



Worldpoly48 Hydra HF

Worldpoly48 Hydra HF CNC hydraulically operated high and low force butt-welding unit provides an ideal machine for butt welding PE pipes and fittings diameter 24" to 48" IPS. Welding operation is controlled by a hand-held tablet, allowing free movement and 20,000+ weld data logging. Entry of welding standard, pipe OD and SDR (or wall thickness) allows CNC control of temperature, time and pressure. Welding standards include ASTM F 2620, ISO 21307 Single High Force and Aust/NZ POP003 Single High Force. Hydraulic open/close/locking main clamps. 20,000+ weld data logging as standard. Welding can be carried out at low force between clamps 3 & 4 for tees, bends and manifold work. The result of more than 60 consecutive years of direct involvement in the PE pipe industry, Worldpoly provides premium equipment for welding both on the work-site and in the factory.

TECHNICAL SPECIFICATIONS

Welding range 24" to 48" IPS: DR 11 (PN16) to DR 41 (PN4). 24" to 30": DR 9 to DR 41

Complete and ready to weld.

Hydraulic open/close/locking main clamps.

Tablet controlled CNC operation. Choose welding standard, pipe OD and wall or SDR, the temperature, time and pressure are automatically controlled.

20,000+ weld data logging as standard.

IPS machine includes two-piece clamps (4 circles), including 48"x42", 42"x40", 40"x36", 36"x32", 32"x28", 28"x24".

Aluminium PTFE coated heating plate and electrically operated facing tool is hydraulically inserted and removed during welding operation.

Genuine 2 year international warranty.

Optional steel stub device for welding end fittings.

Tool box including tools, bolts etc.

400 volt 3 phase 50/60 Hz (30.6 kw, 47.6 A). Alt. 480 volt 3 phase 60 Hz.

Minimum generator required: 400 volt 3 phase 50 hz, 32 KVA. Provide full machine details to generator supplier before purchase.

Please note technical specifications of Worldpoly machines may change without notice