

# TRACSTAR® 500 SERIES 3 - 500MM CARRIAGE

160MM - 500MM (12" - 20")



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	
<a href="#">AT5000111</a>	Medium Force, 500mm 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)	CARRIAGE DIMENSIONS			
Carriage	<b>4-Jaw</b> - 740 lbs. (335.7 Kg) <b>3-Jaw</b> - 355 lbs. (161 Kg)	Engine Fuel Tank Capacity	11 Gallons (41.6 Liters)	Length	<b>4-Jaw</b> - 47.7" (1,211.6mm) <b>3-Jaw</b> - 35.6" (904.2mm)
Spreader Bar	37 lbs. (16.8 Kg)	Engine Operational Fuel Tank Capacity	11 Hours	Width	<b>4-Jaw</b> - 43.5" (1,104.9mm) <b>3-Jaw</b> - 38.1" (967.7mm)
Heater	63 lbs. (28.6 Kg)	Engine Starting System	Electric	Height	<b>4-Jaw</b> - 34" (863.6mm) <b>3-Jaw</b> - 33" (838.2mm)
Facer	98 lbs. (44.5 Kg)	SHIPPING DIMENSIONS			
Shipping Weight	3,850 lbs. (1,746.3 Kg)	POWER		Length	72" (1,828.8 mm)
HYDRAULICS		Heater	220-240V, 5,000 Watts, 50 / 60 Hz, 1 Ph	Width	91" (2,311.4 mm)
System Pressure	2,300 PSI (158.6 BAR)	Facer		Height	64" (1,625.6 mm)
Fusion Pressure	2,300 PSI (158.6 BAR)	CHASSIS		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. <b>Includes:</b> Fusion machine, facer, 6" IPS to 20" OD heater, and lifting assembly.	
		MOBILITY			
		Frame	Welded steel construction		
		Brake	Self-locking		
		Mobility Type	Rubber crawler tracks		
		Transportation	Self-propelled		
		Vehicle Speed	2.1 MPH		
		Lifting	Lift points and lifting assembly		
		Starting System	Electric		