

BASIC 355



The **BASIC 355** 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 **125 to 355 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 with 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 355** you can weld tubes and fittings such as knieen, tees, Y-pieces and collar bushings.

TECHNICAL DATA

		BASIC 355
Diameter range	Ø	125 - 355 mm
SDR range	SDR	SDR 41 - 6
Materials		HDPE, PP, PB, PVDF
Power supply		230 V Single Phase
Total power consumption	W	5750 W
Recommended generator		8 / 8.5 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		Yes
Lifting support clamps-heating plate-flat planer		-
Dimensions machine-base	L x W x H	1077 x 510 x 715 mm
Dimensions control box	L x W x H	550 x 300 x 400 mm
Machine base weight	Kg	100 kg
Handlebar box weight	Kg	32 kg
Weight flat planer	Kg	38 kg
Heating plate weight	Kg	18 kg
Holder weight	Kg	23 kg
Weight standard composition	Kg	205 kg

MACHINES

93400100	BASIC 355 V0 (230V - 1~)
93400101	BASIC 355 V0 (230V - 1~) with Inserts Ø 125 - 315 mm
93400114	BASIC 355 V0 (230V - 1~) Schuko Plug
93400106	BASIC 355 V0 (230V - 1~) Schuko Plug with Inserts Ø 125 - 315 mm

OPTIONS

87295943	Complete SET of Inserts 125-315mm
87295132	Inserts Master Ø 250mm
87283795	Inserts Ø 145mm GERODUR
87284070	Inserts Ø 166mm GERODUR
87284340	Inserts Ø 187mm GERODUR
87284610	Inserts Ø 207mm GERODUR
87294873	Inserts Ø 232mm GERODUR
87285675	Inserts Ø 322mm GERODUR
87293518	Inserts Ø 125mm
87293786	Inserts Ø 140mm
87294057	Inserts Ø 160mm
87294325	Inserts Ø 180mm
87294593	Inserts Ø 200mm
87294864	Inserts Ø 225mm
87295405	Inserts Ø 280mm
87295676	Inserts Ø 315mm
33153451	Pre-Insulated BAG for Heating Plate
84303400	Tool for Flange Necks
81213409	Trolley for Machine Basics
71261240	Wooden Case for Inserts

SPARE PARTS

92154422	Gearcase 1,1 kw-1,2,6 cc (schuko plug - 230V)
92154424	Gearcase 1.1 kw-1,2,6 cc-230V
90018343	Heating plate (230V)
90018351	Heating plate (schuko plug - 230V)
81743442	Machine Body and Tool Kit
81803402	Milling Cutter (230V)
81803407	Milling Cutter (Schuko Plug - 230V)
83623400	O-Ring SET for Cylinders 81493430
84461150	SET of Blades for Milling Cutter (2pcs)
84461151	SET of Blades for Milling Cutter - for PP - (2pcs)
NL-	
78153455A	Support for Milling Cutter + Heating Plate