessories

Description	g	No.
Spare HSS blade	10	21652

Description	g	No.
GRATFIX HSS Deburrer	50	21655



No. 55051

Plastic pipe chamfering units**With replaceable blades Ø 16 - 160 mm (5/8 - 6")**

For 15° outer chamfers on plastic pipe

Accessories

Description	g	No.
Spare blade size 1 and 2	30.0	55058

Description	Inch	mm	g	No.
Chamfering unit size 1	5/8 - 4.3/8	16 - 110	720	55050
Chamfering unit size 2	1.1/4 - 6	32 - 160	800	55051

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