

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.

Models are available with 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 Auto 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

CYLINDER FORCE	EMISSIONS COMPLIANCE	PART NUMBER
High	US Tier 4 and EU Stage IIIB Compliant Ultra Low Sulfur Diesel Engine	AT2418501
Medium		AT2418502
Low		AT2418503
High	EU Stage IIIA Compliant High Sulfur Diesel Engine	AT2418504
Medium		AT2418505
Low		AT2418506

POWER

Heater Power: 10,950 Watt

Facer Power: Hydraulic

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

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

Hydraulic Reservoir Capacity: 23 Gallons (87 Liters)

ENGINE

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

Fuel Tank Capacity: 23 Gallons (87 Liters)

Operational Tank Capacity: 12 Hours

Starting System: Electric

CHASSIS

Frame: Welded steel construction

Brake: Spring-applied, hydraulic-release wheel motors

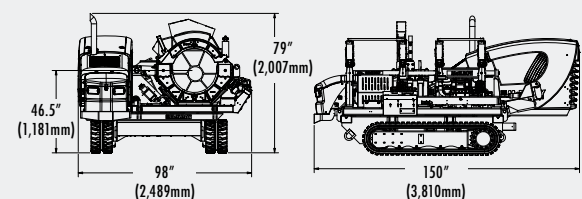
MOBILITY

Tracked: Rubber crawler tracks

Transportation: Self-propelled

Vehicle Speed: Low 1 mph/High 1.5 mph

Lifting: Lift points and lifting assembly



TRACSTAR 630 SERIES 2

INCLUSIONS

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

