The McElroy TracStar® 1200 brings larger pipe capability to its line of self-propelled, track-mounted fusion machines. The TracStar 1200 butt fuses pipe from 16” OD to 48” OD (450mm to 1200mm) and can traverse most any terrain.

The self-contained machine features an on-board generator for powering the heater and facer, which is now positioned between the fixed jaws for easier pipe transfer. The carriage can be easily removed for in-ditch use. The engine is designed with advanced emission control technology that meets the EPA’s latest Tier 4 standards, eliminating the need for diesel exhaust fluid (DEF). An Automatic TracStar 1200 is available upon request.

FEATURES

- Patented Centerline Guidance System for equal distribution of force around the joint
- ISO-compliant industrial Teflon-coated heater plates
- Advanced blade design for smooth face and long life
- DataLogger® compatible
- Removable 3- or 4-jaw carriage for in-ditch use
- Outriggers for machine stability and leveling
- Hydraulic outriggers for machine stability and leveling
- Dual hydraulic pipe lifts aid in loading and unloading pipe
- Serrated jaws and inserts keep pipe from slipping during fusion
- Hydraulic pivoting heater and facer
- Wireless remote driving control
- Dual-speed tracks
- Ergonomic operator platform
- Redesigned cowling allows easy access for machine maintenance
- Remote engine stop/start capabilities

SPECIFICATIONS

**CAPACITY**

Fuses Pipe Sizes: .................................................. 16” OD - 48” OD (450mm - 1200mm)

**MODELS**

AT4800101: .................................. High Cylinder Force/On-Board Generator/Self-Contained Diesel Power
AT4800102: .................................. Medium Cylinder Force/On-Board Generator/Self-Contained Diesel Power

**POWER**

Heater Power: .................................................. 35,000 Watt
Facer Power: .................................................. Hydraulic

**WEIGHT**

*Machine weights are with fluids full. Inserts not included in weight.

Machine (Vehicle and Carriage): ................................ 14,860 lbs. (6741.4 Kg)
4-Jaw Carriage Configuration: .................................. 7,450 lbs. (3379.3 Kg)
3-Jaw Carriage Configuration: .................................. 5,800lbs. (1669 Kg)
Facer: .................................................. 775 lbs. (351.5 Kg)
Heater: .................................................. 460 lbs. (209.2 Kg)
Lifting Sling: .................................................. 500 lbs. (226.8 Kg)

**HYDRAULICS**

System Pressure: .................................................. 3,000 PSI (207 Bar) Max
Hydraulic Reservoir Capacity: .................................. 23 Gallons (87 Liters)

**ENGINE**

Engine Type: .................................................. 74HP (55Kw), 2.8L, 4 Cylinder Turbo, Charge Air Cooled, EGR, US EPA Tier 4f, EU Stage IIIB, DEF not required
Fuel Type: .................................................. Ultra-Low-Sulfur diesel (15PPM)
Fuel Tank Capacity: .................................................. 23 Gallons (87 Liters)
Operational Tank Capacity: .................................................. 12 Hours
Starting System: .................................................. Electric

**CHASSIS**

Frame: .................................................. Welded steel construction
Brake: .................................................. Spring-applied, hydraulically released wheel motors

**MOBILITY**

Trackset: .................................................. Rubber crawler tracks
Transportation: .................................................. Self-propelled
Vehicle Speed: .................................................. Low 1.1 mph/High 1.4 mph
Lifting: .................................................. Lift points and lifting assembly

**INCLUSIONS**

The TracStar 1200 includes fusion machine, fuses, heater, remote control with batteries, 120V charger and lifting assembly. Optional in-ditch kit sold separately. Specifications subject to change without notice.
TRACSTAR® 1200
Fusion capability for 16" OD to 48" OD (450mm — 1200mm) pipe

TRACSTAR 1200 WITH PLATFORM LOWERED

TRACSTAR 1200 4-JAW CARRIAGE

TRACSTAR 1200 MACHINE VEHICLE