



PF630AT CNC BUTT WELDING MACHINE



Freephone: 0800 473 100 Freefax: 0800 767 190
Email: sales@upg.net.nz www.upg.net.nz



PolyForce630/24 CNC AllTerrain

Worldpoly PolyForce630/24 CNC AllTerrain Fusion Machine. Manufactured in Australia. Arguably the fastest, safest, most consistent butt welding machine available. Thanks to 3 years of research and development with Bosch Rexroth and Worldpolys' 50+ years of PE pipeline experience, every weld is the same. PolyForce630/24 CNC gives you complete control over welding by virtually removing operator variables. Provides both high and low pressure welding to ASTM, ISO, Australian/New Zealand, DVS, WIS and Fast Weld. Fast Fusion compatible. Fully automatic heating, changeover and cooling cycle following entry of welding standard, pipe diameter and wall thickness or SDR, automatic detection of pipe slippage, hands-free hydraulic open/close/locking of main clamps. Heavy duty all-terrain trolley with offset steering for pipeline use and disc brakes. Intuitive CNC controls easier to use than a smart-phone. Impossible to crash clamps with facing tool or heating plate. 5 second automatic changeover after heating. The safest machine on the market with keyed hydraulic lockout and Cat-3 E-stops, restricted operator entry to potential danger zones. External pipe lifters. Internal 20,000 weld data logger. Provides the ability to collect and communicate data externally, including GPS, GSM, Satellite and remote monitoring. This is today's way to weld PE and PP pipe systems from 630mm to 225mm, or 24" to 8". Today's fusion machine to take your business to the next level.

TECHNICAL SPECIFICATIONS

PolyForce630/24 AllTerrain - Manufactured in Australia

Genuine 5 year international warranty

All-terrain heavy duty wheeled base

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

Simple operation. Automatic or manual. 20,000+ weld data logging as standard

Bosch Rexroth hydraulics and controls for highest quality and local serviceability

Pipe clamps prevent slippage even under extreme conditions. PLC automatically measures drag, and detects slippage

External hydraulic pipe lifters front and rear

Self-contained welding unit easily removed for site and trench work

Built tough, locally serviceable. Just what you've been looking for

Capacity 255 to 630mm ISO / 8" to 24" IPS. Two-piece or layer clamp inserts for pipe and fittings diameters 630, 560, 500, 450, 400, 355, 315, 280, 250 & 225mm, and stub device, are included.

Welded steel machine frame and heavy duty wheeled base

Disk brakes.

Rated lifting points on welding machine and frame

Maximum pump operating pressure - 200 bar / 20 MPa

Total cylinder section - 3660mm²

Weight - 1800 kg

Technical specifications subject to change without notice. Please check at time of order confirmation.