



Worldpoly63 HF

Worldpoly63 HF hydraulically operated butt-welding machine suitable for HDPE pipes and fittings from 36" to 63" OD. Simple operation is CNC via the provided tablet, requiring only entry of the welding standard, pipe OD and SDR. Pressure, time and temperature are then controlled automatically. Includes 20,000+ data logging. Hydraulic open / close / locking of main clamps. Immediately welds according to ASTM & ISO high force Standards. Excellent design and construction provide a premium machine for welding both on the worksite and in the factory. Welding can be carried out between clamps 3 & 4 for tees, bends and manifold work. All hydraulics are located on the main welding frame.

TECHNICAL SPECIFICATIONS

Welding range 36" to 63" IPS to DR 9 with optional clamp inserts

Genuine 2 year international warranty

Tablet controlled CNC operation. Enter welding standard, pipe OD and SDR, then time, temperature and pressure are automatically controlled
20,000+ weld data logging

Optional two-piece clamp inserts: 63", 54", 48", 42", 40" & 36" IPS, and 60", 54", 48" & 42" & 36" DIPS

Heating plate is automatically separated from the pipe at the end of the heating cycle

Electrohydraulic pump with controls and accumulator are mounted on the main frame. Includes countdown timers for heating and cooling phases

Removable steel electric facing tool with current overload protection

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

Stand for heating plate and facing tool

Tool box including tools, bolts etc.

400 volt 50/60 Hz 3 phase (66 kw 107 A) alt 440 volt 3 phase 60 hz

Minimum generator 400 volt 80 kVA. Check with your generator supplier for suitability

Total cylinder section: optional 68.7 cm² or 95.4 cm²

Please note technical specifications of Worldpoly machines may change without notice