

# TRACSTAR® 618 SERIES 2

Fusion Capability for 6" IPS to 18" OD (180mm - 450mm)



## OVERVIEW

The **TracStar® 618 Series 2** has been completely redesigned based on feedback that came directly from the field. The new machine now shares a common vehicle with the 28, 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 pipe sizes from 6" IPS to 18" OD (180mm to 450mm), the TracStar 618 Series 2 offers a self-contained, self-propelled, track-mounted vehicle that can handle grades up to 30 percent.

A new cowl 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.

Also available is the Automated TracStar 618 Series 2 which guides the operator through a step-by-step procedure for fusing pipe. This option provides automated control over the heat, soak, fuse and cool cycles. A hydraulic clamping option is also available.

## FEATURES

- Patented Centerline Guidance System for equal distribution of force around the joint
- Self-contained, self-propelled, all-terrain
- Powered by a diesel engine
- Redesigned cowlings for better airflow and ease of maintenance
- Removeable 3- or 4-jaw carriage, heater and facer for efficient in-ditch setup
- On-board generator for powering hydraulics and heater
- Battery disconnect for easy lockout
- Dual hydraulic pipe lifts for transferring pipe
- DataLogger® compatible
- Hydraulic Clamping available

## SPECIFICATIONS

### CAPACITY

Fuses Pipe Sizes: ..... 6" IPS – 18" OD (180mm – 450mm)

### MODELS *(Add HC to the end of the part number to purchase a machine equipped with a Hydraulic Clamping kit.)*

AT1830002: ..... High Cylinder Force, On-Board Generator, Self-Contained Diesel Power

AT1830001: ..... Medium Cylinder Force, On-Board Generator, Self-Contained Diesel Power

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

### AUTOMATED MODELS

AT1830502: ..... High Cylinder Force, On-Board Generator, Self-Contained Diesel Power

AT1830501: ..... Medium Cylinder Force, On-Board Generator, Self-Contained Diesel Power

AT1830503: ..... Low Cylinder Force, On-Board Generator, Self-Contained Diesel Power

### WEIGHT\*

*\* With fluids.*

Machine: ..... 2,273 lbs (1,031 Kg)

4-Jaw Carriage Configuration: ..... 595 lbs (270 Kg)

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

Facer: ..... 94 lbs. (42.6 Kg)

Heater: ..... 6" IPS - 12" DIPS: 28 lbs. (13 Kg) / 12" DIPS - 18" OD: 34 lbs. (15.4 Kg)

### HYDRAULICS

Maximum System Pressure: ..... 2,000 PSI (137.90 BAR)

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

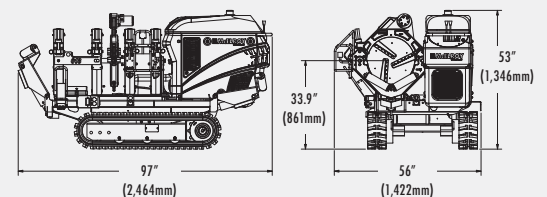
### MOBILITY

Tracked: ..... Rubber crawler tracks

Transportation: ..... Self-propelled

Vehicle Speed: ..... 1.5 MPH Max

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



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### 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.

