



Worldpoly355 HF

Worldpoly355 HF hydraulically operated HDPE pipe butt welding machine, suitable for HDPE pipes and fittings from 110 to 355mm OD, according to ISO / AUS-NZ SHP high force welding standards. Butt welding can be carried out between clamps 3 & 4 for tees, bends and manifold work, and the fusion machine can be immediately integrated with optional data logger. Able to cope with out-of-round pipe and less than perfect site conditions better than the Europeans, and with parts and service readily available, your Worldpoly355 HF poly pipe fusion machine will be providing excellent service for years, and completing welds faster than the competition. Worldpoly355 HF HDPE welding machine. When you want a polyethylene pipe fusion machine that will provide excellent HDPE welds for years, but don't want to pay a fortune.

TECHNICAL SPECIFICATIONS

Welding range 110 to 355mm: SDR 9 (PN20) to SDR 41 (PN4) according to DVS 2207-1, ISO 21307 and POP003 high and 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 355mm 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 and electric facing tool
- Stand for heating plate and facing tool.
- Tool box including tools, bolts, selected spare parts, etc
- Wired ready to accept Worldpoly or other data logger.

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

- 3-piece liners: 355x315, 315x280, 315x250, 315x225, 315x200, 315x180, 315x160, 250x140, 250x125 & 250x110
- 2-piece liners: 14" x 12", 14" x 10", 14" x 8", 8" x 6" & 8" x 4"
- Narrow clamps: 355x315, 355x280, 355x250, 355x225, 355x200, 355x180, 355x160, 355x140, 355x125 & 355x110

Optional steel stub end device for butt welding end fittings. Optional wheeled trolley available.

220 volt 50/60 Hz 1 phase, 6.9 KW, 28.65 A. Recommended generator minimum 8 KVA

Total cylinder area: 20cm² / 2000mm² (3.1 sq. inch), maximum pump pressure 120 bar

Net weight 236 kg / 520 lb

Please note technical specifications of Worldpoly machines may change without notice