TRACSTAR® 500 SERIES 3

Fusion Capability for 6" IPS to 20" OD (180mm - 500mm)



OVERVIEW

McElroy's **TracStar® 500 Series 3** will but fuse pipe sizes from 6" IPS to 20" OD (180mm – 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 indexermounted 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.

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

SPECIFICATIONS

CAPACITY

TRACKED MODELS WITH HYDRAULIC CLAMPING

TRACKED MODELS WITHOUT HYDRAULIC CLAMPING

ATS000110NHC: 20" Carriage w/Medium Cylinder Force, On-Board Generator, Self-Contained Diesel Power
ATS000111NHC: 500mm Carriage w/Medium Cylinder Force, On-Board Generator, Self-Contained Diesel Power

*Machine weights are with fluids full.

Machine:	3,123 lbs. (1,417 Kg)
Automatic Machine:	3,183 lbs. (1,444 Kg)
4-Jaw Carriage Configuration:	750 lbs. (340.2 Kg)
Automatic 4-Jaw Carriage Configuration:	740 lbs. (335.7 Kg)
3-Jaw Carriage Configuration:	365 lbs. (165.6 Kg)
Automatic 3-Jaw Carriage Configuration:	355 lbs. (161 Kg)
Facer:	
6" IPS to 20" OD Heater:	63 lbs. (28.6 Kg)

HYDRAULICS

System Pressure:	2,300 PSI (157.6 BAR) Max
Hydraulic Reservoir Capacity:	12 Gallons (45.4 Liters)

ENGINE

Engine Type:	23.5 HP, 1001cc, 3-Cylinder Liquid Cooled
Fuel Type:	Diesel
Fuel Tank Capacity:	11 Gallons (41.6 Liters)
Operational Tank Capacity (with economy throttle use):	11 Hours
Starting System:	Electric

ELECTRICAL

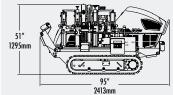
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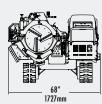
CHASSIS

Frame:	Welded steel	constructio

MOBILITY

Tracked:	Rubber crawler track
Transportation:	Self-propelle
Vehicle Speed:	Low 1.18 MPH/High 2.1 MPI
Lifting:	Lift points and lifting assembl





TRACSTAR & AUTOMATIC TRACSTAR 500 SERIES 3

INCLUSIONS

The TracStar 500 Series 3 includes fusion machine, facer, 6" IPS to 20" OD heater, and lifting assembly. Optional heater/facer stand sold separately. Specifications subject to change without notice.

