

# TRACSTAR<sup>®</sup> 500 SERIES 3

Fusion Capability for 315mm – 500mm (12"-20") Polypropylene Pipe



## OVERVIEW

McElroy's **TracStar 500 Series 3** will butt fuse polypropylene pipe sizes from 315mm to 500mm (12"-20"). The TracStar 500 offers many of the benefits of McElroy's most powerful MegaMc<sup>®</sup> fusion machines.

The TracStar 500 Series 3 features a facer and heater that are indexer-mounted and powered by the machine. Hydraulic clamping is standard along with an economy engine throttle setting that helps conserve fuel.

The TracStar 500 incorporates a 4-jaw carriage that can be easily removed for polypropylene fusion operations remote from the vehicle. For installations in limited space, the outer fixed jaw and skid can be removed from the carriage, converting it to a 3-jaw carriage for an even more compact fusion unit.

## FEATURES

- 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 even temperature distribution
- McElroy's patented Center Line Guidance system delivers equal distribution of force around the pipe ends
- ISO-compliant industrial Teflon-coated heater plates
- Dual hydraulic pipe lifts
- DataLogger<sup>®</sup> compatible
- Dual speed tracks
- Precision microprocessor-controlled heater
- Easily configurable 3- or 4-jaw carriage

## SPECIFICATIONS

### CAPACITY

Fuses Pipe Sizes: ..... 315mm – 500mm (12"-20")

### TRACKED MODELS

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

### WEIGHT

Machine: ..... 3,123 lbs. (1,417 Kg)

4-Jaw Carriage Configuration: ..... 750 lbs. (340.2 Kg)

3-Jaw Carriage Configuration: ..... 365 lbs. (165.6 Kg)

Facer: ..... 98 lbs. (44.5 Kg)

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

### HYDRAULICS

Max Gauge Pressure: ..... 800 PSI (55.16 BAR)

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

### ENGINE

Engine Type: ..... 23.5 HP, 100lcc, 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

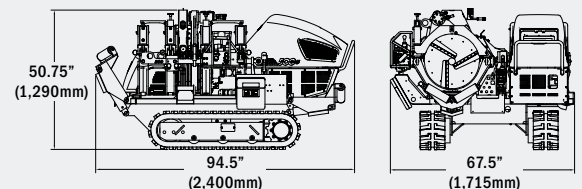
### MOBILITY

Tracked: ..... Rubber crawler tracks

Transportation: ..... Self-propelled

Vehicle Speed: ..... Low 1.18 MPH/High 2.1 MPH

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



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### INCLUSIONS

The TracStar 500 Series 3 packages include fusion machine, facer, 6" to 20" heater, and lifting assembly. Specifications subject to change without notice.

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