

TRACSTAR® 500 SERIES 3 - 20" CARRIAGE

6" IPS - 20" OD (160MM - 500MM)



McElroy's TracStar® 500 Series 3 will butt fuse pipe sizes from 6" IPS to 20" OD (160mm – 500mm). In 1997, the TracStar 500 debuted as the world's first self-contained, self-propelled, all-terrain fusion machine. Considered the flagship McElroy fusion machine, the success of the TracStar 500 spawned the entire TracStar line of fusion equipment.

The TracStar 500 Series 3 features a facer and heater that are indexer-mounted and powered by the machine. A new economy engine throttle setting is standard to help conserve fuel. Hydraulic Clamping and Automatic machine versions are available.

ADDITIONAL IMAGES



MADE FOR

UNDERGROUND
CONSTRUCTION



STANDARD FEATURES

- ✓ Heater and facer mounted on and powered by the TracStar 500 Series 3
- ✓ High, low and auto throttle settings
- ✓ Hydraulic Clamping available
- ✓ One heater covers entire range of pipe fusion sizes
- ✓ Thicker heater body and butt plates for better temperature distribution
- ✓ Patented Centerline Guidance System for equal distribution of force around the joint
- ✓ 11+ hours operational fuel tank capacity
- ✓ ISO-compliant industrial Teflon-coated plates
- ✓ Dual hydraulic pipe lifts
- ✓ DataLogger® compatible
- ✓ Dual speed tracks
- ✓ Removable 3- or 4-jaw carriage for in-ditch use



DataLogger
COMPATIBLE

SEE SECOND PAGE FOR DETAILED SPECIFICATIONS

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SPECIFICATIONS

MODELS		ENGINE		MACHINE DIMENSIONS	
AT5000110	Medium Force, 20" Carriage	Engine Horse Power	23.5 HP	Machine Length	95" (2,413mm)
WEIGHTS		Engine Cooling	Liquid Cooling	Machine Width	68" (1,727.2mm)
Machine	3,123 lbs. (1,416.6 Kg)	Engine Fuel Type	Diesel	Machine Height	51" (1,295.4mm)
Vehicle	2,212 lbs. (1,003.3 Kg)	Engine Fuel Tank Capacity	11 Gallons (41.6 Liters)	CARRIAGE DIMENSIONS	
Carriage	3-Jaw - 365 lbs. (165.6 Kg) 4-Jaw - 750 lbs. (340.2 Kg)	Engine Operational Fuel Tank Capacity	11 Hours	Length	3-Jaw - 35.6" (904.2mm) 4-Jaw - 47.7" (1,211.6mm)
Spreader Bar	37 lbs. (16.8 Kg)	Engine Starting System	Electric	Width	3-Jaw - 38.1" (967.7mm) 4-Jaw - 43.5" (1,104.9mm)
Heater	63 lbs. (28.6 Kg)			Height	3-Jaw - 33" (838.2mm) 4-Jaw - 34" (863.6mm)
Facer	98 lbs. (44.5 Kg)			SHIPPING DIMENSIONS	
Shipping Weight	3,850 lbs. (1,746.3 Kg)			Length	72" (1,828.8 mm)
HYDRAULICS		POWER		Width	91" (2,311.4 mm)
System Pressure	2,300 PSI (158.6 BAR)	Heater	220-240V, 5,000 Watts, 50 / 60 Hz, 1 Ph	Height	64" (1,625.6 mm)
Fusion Pressure	2,300 PSI (158.6 BAR)	Facer		INCLUDES	
Hydraulic Reservoir Capacity	12 Gallons (45.4 Liters)	Facer	Hydraulic	Standard machine with operator-controlled fusion processes designed to meet regulations in the US and similar markets.	
		CHASSIS		Includes: Fusion machine, facer, 6" IPS to 20" OD heater, and lifting assembly.	
		Frame	Welded steel construction		
		Brake	Self-locking		
		MOBILITY			
		Mobility Type	Rubber crawler tracks		
		Transportation	Self-propelled		
		Vehicle Speed	2.1 MPH		
		Lifting	Lift points and lifting assembly		
		Starting System	Electric		