



Worldpoly8 HF

High-pressure butt fusion according to ASTM F 2620 - 19. Worldpoly8 is a hydraulically operated butt-welding machine suitable for PE pipes and fittings from 3" to 8" IPS and DIPS according to ASTM requirements. Excellent Australian Engineered design and construction provides a premium machine for welding both on the worksite and in the factory. The use of high quality construction allows for lower weight without compromising strength and performance, while providing extra strength when welding out-of-round pipe. Significantly increased force is available for drag when welding pipe strings, or on difficult sites. Welding can be carried out between clamps 3 & 4 for tees, bends and manifold work, and the machine is pre-wired for immediate integration with optional data logger. Two-piece clamps are supplied for accurate long-term pipe alignment.

TECHNICAL SPECIFICATIONS

Welding range 3" to 8" IPS & DIPS: DR 9 (290 psi) to DR 26 according to ASTM F 2620 - 19 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):

- Two-piece IPS clamp inserts 8", 6", 4" & 3"
- Two-piece DIPS clamp inserts 8", 6", 4" & 3"

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

Optional wheeled trolley available

220 volt 1 ph. 60 Hz (3.0 kw 16A)

Requires generator minimum 220 volt single-phase 3.5 KVA - please provide full machine details to generator supplier before purchase

Total cylinder section 0.970"2, maximum pump pressure 2610 psi

Weight 344 lb

Please note technical specifications of Worldpoly machines may change without notice