AUSTRALIAN ENGINEERED FOR A TOUGH WORLD

WORLDPOLY

POLYETHYLENE PIPE WELDING EQUIPMENT

PolyForce1000e Tracked

Worldpoly PolyForce1000e Tracked. Australian Made high pressure tracked butt welding machine featuring safety, speed, consistency and ease of use. Intuitive operation using modern rugged electronics providing hydraulic open/close/hands-free locking of main clamps, hydraulic in/out of heating plate and facing tool, external pipe lifters, multiple safety-stops and operator prompts. Low-noise Yanmar diesel provides long operating hours. Two-speed rubber tracks with cordless remote control.

TECHNICAL SPECIFICATIONS

PolyForce1000e Tracked HDPE Fusion Machine - Australian Made

Track mounted, self contained and self propelled Wireless remote control included as standard

Hydraulic in/out facing tool and heating plate

Hydraulic open/close/locking of main clamps without operator contact

Yanmar on-board low-noise low fuel consumption diesel or optional Tier 4 Final

Simple operation, including data logging

Pipe clamps prevent slippage even under extreme conditions

External hydraulic pipe lifters front and rear

Long operating time thanks to engine control system and low RPM

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

Capacity 500 to 1000mm OD. Two-piece clamp inserts for pipe and fittings diameters 1000, 900, 800, 710, 630, 560 & 500mm, and stub device for short-spigot stub flange fittings are included

Electric start with engine management system

Welded steel machine frame and tracked base

Rubber track assembly is two-speed, 30+ degree capacity, automatic braking when stop

Maximum pump operating pressure - 205 bar / 20 MPa / 2970 psi

Weight - 6500 kg / 14300 lb., low center of gravity,

Suitable for road transport without removal of welding frame. Drives into a standard container

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

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