



BASIC 200

The **BASIC 200** is a manual hydraulic mirror welding machine, suitable for welding pressure pipe systems for water, gas, or other media. The machine has a range of **63 to 200 mm** and is built according to international standards (UNI 10565, ISO 12176-1).

The machine contains:

- A machine sled with frame, 4 clamps, 2 hydraulic cylinders and hydraulic hoses with anti-leak couplings that can be plugged in and out quickly.
- A PTFE coated heating plate with a built-in thermometer, and a high-precision digital-electronic thermoregulator "Digital Dragon" ($\pm 1\%$). This system contains LED indicators and monitors the normal operation of the machine (voltage and temperature control).
- A removable surface planer to straighten the ends of the tube/fitting. It includes a safety micro-switch and a thermal circuit breaker.
- An electric-hydraulic control box, protected against impact and atmospheric corrosion by means of a plastic box. The control box contains a lever to operate the clamps (open-close), a maximum pressure and discharge valve (also usable for the "dual pressure" welding process), an analog reading of the current pressure and a timer to keep an eye on the load times. The control box is equipped with a connection for the electronic data logging unit "THE INSPECTOR".
- A holder for flat planer and heating plate

With the **BASIC 200** you can weld tubes and fittings such as knieën, te-pieces, Y-pieces and collar bushings.
Standard in 230V (110V on request)

TECHNICAL DATA

		BASIC 200
Diameter range	∅	63 - 200 mm
SDR range	SDR	SDR 41 - 6
Materials		HDPE, PP, PB, PVDF
Power supply		230 V Single Phase
Total power consumption	W	3250 W
Recommended generator		5.5 / 6 kVA
Temperature setting range	°C	180°C / 280°C
Ambient temperature	°C	-10°C / 40°C
Time needed to reach welding temperature		< 20'
Noise level	Lwa	72 dB (A)
Memory		-
Pre-adjustable welding cycles		-
Wi-Fi ready		-
GPS		-
Mirror temperature		Adjustable
Mirror temperature readable		Digital
Automatic extraction of heating plate		-
Automatic extraction of flat planer		-
Smartlock inserts		-
Lifting support clamps-heating plate-flat planer		-
Dimensions machine-base	L x W x H	685 x 460 x 420 mm
Dimensions control box	L x W x H	470 x 250 x 370 mm
Machine base weight	Kg	39 kg
Handlebar box weight	Kg	26 kg
Weight flat planer	Kg	11 kg
Heating plate weight	Kg	6 kg
Holder weight	Kg	7.5 kg
Weight standard composition	Kg	93 kg

MACHINES

93100007	BASIC 200 V0 (230V - 1~)
93100008	BASIC 200 V0 (230V - 1~) with Inserts Ø 63 - 180mm
93100016	BASIC 200 V0 (230V - 1~) Schuko Plug
93100006	BASIC 200 V0 (230V - 1~) Schuko Plug with Inserts Ø 63 - 180mm

OPTIONS

87294594	Complete SET of Inserts Ø63 - 180mm
87292436	Inserts Ø 63mm
87292709	Inserts Ø 75mm
87292982	Inserts Ø 90mm
87293252	Inserts Ø 110mm
87293519	Inserts Ø 125mm
87293788	Inserts Ø 140mm
87294058	Inserts Ø 160mm
87294326	Inserts Ø180mm
33150951	Pre-Insulated BAG for Heating Plate
80402450	Tool for Flange Necks
81211067	Trolley for Heating plate + Milling Cutter + Gearcase
81213100	Trolley for Machine Basics

SPARE PARTS

92158063	Gearcase 0,37 kw- 1,1cc (schuko plug 230V)
92158082	Gearcase 0,37 kw-1,1cc-230V
90025290	Heating plate (230V)
90025293	Heating plate (schuko plug - 230V)
81743110	Machine Body and Tool Kit
81803100	Milling Cutter (230V)
81803102	Milling Cutter (Schuko Plug - 230V)
83620952	O-Ring SET for Cylinders 81493100 / 81493101
84460951	SET of Blades for Milling Cutter (2pcs)
84463100	SET of Blades for Milling Cutter - for PP - (2pcs)
88163100	Support for Milling Cutter/ Heating plate