



Worldpoly1000 Hydra HF

Worldpoly1000 HF hydraulically operated butt-welding machine, suitable for welding PE pipes and fittings from 500 to 1000mm OD ISO (& optional ASTM) High Pressure Standards. The machine is the result of more than 60 consecutive years of direct involvement in the PE pipe industry, providing premium equipment for welding both on the work-site and in the factory. The use of virgin Aluminium castings and German hydraulic seals allows for lower weight without compromising strength and performance. Operation is via our portable wired console. This machine comes with high quality hinged steel main clamps & hydraulic open/close & locking. Includes Remote Monitoring System for on-line assistance; PLC control of temperature; time and pressure; on-board data logging and the ability to weld between clamps 2 & 3 or 3 & 4 making this an exceptionally versatile machine.

TECHNICAL SPECIFICATIONS

Welding range 500mm to 1000mm: SDR 11 to SDR17. 500 to 630 SDR 9 / alt 20" to 36" SDR 11. 22" & 24" SDR 9.

Complete and ready to weld.

Main frame includes 4 laser cut steel main clamps of 1000mm.

Main clamps hydraulically open / close and lock.

German hydraulic seals.

Electrohydraulic pump with controls, accumulator and quick release hoses. Includes countdown timers for heating and cooling phases.

Optional stub end device for welding end fittings.

Wired ready to accept Worldpoly or other data logger.

Tool box including tools, bolts etc.

400 volt 3 phase 50/60 Hz (33.4 kw, 50 A). Alt. 480 volt for North America.

Minimum generator required: 400 volt 43 KVA. Provide full machine details to generator supplier before purchase.

Weight 2,980kg (including stub device)

Total cylinder area: 43.60cm², maximum pump pressure 180 bar

Genuine 2 year International warranty.

Please note technical specifications of Worldpoly machines may change without notice