

Worldpoly2000 Trench LF

Worldpoly2000 LF hydraulically operated butt-welding machine suitable for PE and PP pipes and fittings from 1400mm to 2000mm OD. The standard machine welds at ISO 21307 Low Pressure, DVS 2207 and ANZ POP003 SLP, and has pressure, time and temperature PLC controlled, with on-board data logger. Manual open/close, hydraulic locking of main clamps. Hydra option provides hydraulic open/close locking main clamps, while the HP option allows welding at ISO 21307 Low Pressure and ANZ POP003 SLP. CNC tablet control of temperature, time and pressure with 20,000+ data logging. Excellent design and construction provide a premium machine for welding both on the worksite and in the factory. Welding can be carried out between clamps 3 & 4 for tees, bends and manifold work. All hydraulics are located on the main welding frame.



TECHNICAL SPECIFICATIONS

Welding range 2000mm to 1400mm, alternatively 80" IPS (2032mm OD) to 54" (1371.6 mm OD), SDR 33 to SDR 17

Hydraulic open/close/locking of main clamps

CNC welding control of temperature, time and pressure

Mobile tablet control

Removable cast Aluminium electric facing tool with current overload protection.

Removable cast Aluminium PTFE coated heating plate with electronic temperature control.

Stand for heating plate and facing tool.

On-board electrohydraulic pump with controls, accumulator and quick release hoses. Includes countdown timers for heating and cooling phases.

400 volt 50/60 Hz 3 phase, 84.5 KW 138 Amps. Other voltages on request.

Cylinder section 107.54 cm², 10,754 mm².

Please note technical specifications of Worldpoly machines may change without notice