

# TRACSTAR® 500 SERIES II

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



TracStar 500

## OVERVIEW

McElroy's TracStar® 500 was the first fusion machine in the world to be mounted on a track system, making it mobile in almost any terrain. Considered the flagship of McElroy machines, its success spawned the entire line of TracStar fusion equipment.

The TracStar 500 Series II is a self-contained, self-propelled, all-terrain fusion machine capable of butt fusion of 6" IPS to 20" OD (180mm to 500mm) pipe sizes.

Also available is the Automated TracStar 500 that guides the operator through a step-by-step procedure for fusing pipe. The automated option offers automated control over the heat, soak, fuse, and cool cycles of the fusion process. A hydraulic clamping kits is available for all TracStar 500s.

## FEATURES

- Patented Centerline Guidance System for equal distribution of force around the joint
- Original industry standard for hydraulic control systems
- ISO-compliant industrial Teflon-coated plates
- Dual hydraulic pipe lifts
- DataLogger® compatible
- Dual speed tracks
- Fits in a standard long bed truck
- Removable 3- or 4-jaw carriage for in-ditch use
- 8+ hours operational fuel tank capacity
- Serrated jaws and inserts keep pipe from slipping during fusion
- Hydraulic facer for facing the heaviest pipe walls with ease

## SPECIFICATIONS

### CAPACITY

Fuses Pipe Sizes:.....6" IPS – 20" OD (180mm – 500mm)

### TRACKED MODELS

AT5000106:.....20" Carriage with Medium Cylinder Force, On-Board Generator, Self-Contained Diesel Power

AT5000108:.....500mm Carriage with Medium Cylinder Force, On-Board Generator, Self-Contained Diesel Power

### AUTOMATED TRACKED MODELS

AT5036104:.....20" Carriage with Medium Cylinder Force, On-Board Generator, Self-Contained Diesel Power

AT5036103:.....500mm Carriage with Medium Cylinder Force, On-Board Generator, Self-Contained Diesel Power

### WEIGHT

Machine:.....2,700 lbs. (1,225 Kg)

4-Jaw Carriage Configuration:.....390 lbs. (176.9 Kg)

3-Jaw Carriage Configuration:.....289 lbs. (131.1 Kg)

Facer:.....84 lbs. (39.1 Kg)

6" IPS to 12" DIPS Heater:.....28 lbs. (13 Kg)

12" IPS to 20" OD Heater:.....39 lbs. (17.7 Kg)

### HYDRAULICS

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

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

### ENGINE

Engine Type:.....23 HP, 905cc, 3-Cylinder Liquid Cooled

Fuel Type:.....Diesel

Fuel Tank Capacity:.....11 Gallons (41.6 Liters)

Operational Tank Capacity:.....8 Hours

Starting System:.....Electric

### ELECTRICAL

Input:.....None, self-contained

### POWER

Heater Power:.....4,000 Watt

Facer Power:.....Hydraulic

### CHASSIS

Frame:.....Welded steel construction

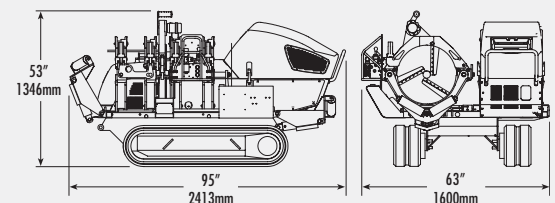
### MOBILITY

Tracked:.....Rubber crawler tracks

Transportation:.....Self-propelled

Vehicle Speed:.....Low 1.8 MPH/High 2.1 MPH

Lifting:.....Lift points and lifting assembly



TRACSTAR & AUTOMATED TRACSTAR 500

### INCLUSIONS

The TracStar 500 includes fusion machine, facer, 12" IPS to 20" OD heater, insulated heater stand, and lifting assembly. Optional heater/facer stand sold separately. A hydraulic clamping kit is available for all TracStar 500 models. To purchase a machine equipped with hydraulic clamping, add "HC" to the end of the part number. Specifications subject to change without notice.

