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

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: 30 HP liquid cooled
Fuel Type: Diesel
Fuel Tank Capacity: 5 Gallons (18.92 Liters)
Operational Tank Capacity: 8 Hours
Starting System: Electric

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 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.