

TRACSTAR® 900 SERIES 2 AUTO

Fusion Capability for 340mm to 900mm (12" IPS to 36" OD)



OVERVIEW

The McElroy **TracStar® 900 Series 2 Auto** is a self-contained, self-propelled, all-terrain fusion machine with an on-board generator for powering the heater. It is hydraulically powered to assist all fusion functions including the operation of the jaws, pipe lifts, heater and facer. The machine is capable of fusing 340mm to 900mm (12" IPS to 36" OD) thermoplastic pipe in accordance with many of the international fusion standards.

Models are available with a clean-burning, near-zero emissions ultra-low sulfur diesel engine and a redesigned cowling that is easily removable for machine maintenance. A second-generation Coach Fusion Control System controls all fusion functions, records joint data and has the ability to upload joint reports from the field to the McElroy DataLogger® Vault™ for storage and analysis. A wireless remote driving control is included. Low-, medium- and high-cylinder force machines are available.

FEATURES

- Available Cummins diesel engine that meets EU Stage IIIB and US Tier 4 near-zero emissions standard
- Second-generation Coach fusion control system pendant for automatic fusion functions*
- Uploads joint data to the McElroy DataLogger® Vault™ for storage and analysis
- Easily removable cowling for better maintenance access
- Remote engine stop/start capabilities
- Track-mounted, self-contained, self-propelled, all-terrain
- Hydraulically pivoting heater and facer/trimmer, no cranes necessary
- On-board generator for powering the heater
- Removable 3- or 4-jaw carriage for in-ditch use
- Wireless remote control ensures safe, efficient working environment and precise machine placement

* The Coach® Pendant 2 available in multiple languages including English, Spanish and French.

SPECIFICATIONS

CAPACITY

Fuses Pipe Sizes: 340mm - 900mm (12" IPS - 36" OD)

AUTO TRACKED MODELS

CYLINDER FORCE	EMISSIONS COMPLIANCE	PART NUMBER
High	EU Stage IIIB and US Tier 4 Compliant Ultra Low Sulfur Diesel Engine	AT9057701
Medium		AT9057702
Low		AT9057703
High	EU Stage IIIA Compliant High Sulfur Diesel Engine	AT9057704
Medium		AT9057705
Low		AT9057706

POWER

Heater Power: 20,461 Watt

Facer Power: Hydraulic

WEIGHT

Machine (Vehicle and Carriage): 4,536 Kg (10,000 lbs.)

Vehicle Only: 2,404 Kg (5,300 lbs.)

4-Jaw Carriage Configuration: 2,132 Kg (4,700 lbs.)

3-Jaw Carriage Configuration: 760 Kg (1,675 lbs.)

Facer: 218 Kg (480 lbs.)

Heater: 173 Kg (382 lbs.)

Spreader Bar: 79 Kg (175 lbs.)

HYDRAULICS

Maximum System Pressure: 158 BAR (2,300 PSI)

Hydraulic Reservoir Capacity: 87 Liters (23 Gallons)

ENGINE

EMISSIONS COMPLIANCE	FUEL TYPE	ENGINE TYPE
Tier 4 / Stage IIIB	Ultra Low Sulfur Diesel	74HP (55Kw), 2.8L, 4 Cylinder Turbo, Charge Air Cooled, EGR, DEF not required
Stage IIIA	High Sulfur Diesel	72HP (54Kw), 2.8L, 4 Cylinder Turbo, DEF not required

Fuel Tank Capacity: 87 Liters (23 Gallons)

Operational Tank Capacity: 12 Hours

Starting System: Electric

CHASSIS

Frame: Welded steel construction

Brake: Spring-applied, hydraulic-release wheel motors

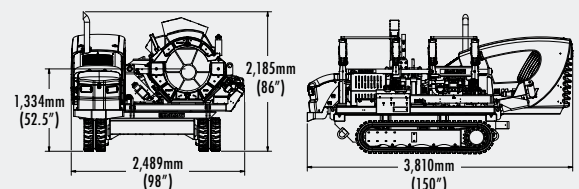
MOBILITY

Tracked: Rubber crawler tracks

Transportation: Self-propelled

Vehicle Speed: Low 1 mph/High 1.5 mph

Lifting: Lift points and lifting assembly



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INCLUSIONS

The TracStar 900 Series 2 Auto includes fusion machine, facer, heater, remote control with rechargeable batteries and lifting assembly. Optional in-ditch hose kit and heater/facer stand sold separately. Specifications subject to change without notice.

