



### PolyForce24i 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 PolyForce24i ensures consistent butt welding. Get complete control over welding by virtually removing all operator variables with intuitive electronics and mobile hydraulic technology.

#### TECHNICAL SPECIFICATIONS

Capacity 250 to 630mm. Includes two-piece clamp inserts for pipe and fittings diameters 630, 500, 450, 400, 355, 315, 280 and 250mm are included unless otherwise confirmed

Track mounted. Self contained and self propelled with cordless remote and data logging

Genuine 3 year International warranty

CNC welding according to ISO 21307 Single High Pressure

Hydraulic in/out facing tool and heating plate with crash protection. No longer are these considered consumables

Hydraulic open/close/locking of main clamps without operator contact. Impossible to crash main clamps with facing tool and heating plate.

Simple operation. Automatic or manual butt fusion. 20,000+ weld data logging included. 3.5 second changeover time for 630mm (24") SDR 11 in Automatic mode

Locally serviceable.

Pipe clamps prevent slippage even under extreme conditions, which is detected by the machine in case of undersized pipe

External hydraulic pipe lifters front and rear for operator safety

Industry Standard track assembly, Bridgestone specification rubber tracks, two-speed, automatic braking when stopped

Butt welding unit easily removed for site and trench work

Australian made, built tough, locally serviceable, low-noise. Just what you've been looking for

Welded steel machine frame and two-speed rubber tracked base

Rated lifting points on welding machine and frame, optional spreader bar

Maximum pump operating pressure - 200 bar / 20 MPa

Total cylinder section - 3660mm<sup>2</sup>, 7200mm<sup>2</sup> or 13,000mm<sup>2</sup>

Engine - Yanmar 2216 cc, 4 cylinder, 70 litres, 1800 RPM low-noise diesel lasts 12 hours under normal conditions. Tier 4 for North America.

Weight - 3800 kg