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PARS ETHYLENE KISH CO.

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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

- 3 Mechanical stop adjustable from both sides

Single and double-sided trimming possible

Hardened, chrome-plated guide shafts

Absolutely warp-resistant

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

Segmented bends can be produced

- 2 Direct force transmission and clear force scale

Precise pressure adjustment

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

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Electro-Fusion Welding

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

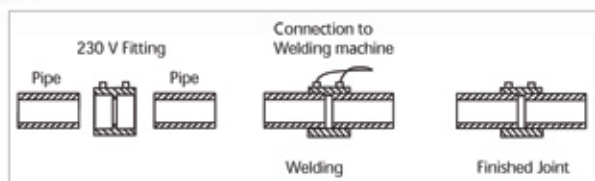
Input Voltage:	230 V
Tolerance:	186 V - 275 V
Frequency:	40 Hz - 70 Hz
Output voltage:	230 V
Protection class:	IP 44
Temperature range:	-5 °C bis + 40 °C
Max. Output current:	5 A
Weight:	1,2 kg
Dimensions:	120 x 160 x 77 mm
Welding cable:	3 m



Carrying case



Easy to transport



Model

kg

No.

ROWELD® ROFUSE Sani 160 with carrying bag

1.2

5.4230

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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



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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® P 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		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	

Easy to transport



Trimmer attachment (No. 5.4040)
(special accessories)



Basic clamping set No. 5.4082
(special accessories)



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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

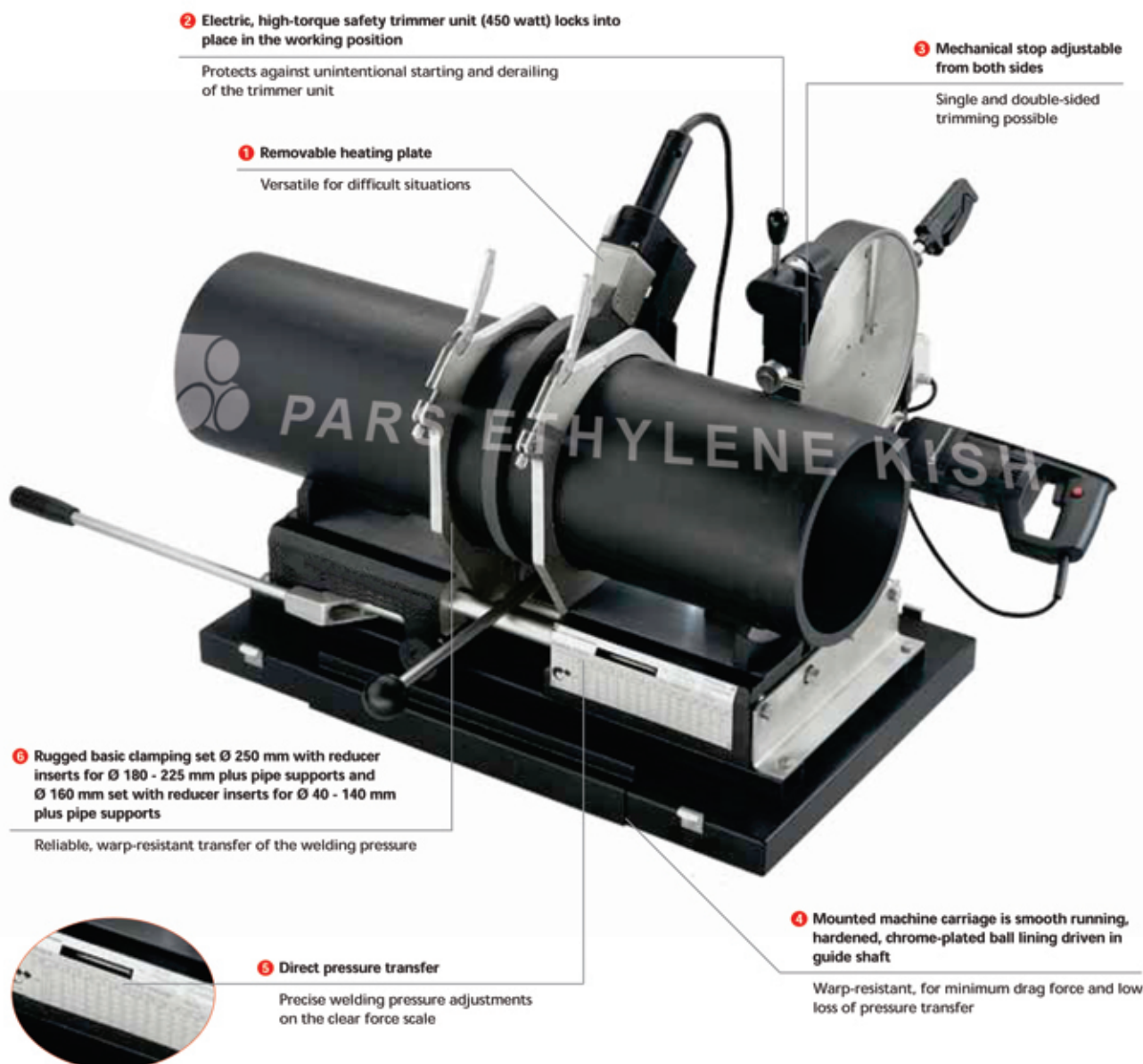
- 1 Versatile for difficult situations with the removable heating plates
- 2 Protects against unintentional starting and derailing of the trimmer unit
- 3 Single and double-sided trimming possible
- 4 Warp-resistant for minimum drag and low pressure transfer loss

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	



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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



① 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

Welding of T-pieces



Conversion kit for segment elbows 160 mm (special accessories)



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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

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Accessories ROWELD® P 160 Saniline

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

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



ROWELD® P 160 SANILINE
Basic machine

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	



No. 5.4015



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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			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

		No.			No.
160	7.25	5.5742	250	10.10	5.5717



Reducer clamping insert set

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

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)

		No.			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			



Basic clamping tools

Basic Clamping Tools

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

		No.			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		230 V 50 / 60 Hz	110 V / 115 V 50 / 60 Hz
Electronically controlled	5.35	5.5317	5.5854

ACCESSORIES

Description		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

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Overview Triple-M-System

The exclusive ROWELD® Triple-M-System

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).**

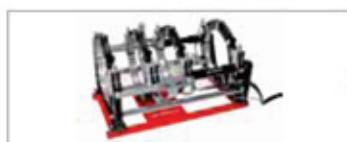


Examples of use Gas- / Water installation

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



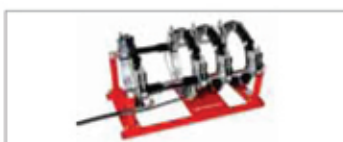
SDR = Standard Diameter Ratio
$$\frac{\text{Outer-}\varnothing}{\text{Pipe wall thickness}}$$

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

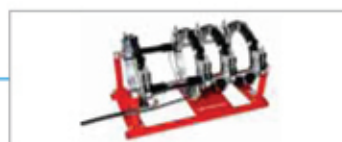


Examples of use Sewage installation

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



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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



7



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



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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)

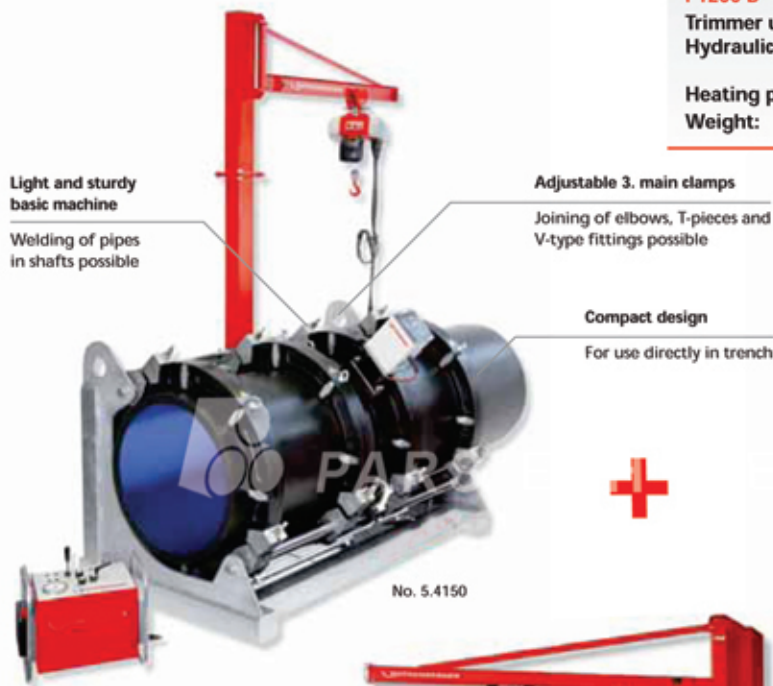
TECHNICAL DATA

P 800 B

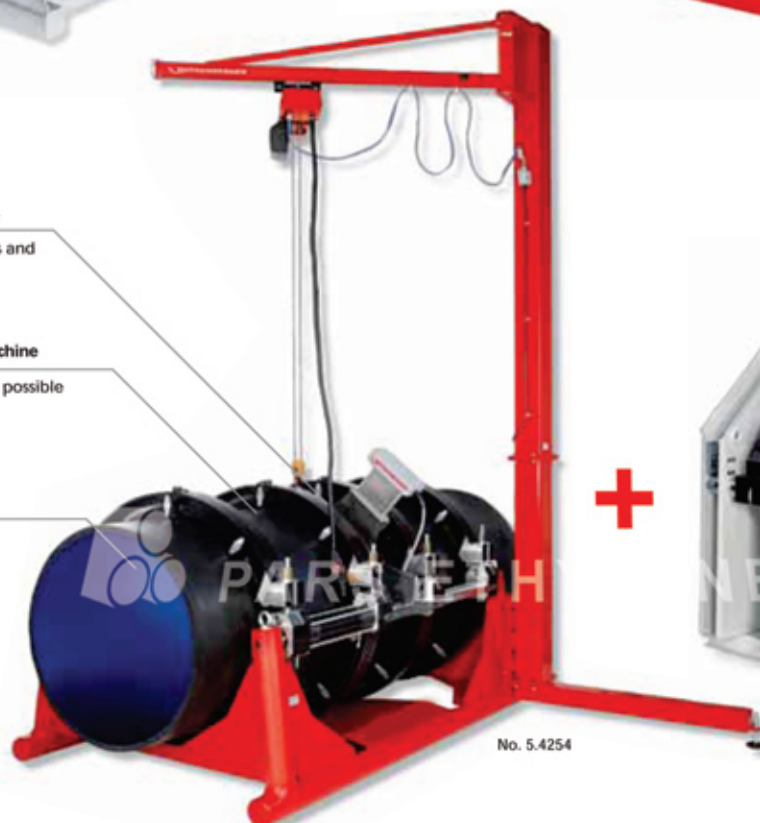
Trimmer unit: 1500 W, 400 V 50 / 60 Hz
Hydraulic unit: 1500 W, (0 - 120 bar)
400 V, 50 / 60 Hz
Heating plate: 12000 W, 400 V 50 / 60 Hz
Weight: 1550 kg

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



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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

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

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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

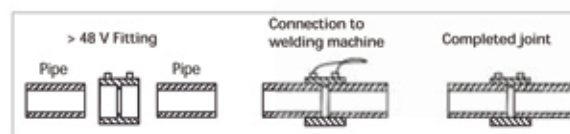
4 x 20 characters with 9 mm font size and LED

User friendly

2 Via USB port

Simple data transfer

3 Welding monitoring system



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

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

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

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