

# TRACSTAR® 412 SERIES 2

Fusion Capability for 4" IPS to 12" DIPS (110mm - 340mm)



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## OVERVIEW

The **TracStar® 412 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 618 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 4" IPS to 12" DIPS (110mm to 340mm), the TracStar 412 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 412 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 412 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:.....4" IPS – 12" DIPS (110mm – 340mm)

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

AT1223602:.....High Cylinder Force, On-Board Generator, Self-Contained Diesel Power

AT1223601:.....Medium Cylinder Force, On-Board Generator, Self-Contained Diesel Power

AT1223603:.....Low Cylinder Force, On-Board Generator, Self-Contained Diesel Power

### AUTOMATED MODELS

AT1223702:.....High Cylinder Force, On-Board Generator, Self-Contained Diesel Power

AT1223701:.....Medium Cylinder Force, On-Board Generator, Self-Contained Diesel Power

AT1223703:.....Low Cylinder Force, On-Board Generator, Self-Contained Diesel Power

### WEIGHT\*

\*With fluids.

Machine:.....2,089 lbs (948 Kg)

4-Jaw Carriage Configuration:.....425 lbs (193 Kg)

3-Jaw Carriage Configuration:.....282 lbs (128 Kg)

Facer:.....62 lbs (28.1 Kg)

Heater:.....24 lbs. (10.9 Kg)

### HYDRAULICS

Maximum System Pressure:.....2,000 PSI (137.9 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

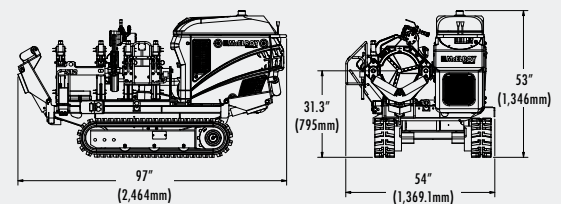
### MOBILITY

Tracked:.....Rubber crawler tracks

Transportation:.....Self-propelled

Vehicle Speed:.....1.5 MPH Max.

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



### TRACSTAR 412 SERIES 2

### INCLUSIONS

The TracStar 412 Series 2 includes fusion machine, facer, heater, insulated heater stand, 12" IPS butt fusion inserts and lifting assembly. Specifications are subject to change without notice.

