OVERVIEW
McElroy’s TracStar® 618 is a self-contained, self-propelled, all-terrain fusion machine that offers versatility and productivity. The TracStar will traverse most terrains, even those with a 30 percent grade.

Also available is the Automated TracStar 618 that guides the operator through a step-by-step procedure for fusing pipe. The automated option gives automated control over the heat, soak, fuse, and cool cycles.

FEATURES
• Patented Centerline Guidance System for equal distribution of force around the joint
• Industry standard semi-automatic hydraulic control system
• ISO-compliant industrial Teflon-coated plates
• Dual hydraulic pipe lifts
• Hydraulic clamping option is available
• DataLogger® compatible
• Removable 3- or 4-jaw carriage for in-ditch use
• Fits in a standard long bed truck
• 8+ hours operational fuel tank capacity
• Serrated jaws & inserts keep pipe from slipping during fusion
• Hydraulic facer for facing the heaviest wall pipe with ease

SPECIFICATIONS
CAPACITY
Fusion Pipe Size: 6” IPS – 18” OD (180mm – 450mm)

TRACKED MODELS
AT1807402: High Cylinder Force, On-Board Generator, Self-Contained Diesel Power
AT1807401: Medium Cylinder Force, On-Board Generator, Self-Contained Diesel Power
AT1807403: Low Cylinder Force, On-Board Generator, Self-Contained Diesel Power

AUTOMATED TRACKED MODELS
AT1813202: High Cylinder Force, On-Board Generator, Self-Contained Diesel Power
AT1813201: Medium Cylinder Force, On-Board Generator, Self-Contained Diesel Power
AT1813203: Low Cylinder Force, On-Board Generator, Self-Contained Diesel Power

POWER
Heater Power: 3,000 Watt
Facer Power: Hydraulic

WEIGHT
Machine: 2,065 lbs. (946 Kg)
4-low Carriage Configuration: 1,965 lbs. (892 Kg)
3-low Carriage Configuration: 1,965 lbs. (892 Kg)
Facer: 91 lbs. (41.3 Kg)
6” IPS - 12” DIPS Heaters: 78 lbs. (35 Kg)
12” DIPS - 18” OD Heaters: 94 lbs. (43 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: 8 Hours
Starting System: Electric

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 includes fusion machine, face, 12” IPS - 18” OD heater, insulated heater stand and lifting assembly. A hydraulic clamping kit is available for all TracStar 618 models. To purchase a machine equipped with hydraulic clamping, add HC to the end of the part number. Specifications are subject to change without notice.