

TRACSTAR® 630 SERIES 2

Fusion Capability for 8" IPS to 24" OD (225mm to 630mm)



OVERVIEW

McElroy's **TracStar® 630 Series 2** is a self-propelled, all-terrain fusion machine capable of butt fusing pipe from 8" IPS to 24" OD (225mm to 630mm). The self-contained machine eliminates the need for a separate power source on the jobsite. An on-board generator powers the heater while powerful hydraulics assist all fusion functions, including the operation of the jaws, pipe lifts and facer.

Series 2 machines incorporate advanced emission control technology that meets the EPA's latest Tier 4 standards, without the need for diesel exhaust fluid (DEF). Updates include improved hydraulic and electrical systems and a new cowling design that provides easy access when maintenance is required and a softer-running engine.

The TracStar 630 Series 2 is also available as an Automatic unit that controls and monitors the heat, soak, fuse and cool cycles.

FEATURES

- Patented Centerline Guidance System for equal distribution of force around the joint
- ISO-compliant industrial Teflon-coated heater plates
- Advanced blade design for smooth face and long life
- DataLogger® compatible
- Removable 3- or 4-jaw carriage for in-ditch use
- Dual hydraulic pipe lifts aid in loading and unloading pipe
- Serrated jaws and inserts keep pipe from slipping during fusion
- Hydraulic pivoting heater and facer
- Wireless remote driving control
- Dual-speed tracks
- Redesigned cowling allows easy access for machine maintenance
- Remote engine stop/start capabilities

SPECIFICATIONS

CAPACITY

Fuses Pipe Sizes: 8" IPS - 24" OD (225mm - 630mm)

MODELS

AT2418501: High Cylinder Force, On-Board Generator, Self-Contained Diesel Power

AT2418502: Medium Cylinder Force, On-Board Generator, Self-Contained Diesel Power

AT2418503: Low Cylinder Force, On-Board Generator, Self-Contained Diesel Power

WEIGHT

Machine (Vehicle and Carriage): 9,075 lbs. (4,116 Kg)

Vehicle Only: 5,190 lbs. (2,354 Kg)

4-Jaw Carriage Configuration: 3,885 lbs. (1,762 Kg)

3-Jaw Carriage Configuration: 1,412 lbs. (640 Kg)

Facer: 390 lbs. (177 Kg)

Heater: 240 lbs. (109 Kg)

Spreader Bar: 175 lbs. (79 Kg)

HYDRAULICS

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

Hydraulic Reservoir Capacity: 23 Gallons (87 Liters)

ENGINE

Engine Type: 74HP (55Kw), 2.8L, 4 Cylinder Turbo Charge, Air Cooled,
EGR, US EPA Tier 4f, EU Stage IIIB, DEF not required

Fuel Type: Ultra-Low sulfur diesel (15PPM)

Fuel Tank Capacity: 23 Gallons (87 Liters)

Operational Tank Capacity: 12 Hours

Starting System: Electric

POWER

Heater Power: 10,950 Watt

Facer Power: Hydraulic

CHASSIS

Frame: Welded steel construction

Brake: Spring-applied, hydraulic-release wheel motors

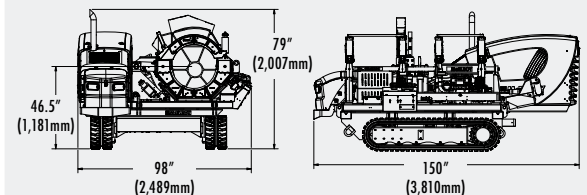
MOBILITY

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 630 Series 2 includes fusion machine, facer, heater, remote control with batteries, and 24" OD butt fusion inserts. Optional in-ditch hose kit and heater/facer stand sold separately. Specifications subject to change without notice.

