



PolyForce36i Tracked

Arguably the fastest, safest, most consistent butt welding machine manufactured in Australia. Thanks to 5 years of research and development, coupled with Worldpolys' 60 years of PE pipeline experience the PolyForce36i ensures consistent butt welding. Get complete control over welding by virtually removing all operator variables with intuitive electronics and mobile hydraulic technology.

TECHNICAL SPECIFICATIONS

PolyForce36i Australian Engineered Butt Welding Machine, including on-board hydraulic pump, controls, hydraulically movable facing tool and heating plate, hydraulic open/close/locking of pipe clamps

Welding operation by CNC, includes 20,000 weld data logging.

Genuine 3 year international warranty on all parts

4 circles of IPS layer clamps, including 36" DIPS, 36", 30", 24" & 18" IPS unless otherwise specified

Easily able to weld between clamps 3 and 4 for tight fittings and fabrications.

Entire welding frame with 4 clamps and complete hydraulic system easily removed for trench work, allowing accurate alignment.

Overhead lifting points.

Includes two-piece reducing liners to weld pipe within the complete specified range:

Hydraulic open/close/locking of pipe clamps with clamp crash protection, and no operator contact during operation.

Hydraulically lifted Aluminium PTFE coated heating plate with electronic temperature control and insulated cover.

Hydraulically lifted and electrically operated dual-chain Aluminium electric facing tool, with current overload protection.

High quality and remotely serviceable electro-hydraulic pump, PLC, valves and controls.

Yanmar Tier 4 Final diesel powered

Intuitive modular controls located in convenient operator position include:

Pipe clamps open, close and lock without operator contact. Ideal for Occupational Health and Safety requirements.

2 x Cat3 Emergency stops.

External hydraulic pipe lifters front and rear.

Tool box including spare blades, thermocouple, temperature controller, tools etc

In-trench welding kit available on request at additional cost

Cylinder section 12,922 mm² / 200.2 inch². Optional cylinders available with increased force, or decreased if welding thin wall pipes.

Maximum pump pressure 250 bar / 3625 psi

Please note technical specifications of Worldpoly machines may change without notice. Please confirm at time of order.