

TRACSTAR® 500 SERIES 3

Fusion Capability for 6" IPS to 20" OD (160mm - 500mm)



OVERVIEW

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.

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

Fuses Pipe Sizes: 6" IPS – 20" OD (160mm – 500mm)

TRACKED MODELS WITH HYDRAULIC CLAMPING

AT5000110: 20" Carriage w/Medium Cylinder Force, On-Board Generator, Self-Contained Diesel

AT5000111: 500mm Carriage w/Medium Cylinder Force, On-Board Generator, Self-Contained Diesel

TRACKED MODELS WITHOUT HYDRAULIC CLAMPING

AT5000110NHC: 20" Carriage w/Medium Cylinder Force, On-Board Generator, Self-Contained Diesel

AT5000111NHC: 500mm Carriage w/Medium Cylinder Force, On-Board Generator, Self-Contained Diesel

WEIGHT*

*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: 98 lbs (44.5 Kg)

6" IPS to 20" OD Heater: 63 lbs (28.6 Kg)

HYDRAULICS

Maximum System Pressure: 2,300 PSI (157.6 BAR)

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

Input: None, self-contained

POWER

Heater Power: 5,000 Watt

Facer Power: Hydraulic

CHASSIS

Frame: Welded steel construction

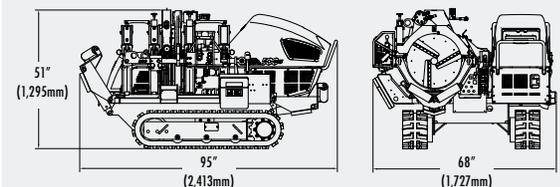
MOBILITY

Tracked: Rubber crawler tracks

Transportation: Self-propelled

Vehicle Speed: Low 1.18 MPH/High 2.1 MPH

Lifting: Lift points and lifting assembly



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.