

# TRACSTAR® 412

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



TracStar 412



## OVERVIEW

For the most versatility and productivity, pipeliners are turning to the TracStar® 412. The tracked fusion machine provides a self-contained, self-propelled option that can traverse most terrain — even those with a 30 percent grade. Also available is the Automated TracStar 412 that guides the operator through a step-by-step procedure for fusing pipe. The automated option offers 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
- Industry-standard hydraulic control systems
- Removable 3- or 4-jaw carriage for in-ditch use
- DataLogger® compatible
- On-board generator for powering heater and other devices
- Hydraulic pipe lift aids in loading and unloading pipe
- Serrated jaws and inserts keep pipe from slipping during fusion
- Thrust-bearing-equipped clamp knobs to minimize force required to clamp and round pipe
- Hydraulic facer for facing the heaviest wall pipe with ease
- Microprocessor-controlled heater

## SPECIFICATIONS

### CAPACITY

Fuses Pipe Sizes:..... 4" IPS – 12" DIPS (110mm – 340mm)

### MODELS

AT1212902:..... High Cylinder Force, On-Board Generator, Self-Contained Diesel Power

AT1212901:..... Medium Cylinder Force, On-Board Generator, Self-Contained Diesel Power

AT1212903:..... Low Cylinder Force, On-Board Generator, Self-Contained Diesel Power

### AUTOMATED MODELS

AT1213202:..... High Cylinder Force, On-Board Generator, Self-Contained Diesel Power

AT1213201:..... Medium Cylinder Force, On-Board Generator, Self-Contained Diesel Power

AT1213203:..... Low Cylinder Force, On-Board Generator, Self-Contained Diesel Power

### WEIGHT

Machine:..... 2,000 lbs. (907 Kg)

4-Jaw Carriage Configuration:..... 359 lbs. (163 Kg)

3-Jaw Carriage Configuration:..... 261 lbs. (118.4 Kg)

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

Heater:..... 24 lbs. (10.9 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

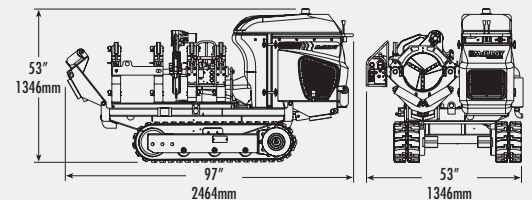
### MOBILITY

Tracked:..... Rubber crawler tracks

Transportation:..... Self-propelled

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

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



TRACSTAR 412

### INCLUSIONS

The TracStar 412 includes fusion machine, facer, heater, insulated heater stand, 12" IPS butt fusion inserts and lifting assembly. A hydraulic clamping kit is available for all TracStar 412 machines. To purchase a machine equipped with hydraulic clamping, add "HC" to the end of the part number. Specifications are subject to change without notice.

