



WP450 BUTT WELDING MACHINE



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Worldpoly450

Worldpoly450 hydraulically operated butt-welding machine suitable for PE and PP pipes and fittings from 200 to 450mm 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 and overhead electric crane.



TECHNICAL SPECIFICATIONS

Welding range 200 to 450mm: SDR 9 (PN20) to SDR 41 (PN4) according to DVS 2207-1, ISO 21307 and POP003 low-pressure specifications.

Complete and ready to weld.

CE approved by SGS www.sgs.com

German hydraulic seals.

Main frame includes 4 light weight pressure-cast alloy main clamps of 450mm diameter.

Machine can be supplied with any combination of liner diameters. Clamp options include:

Layer clamps: 450x400, 400x355, 355x315, 315x280, 280x250, 250x225, 225x200.

2-piece liners: 450x400, 450x355, 450x315, 450x280, 315x250, 315x225, 315x200.

Narrow clamps: 450x400, 450x355, 450x315, 450x280, 450x250, 450x225, 450x200.

Removable cast Aluminium PTFE coated heating plate with electronic temperature control. Heating plate automatically separates from pipe ends after heating.

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.

Stand for heating plate and facing tool.

Optional Aluminium or steel stub end device for welding end fittings, 250kg capacity crane assembly & wheeled trolley available

Tool box including tools, bolts etc.

Genuine 2 year international warranty.

Wired ready to accept Worldpoly or other data logger.

400V 3 phase 50 Hz (10.5 kw 18.4 A) alt 220 volt 50 hz (9.8 kw 22.9 A)

Minimum generator required: 400 volt 3 phase 11 KVA (alt 230 volt 1 phase 11 KVA). Provide full machine details to generator supplier before purchase.

Weight 776kg (including crane and stub device)

Total cylinder area: 22.36cm², maximum pump pressure 120 bar

Please note technical specifications of Worldpoly machines may change without notice