

TRACSTAR® 500 SERIES 3 AUTOMATIC

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

TracStar 500 Series 3 Automatic



OVERVIEW

McElroy's TracStar® 500 Series 3 Automatic will butt fuse pipe sizes from 180mm — 500mm (6" IPS to 20" OD). The latest TracStar features a facer and heater that are indexer-mounted and powered by the machine. A redesigned hydraulic control system provides quick and responsive movements to all manual controls, as well as the necessary speed for automatic heater removal.

Several other advancements have been injected into the heater's design, including dual thermal sensors and a redundant thermal monitoring computer that provides accurate and error-free heater temperature for consistent bead formation. The thicker, higher mass, higher power heater offers exceptional thermal regulation over time and space.

A new automatic throttle system reduces engine noise and fuel consumption by intelligently adjusting engine speed to match power needs. Operators will enjoy the hydraulic clamping standard feature, which reduces fatigue and promotes better high/low alignment during the fusion process. e throttle setting that helps conserve fuel.

FEATURES

- Operates within gas industry specification PL2-3:2006 and water industry specification 4-32-08 and other specifications.
- Additional proximity sensors and software safety interlocks help to prevent operator errors
- Auto throttle system reduces fuel consumption
- One heater covers entire range of pipe fusion sizes
- Thicker heater body and butt plates for exceptional thermal regulation
- 11+ hours operational fuel tank capacity
- ISO-compliant industrial Teflon-coated plates
- Dual hydraulic pipe lifts
- DataLogger® compatible
- Dual speed tracks
- Unified electronic controls

SPECIFICATIONS

CAPACITY

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

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*

Automatic Machine:.....3,183 lbs. (1,444 Kg)

4-Jaw Carriage Configuration:.....740 lbs. (335.7 Kg)

3-Jaw Carriage Configuration:.....355 lbs. (161 Kg)

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

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

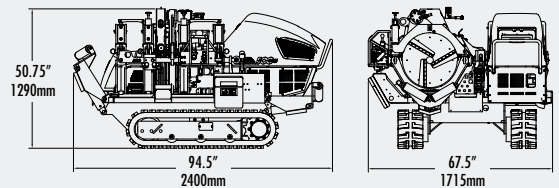
MOBILITY

Tracked:.....Rubber crawler tracks

Transportation:.....Self-propelled

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

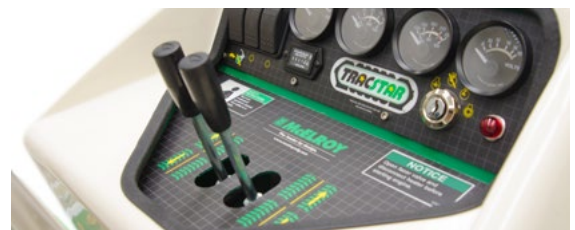
Lifting:.....Lift points and lifting assembly



TRACSTAR 500 SERIES 3 AUTOMATIC

INCLUSIONS

The TracStar 500 Series 3 Automatic includes fusion machine, facer, 180mm to 500mm heater, and lifting assembly. Optional heater/facer stand sold separately. Specifications subject to change without notice.



MI **McELROY**
www.mcelroy.com