




Plastic Pipe Welding

Butt Welding

ROWELD® hydraulic concept "Made in Germany"

The ROWELD® hydraulic unit is available in a **professional** and **premium** version. The premium hydraulic unit is divided into **Premium** and **Premium CNC** capacities.

Everything at a glance...				
	Type Professional	Type Premium	Type Premium CNC	
	Temperature control	●	●	●
	Pressure reading analogue	●	—	—
	Pressure reading digital	—	●	●
	Pressure hold function	●	●	●
	Logging system	—	●	●
	Position sensor	—	—	●
	Automatic parameter calculation	—	—	●
	CNC-control	—	—	●
	Touch screen	—	●	●
	Colour display 3.5"	—	●	●
	Menu language Multi-lingual	—	●	●
USB port	—	●	●	

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

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Product Profile

APPLICATION AREA

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"



Set P 355 B
No. 100000383

ROWELD® type Premium

Hydraulic butt welding machine Ø 90 - 630 mm.
The Premium Hydraulic System guides the user
step-by-step through the welding process.
All parameters are documented automatically

Product Profile

APPLICATION AREA

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"



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: in accordance to DVS
Welding standards: DVS, further standards available upon request, manual entry of welding parameters is possible



Set P 355 B
No. 1000000562

ROWELD® type Premium CNC

Hydraulic butt-welding machine Ø 90 - 630 mm.
The Premium CNC System enables a nearly fully
automated operation. All parameters are documented
automatically

Product Profile

APPLICATION AREA

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"

SA = semi-automatic
VA = fully automatic



Set P 355 B
No. 1000000563

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: in accordance to DVS
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)

