

# Plastic pipe welding

## ROWELD Butt welding E-Series

### ROWELD type Standard

Hydraulic butt welding machine Ø 63–1,200 mm.  
The robust and economic machine with easy-to-use elements ensure a reliable operation.

For heating element butt welding of PE, PP and PVDF pipes and moulded bodies. For use on construction sites, trenches and workshops. The ROWELD hydraulic type Standard with a simple design, robust components & easy-to-use elements works in every environment.

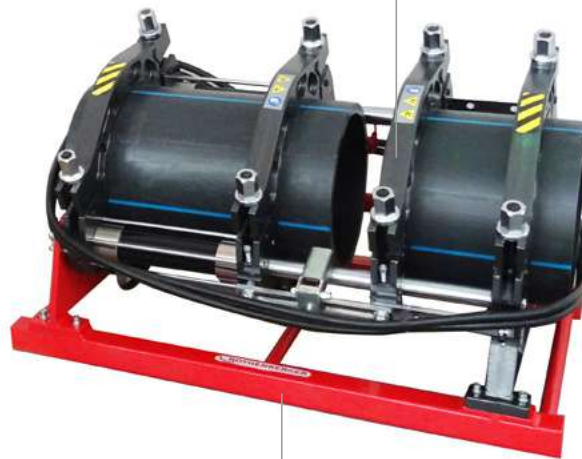
#### Working range:

Description	Ø m
E 160 B	40–160 mm
E 250 B	63–250 mm
E 315 B	90–315 mm
E 355 B	90–355 mm
E 450 B	200–450 mm
E 500 B	200–500 mm
E 630 B	315–630 mm
E 800 B	450–800 mm
E 1000 B	630–1000 mm
E 1200 B	630–1200 mm

Other sizes on request.

#### Flexible

The 3<sup>rd</sup> basic clamping element can be moved flexibly



#### Robust, torsionally rigid frame

Allows reliable weldings in virtually any environment

#### Simple operation

Easy monitoring of all necessary parameter



#### Safe

Perfect parking for trimmer and heating plate



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



Simple & save monitoring of all necessary welding parameters.



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



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




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### ROWELD plastic pipe welding machines type Standard\*

#### Machines Ø 63–630 mm


Description	Ø Basic unit	Working range	Voltage	Frequency	Power		No.
ROWELD 160 B (w/ Sandwich Inserts)	160 mm	40–160 mm	220 V	50 Hz	2.45 kW	57.4	<b>SHD160.W12</b>
ROWELD 160 B (w/ 3+1 Inserts)	160 mm	40–160 mm	220 V	50 Hz	2.45 kW	57.4	<b>SHD160.W13</b>
ROWELD 250 B (w/ Sandwich Inserts)	250 mm	63–250 mm	220 V	50 Hz	3.85 kW	82.2	<b>SHD250.W20</b>
ROWELD 250 B (w/ 3+1 Inserts)	250 mm	63–250 mm	220 V	50 Hz	3.85 kW	82.2	<b>SHD250.W22</b>
ROWELD 315 B (w/ Sandwich Inserts)	315 mm	90–315 mm	220 V	50 Hz	4.45 kW	124.4	<b>SHD315.W18</b>
ROWELD 315 B (w/ 3+1 Inserts)	315 mm	90–315 mm	220 V	50 Hz	4.45 kW	124.4	<b>SHD315.W19</b>
ROWELD 355 B (w/ Sandwich Inserts)	355 mm	90–355 mm	220 V	50 Hz	5.58 kW	140.7	<b>SHD355.W15</b>
ROWELD 355 B (w/ 3+1 Inserts)	355 mm	90–355 mm	220 V	50 Hz	5.58 kW	140.7	<b>SHD355.W16</b>
ROWELD 450 B (w/ Sandwich Inserts)	450 mm	200–450 mm	380 V	50 Hz	8.38 kW	327.0	<b>SHD450.W14</b>
ROWELD 450 B (w/ 3+1 Inserts)	450 mm	200–450 mm	380 V	50 Hz	8.38 kW	327.0	<b>SHD450.W15</b>
ROWELD 500 B (w/ Sandwich Inserts)	500 mm	200–500 mm	380 V	50 Hz	9.50 kW	482.0	<b>SHD500.W08</b>
ROWELD 500 B (w/ 3+1 Inserts)	500 mm	200–500 mm	380 V	50 Hz	9.50 kW	482.0	<b>SHD500.W09</b>
ROWELD 630 B (w/ Sandwich Inserts)	630 mm	315–630 mm	380 V	50 Hz	12.35 kW	502.0	<b>SHD630.W14</b>
ROWELD 630 B (w/ 3+1 Inserts)	630 mm	315–630 mm	380 V	50 Hz	12.35 kW	502.0	<b>SHD630.W15</b>
ROWELD 800 B (w/ Sandwich Inserts)	800 mm	450–800 mm	380 V	50 Hz	12.50 kW	1360.0	<b>SHD800.W09</b>

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

### ROWELD lift-out devices

For lifting Trimmer unit & Heating plate




Description	Voltage		No.
For 450/500/630 B	400 V	123.0	<b>SHD630.DG.W01</b>
For 800 B	400 V	165.0	<b>SHD800-S.DG.01</b>

### ROWELD Stub Device

For centred welding of flanges



Description	Ø		No.
For 160 B	160 mm	4.2	<b>SHD160.FL.01</b>
For 250 B	250 mm	8.6	<b>SHD250.FL.01</b>
For 315 B	315 mm	13.0	<b>SHD315.FL.01</b>
For 355 B	355 mm	14.9	<b>SHD355.FL.01</b>
For 450 B	450 mm	25.0	<b>SHD450.FL.01</b>
For 500 B	500 mm	28.3	<b>SHD500.FL.01</b>
For 630 B	630 mm	34.0	<b>SHD630.FL.01</b>
For 800 B	800 mm	72.0	<b>SHD800.FL.01</b>