

TRACSTAR[®] 618 SERIES 2

Fusion Capability for 200mm – 450mm (8”-18”) Polypropylene Pipe



OVERVIEW

The **TracStar 618 Series 2** has been completely redesigned based on feedback that came directly from the field. The new machine now shares the same vehicle with the 250 and 412 range of TracStars and is powered by a powerful diesel engine – which is especially useful on jobsites where gasoline is not permitted.

Designed to butt fuse polypropylene pipes and fittings from 200mm – 450mm (8”-18”), the TracStar 618 Series 2 offers a self-contained, self-propelled, track-mounted vehicle that can handle grades up to 30 percent.

A new cowling design aids in heat dissipation while providing easier access when machine maintenance is required. An updated electrical system increases the circuit protection and a standard battery disconnect is now incorporated for easy lockout.

The TracStar 618 Series 2 fusion machines incorporate an interchangeable 4-jaw carriage that can be easily removed for in-ditch fusions. For tight installations, 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.

The 618 is also available as an Auto machine.

FEATURES

- McElroy’s patented Center Line Guidance system delivers equal distribution of force around the pipe ends
- Self-contained, self-propelled, all-terrain
- Powered by a low-vibration, diesel engine
- DataLogger[®] compatible
- Industry-leading semi-automatic hydraulic control system
- Easily configurable 3- or 4-jaw carriage
- Precision microprocessor-controlled heater
- ISO-compliant industrial Teflon-coated heater plates
- On-board generator for powering heater
- Powerful hydraulic facer for facing the toughest pipe with ease
- Advanced blade design for smooth faceoff and long blade life
- Fits in a standard long box truck bed for easy transport
- 8+ hours operational fuel tank capacity
- Dual hydraulic pipe lifts

SPECIFICATIONS

CAPACITY

Fuses Pipe Sizes: 200mm – 450mm (8” IPS – 18” OD)

MODEL (Add HC to the end of the part number to purchase a machine equipped with a Hydraulic Clamping Kit)

AT1830003:Low Cylinder Force, On-Board Generator, Self-Contained Diesel Power

WEIGHT*

*With fluids.

Machine: 2,290 lbs. (1,038.7 Kg)

4-Jaw Carriage Configuration: 511 lbs. (231.8 Kg)

3-Jaw Carriage Configuration: 416 lbs. (188.7 Kg)

Facer: 94 lbs. (42.6 Kg)

8” IPS - 12” DIPS Heater: 28 lbs. (13 Kg)

12” DIPS - 18” OD Heater: 34 lbs. (15.4 Kg)

HYDRAULICS

System Pressure: 2,000 PSI (137.90 BAR) Max

Hydraulic Reservoir Capacity: 8 Gallons (30.28 Liters)

ENGINE

Engine Type: 20 HP liquid cooled

Fuel Type: Diesel

Fuel Tank Capacity: 5 Gallons (18.92 Liters)

Operational Tank Capacity: 8 Hours

Starting System: Electric

ELECTRICAL

Input: None, Self-Contained

AC Output: 120V and 240V, 60Hz, 15 Amp

POWER

Heater Power: 3,000 Watt

Facer Power: Hydraulic

CHASSIS

Frame: Welded steel construction

Brake: Self-locking

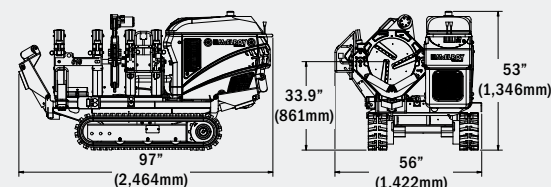
MOBILITY

Tracked: Rubber crawler tracks

Transportation: Self-propelled

Vehicle Speed: 1.5 MPH Max

Lifting: Lift points and lifting assembly



INCLUSIONS

The TracStar 618 Series 2 includes fusion machine, facer, 12” IPS - 18” OD heater, insulated heater stand and lifting assembly. Specifications are subject to change without notice.