

# TRACSTAR® 500 SERIES 3

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



TracStar 500 Series 3



## OVERVIEW

McElroy's TracStar® 500 Series 3 will butt 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 indexer-mounted and powered by the machine. Hydraulic clamping is a standard feature, as well as an economy engine throttle setting that helps conserve fuel. An Automatic version is also available.

## FEATURES

- Heater and facer mounted on and powered by the TracStar 500 Series 3
- High, low and auto throttle settings
- Hydraulic Clamping comes standard
- 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 (180mm - 500mm)

### TRACKED MODELS

AT5000110:.....20" Carriage with Medium Cylinder Force, On-Board Generator, Self-Contained Diesel Power

AT5000111:.....500mm Carriage with Medium Cylinder Force, On-Board Generator, Self-Contained Diesel Power

### AUTOMATIC TRACKED MODELS

AT5036105:.....20" Carriage with Medium Cylinder Force, On-Board Generator, Self-Contained Diesel Power

AT5036106:.....500mm Carriage with Medium Cylinder Force, On-Board Generator, Self-Contained Diesel Power

### WEIGHT\*

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)

\*Machine weights are with fluids full.

### HYDRAULICS

System Pressure:.....2,300 PSI (157.6 BAR) Max

Hydraulic Reservoir Capacity:.....12 Gallons (45.4 Liters)

### ENGINE

Engine Type:.....23.5 HP, 1001 cc, 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

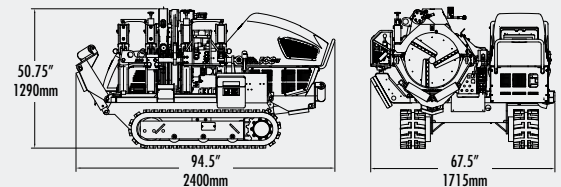
### MOBILITY

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.

