

COMPACT 630



The **COMPACT 630** 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 **280 to 630 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 630** 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 perform repair welding, or to weld fitting fitting.

TECHNICAL DATA

		COMPACT 630
Diameter range	Ø	280 - 630 mm
SDR range	SDR	41 - 6
Materials		HDPE, PP, PVDF
Power supply		400V Three Phase
Total power consumption	W	12400 W
Recommended generator		18 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	LpA <70 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		-
Lifting support clamps-welding mirror-flat planer		-
Machine base dimensions	L x B x H	1120 x 1088 x 852 mm
Dimensions control box	L x B x H	615 x 298 x 474 mm
Machine base weight	kg	200 kg
Weight gearcase	kg	43 kg
Weight flat planer	kg	143 kg
Weight mirror	kg	43 kg
Weight holder	kg	59 kg
Weight standard composition	kg	490 kg

MACHINE

93650150 COMPACT 630 (400V - 3~) 2 Clamp Machine

OPTIONS

81741357	COMPACT 630 Machine body
85237292	EXTRA CLAMP (THIRD) COMPACT 630
87295663	INSERTS DIAM.280 MM (1 clamp) COMPACT 630
87295691	INSERTS DIAM.315 MM (1 clamp) COMPACT 630
87295949	INSERTS DIAM.355 MM (1 clamp) COMPACT 630
87296215	INSERTS DIAM.400 MM (1 clamp) COMPACT 630
87296485	INSERTS DIAM.450 MM (1 clamp) COMPACT 630
87296785	INSERTS DIAM.500 MM (1 clamp) COMPACT 630
87297024	INSERTS DIAM.560 MM (1 clamp) COMPACT 630
87295664	THIN INSERTS DIAM.280 MM (1 clamp) COMPACT 630
87295692	THIN INSERTS DIAM.315 MM (1 clamp) COMPACT 630
87295950	THIN INSERTS DIAM.355 MM (1 clamp) COMPACT 630
87296216	THIN INSERTS DIAM.400 MM (1 clamp) COMPACT 630
87296486	THIN INSERTS DIAM.450 MM (1 clamp) COMPACT 630
87296786	THIN INSERTS DIAM.500 MM (1 clamp) COMPACT 630
87297025	THIN INSERTS DIAM.560 MM (1 clamp) COMPACT 630

