

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



McELROY

TRACSTAR® 500 SERIES 3 - 20" CARRIAGE

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

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)	CARRIAGE DIMENSIONS			
Carriage	4-Jaw - 750 lbs. (340.2 Kg) 3-Jaw - 365 lbs. (165.6 Kg)	Engine Fuel Tank Capacity	11 Gallons (41.6 Liters)	Length	4-Jaw - 47.7" (1,211.6mm) 3-Jaw - 35.6" (904.2 mm)
Spreader Bar	37 lbs. (16.8 Kg)	Engine Operational Fuel Tank Capacity	11 Hours	Width	4-Jaw - 43.5" (1,104.9mm) 3-Jaw - 38.1" (967.7 mm)
Heater	63 lbs. (28.6 Kg)	Engine Starting System	Electric	Height	4-Jaw - 34" (863.6mm) 3-Jaw - 33" (838.2mm)
Facer	98 lbs. (44.5 Kg)	POWER		SHIPPING DIMENSIONS	
Shipping Weight	3,850 lbs. (1,746.3 Kg)	Heater	220-240V, 5,000 Watts, 50 / 60 Hz, 1 Ph	Length	72" (1,828.8 mm)
HYDRAULICS		Facer	Hydraulic	Width	91" (2,311.4 mm)
System Pressure	2,300 PSI (158.6 BAR)	CHASSIS		Height	64" (1,625.6 mm)
Fusion Pressure	2,300 PSI (158.6 BAR)	Frame	Welded steel construction	INCLUDES	
Hydraulic Reservoir Capacity	12 Gallons (45.4 Liters)	Brake	Self-locking	Fusion machine, facer, 6" IPS to 20" OD heater, and lifting assembly.	
		MOBILITY			
		Mobility Type	Rubber crawler tracks		
		Transportation	Self-propelled		
		Vehicle Speed	2.1 MPH		
		Lifting	Lift points and lifting assembly		
		Starting System	Electric		