
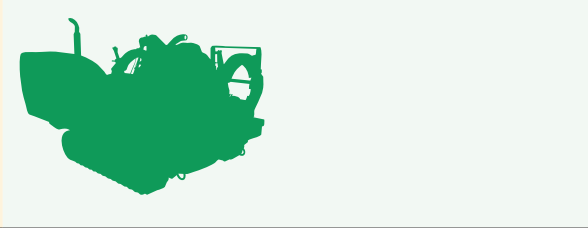




COMPARE POLYFORCE630 SPECIFICATIONS

MODEL	WORLDPOLY POLYFORCE630 TRACK	MCELROY TRACSTAR® 630
		
CAPACITY		
Fuses pipe sizes	315-630mm OD pipe (12" IPS - 24") Optional 225-630mm OD pipe (8" IPS - 24")	225-630mm OD pipe (8" IPS - 24")
WEIGHT		
Machine	3,200kg	3,900kg
Carriage	1,200kg	1,720kg
Facer	98kg	177kg
Heater	34kg	109kg
DIMENSIONS		
W x L x H (mm)	2250 x 2832 x 2150mm	2591 x 3607 x 2159mm
Container Width	Drive straight into container	Must be disassembled for container transportation
HYDRAULICS		
System Pressure	200 Bar Max	157.58 Bar Max
Hydraulic Reservoir Capacity	70 Litres	45 Liters
ELECTRICAL		
Input	None, self-contained	None, self-contained
ENGINE		
Engine Type	Perkins 30 HP, 2216cc, 4 cylinder	84.5 HP, 3600cc, 4-cylinder turbo
Fuel Type	Diesel	Diesel
Fuel Tank Capacity	70L	87L
Operational Tank Capacity	20+ Hours	17 Hours
Starting System	Electric	Electric
SOUND		
	65 dB at operator position No hearing protection required on Australian worksites	Not published on McElroy web site as at 22 Feb 2015 Hearing protection required on Australian worksites
POWER		
Heater Power	11Kw	10.95Kw
Facer Power	1.8Kw, PLC controlled for optimum performance	Hydraulic
CHASSIS		
Frame	Welded steel construction	Welded steel construction
Brake	Self-locking	Self-locking
MOBILITY		
Tyres	Italian track assembly, Bridgestone rubber, three-speed, 30+ degree capacity, automatic braking when stopped	Rubber crawler tracks, two-speed, maximum 30 degree capacity
Transportation	Self-propelled	Self-propelled
Vehicle Speed	3 speed - Low 1.69kph, med 2.5kph, high 3.3kph	2 speed - Low 1.67kph, high 2.7kph
Lifting	Lift points and lifting assembly	Lift points and lifting assembly
WARRANTY		
Term	5 years	5 Years

Comparison data was sourced from the McElroy website (http://www.mcelroy.com/fusion/no824/spec_tracked.htm) & TracStar630® Operator's Manual (http://fusion.mcelroy.com/parts_finder/documents/3816.pdf?-1381141976). The chart is a non-biased comparison and the details are assumed to be correct to the best of our knowledge as of 10/03/2015. Technical specifications of both machines may change at anytime without notice.

COMPARE POLYFORCE630 ADVANCED TECHNOLOGY

FEATURES	WORLDPOLY POLYFORCE630 TRACK	MCELROY TRACSTAR® 630
		
Self-contained, self-propelled, all-terrain	●	●
Removable 3- or 4-jaw carriage for close quarter use	●	●
Dual hydraulic pipe lifts		●
Dual hydraulic pipe lifts, both external	●	
Automatic version available		●
Automatic version standard	●	
Operator must manually determine drag pressure		●
Drag pressure automatically measured	●	
Welding pressure and times must be manually calculated. Automatic version available at extra cost.		●
Automatic temperature, time, pressure, drag, heating, changeover	●	
Bosch Rexroth Mobile PLC, as used in underground rock drills	●	
Removable from tracked base	●	●
Extension kit is required at additional cost when using the carriage remotely		●
Extension cable required, included as standard	●	
DataLogger® compatible		●
Integrated data logger with 10,000+ weld memory and 5 GB memory as standard	●	
Cat3 E-Stops on welder and carriage as standard	●	
Self-locking brakes	●	●
Tracked base 30 degree capacity		●
Tracked base 30+ degree capacity	●	
On-board generator for powering heater	●	●
Hearing protection not required on Australian worksites	●	
17+ hours operational fuel tank capacity		●
20+ hours operational fuel tank capacity	●	
Dual Speed Tracks		●
Three Speed Tracks	●	
Patented Centerline Guidance System for equal distribution of force around the joint		●
Clamping and alignment according to ISO 12176-1-2012	●	●
Serrated jaws and inserts keep pipe from slipping during fusion	●	●
Programming in place to prevent damage between the clamps and facing/heating tools	●	
Possible to drop the clamping cylinders and damage the equipment		●
Operator contact with clamps during welding cycle		●
Powerful hydraulic facer for facing the toughest pipe with ease	●	●
Powerful PLC controlled facing tool	●	
Advanced Blade Design for smooth face and long life	●	●
Heater and facer can be easily converted to top loading for confined spaces		●
Wireless Remote Control ensures safe efficient working environment and precise machine placement	●	●
Wireless Remote Control with tilt cut-off, dual frequency and ISO / Australian approval	●	
Original industry standard for hydraulic control systems		●
Current technology Bosch Rexroth internationally serviceable hydraulic fittings and mobile PLC control system	●	
Highly productive, easily articulated fusion platform	●	●
ISO-compliant industrial Teflon-coated heater plates		●
Capable of welding all of the following: ISO High and Low force. POP003 High and Low force. US Low and Medium force. DVS. WIS Dual Dressure and Fast Weld	●	
Single dedicated control panel		●
Dual operated prescense control (OPC) switch as standard	●	
Welding between clamps 3 & 4	●	
Optional GPS, GSM, Satellite and Bluetooth capability, automatic site document population capable, asset management compatibility	●	

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