



## PolyForce630i Tracked

**Worldpoly PolyForce630i Tracked Fusion Machine. Designed and manufactured in Australia.**

**Arguably the fastest, safest, most consistent butt welding machine available. Thanks to years of research and development and Worldpolys' 60 years of PE pipeline experience, every weld is the same. PolyForce630i Tracked gives you complete control over welding by virtually removing operator variables.**

**The standard machine includes:**

**Safety as first priority.**

**Two speed rubber tracks with cordless remote control.**

**Complete set of two-piece liners including ISO 630, 560, 500, 450, 400, 355, 315, 280 & 250mm or IPS 24", 22", 20", 18", 16", 14", 12" & 10".**

**External pipe lifters and multiple safety-stops for operator safety.**

**Facing tool, heating plate and main clamps cannot crash.**

**On-board data logging.**

**Hands-free clamping of pipe.**

**Low-noise 1800 RPM diesel.**

**Cordless remote.**

**PolyForce machines have 8 years of experience in Australia's heat and dust.**

## TECHNICAL SPECIFICATIONS

Capacity 250mm to 630mm OD. 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

Genuine 3 year International warranty

CNC welding according to ISO 21307-17 Single High Pressure & ASTM F-2620

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

Australian made and 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

Welded steel machine frame and tracked base with 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. Tier 4 for North America.

Weight - 3800 kg