



Worldpoly250 LF

Worldpoly250 hydraulically operated butt-welding machine suitable for PE and PP pipes and fittings from 50 to 250mm OD. Excellent design and construction provides a premium machine for welding both on the worksite and in the factory. The use of high quality pressure-cast Aluminium castings allows for lower weight without compromising strength and performance, while providing extra strength when welding out-of-round pipe. Welding can be carried out between clamps 3 & 4 for tees, bends and manifold work. Can be immediately integrated with optional data logger.



TECHNICAL SPECIFICATIONS

Welding range 50 to 250mm to SDR 9 (PN20) according to DVS 2207-1, ISO 21307 and POP003 low-pressure specifications.

Complete and ready to weld - Genuine 2 year warranty on parts

Included as standard (unless otherwise specified):

- Main frame, including 4 light weight pressure-cast alloy main clamps of 250mm diameter
- Removable cast Aluminium electric facing tool with current overload protection
- Electrohydraulic pump with controls, and quick release hoses. Includes countdown timers for heating and cooling phases
- PTFE coated heating plate with electronic temperature control (heating plate automatically separates from pipe ends after heating)
- Stand for heating plate and facing tool
- Tool box including tools, bolts, selected spare parts, etc
- German hydraulic seals
- Wired ready to accept Worldpoly or other data logger

Clamp options include (machine can be supplied with any combination of liner diameters):

- Layer clamps: 250x225, 225x200, 200x180, 180x160, 160x140, 140x125, 125x110, 110x90, 90x75, 75x63 & 63x50mm
- 2-piece liners: 250x225, 250x200, 250x180, 250x160, 160x140, 160x125, 160x110, 160x90, 160x75, 160x63, 160x50mm
- Narrow clamps: 250x225, 250x200, 250x180, 250x160, 250x140, 250x125, 250x110, 250x90, 250x75, 250x63 & 250x50mm

Optional stub end device for welding end fittings (available in aluminium or steel)

Optional wheeled trolley available

230 volt 50/60 Hz 1 phase (4.35 kw 15.6A)

Requires generator minimum 230 volt 5 KVA - provide full machine details to generator supplier before purchase

Total cylinder section 11 cm², maximum pump pressure 60 bar

Net weight 140 kg

Australia only - This machine is supplied tested & tagged with a 20amp plug

Please note technical specifications of Worldpoly machines may change without notice