

COMPACT 250



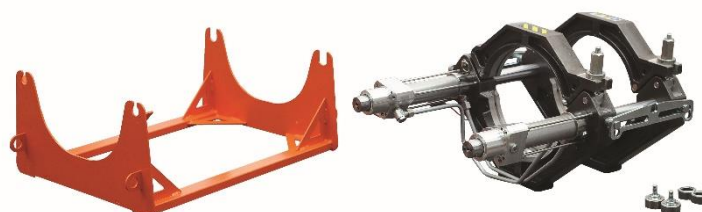
The **COMPACT 250** is a manual hydraulic mirror welding machine, suitable for welding pressure piping systems for water, gas, or other media. The machine has a range of **75 to 250 mm** and is built according to international standards (UNI 10565, ISO 12176-1).

The machine contains:

- A machine slide with frame, 2 clamps, 2 hydraulic cylinders and hydraulic hoses with anti-puncture couplings that can be plugged in and out quickly.
- A PTFE coated welding mirror 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 planer to straighten the ends of the pipe/fitting. This 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 cabinet 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 welding times.
- The machine is equipped with a connection for the electronic data logging unit "THE INSPECTOR".
- A holder for planer and welding mirror

With the **COMPACT 250** you can weld pipes and fittings such as knees, tees, Y-pieces and collar bushings.

The machine slide can be removed from its frame, to act as a very compact model and to carry out repair welding, or to weld fitting fitting.



TECHNICAL DATA

		COMPACT 250
Diameter range	Ø	75 - 250 mm
SDR range	SDR	SDR 41 - 6
Materials		HDPE, PP, PVDF
Power supply		230 V Single Phase
Total power consumption	W	3450 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 welding mirror		-
Automatic extraction of the planer		-
Smartlock inserts		And
Lifting support clamps-heating plate-flat planer		-
Machine base dimensions	L x W x H	675 x 548 x 385 mm
Dimensions control box	L x W x H	470 x 250 x 370 mm
Machine base weight	kg	37 kg
Weight gearcase	kg	26 kg
Weight planer	kg	15 kg
Weight heating plate	kg	8 kg
Weight support	kg	9 kg
Weight standard composition	kg	98 kg

MACHINES

93650060	COMPACT 250 (230V - 1~) Complete
81741087	COMPACT 250 Only Machine body

OPTIONS

85235135	EXTRA (THIRD) CLAMP COMPACT 250
87294877	SET OF INSERTS 75 - 225 (1 clamp) COMPACT 250
87292733	INSERTS DIAM.75 MM (1 clamp) COMPACT 250
87293001	INSERTS DIAM.90 MM (1 clamp) COMPACT 250
87293281	INSERTS DIAM.110 MM (1 clamp) COMPACT 250
87293547	INSERTS DIAM.125 MM (1 clamp) COMPACT 250
87293816	INSERTS DIAM.140 MM (1 clamp) COMPACT 250
87294062	INSERTS DIAM.160 MM (1 clamp) COMPACT 250
87294338	INSERTS DIAM.180 MM (1 clamp) COMPACT 250
87294599	INSERTS DIAM.200 MM (1 clamp) COMPACT 250
87294874	INSERTS DIAM.225 MM (1 clamp) COMPACT 250