

TALON™ 2000

Fusion Capability for 54" OD - 78" OD (1,400mm - 2,000mm) pipe



OVERVIEW

The **Talon™ 2000** — McElroy's biggest machine to date — brings a revolutionary new way to fuse large-diameter, thermoplastic pipe that is in growing demand to replace aging infrastructures and increase capacity for a variety of today's applications.

The Talon 2000 is a self-propelled vehicle with the unique ability to safely lift pipe from the ground, position it to be fused and move from joint to joint down the pipeline. It features a quick-action facer and an electric-powered indexer to accurately and safely position the heater and facer into the fusion machine.

FEATURES

- Self-loads pipe from the ground
- Self-contained, self-propelled
- Track-mounted for maneuverability
- Terrain following and pitch control to better align with pipe
- Top-loading heater and facer, no cranes necessary
- Electric-powered indexer accurately positions heater and facer
- Patented Centerline Guidance System for equal distribution of force around the joint
- Carriage converts to 1 fixed jaw with 3 movable jaws for easy tie-in and fitting fusions
- Efficient facer design removes up to 1" of pipe per side in under 8 minutes
- Wireless remote control ensures safe, efficient working environment and precise machine placement
- Built-in datalogging feature records fusion joint data and syncs with the DataLogger® Vault™ for storage and analysis*
- Remote-access, real-time troubleshooting*

*Available with data-enabled SIM card



SPECIFICATIONS

CAPACITY

Fuses Pipe Sizes: 54" OD - 78" OD (1,400mm - 2,000mm)

MODEL

A7800101: Talon 2000 Fusion Machine

WEIGHT (Machine weights are with fluids full.)

Machine: 56,000 lbs (25,401 Kg)

Vehicle: 46,000 lbs (20,865 Kg)

Indexer: 10,000 lbs (4,536 Kg)

Quarter Jaw (2000mm): 145 lbs (66 Kg) ea.

HYDRAULICS

Maximum System Pressure: 3,000 PSI (207 BAR)

Hydraulic Reservoir Capacity: 60 Gallons (227 Liters)

ENGINE

Engine Type: 173.5HP (129.4kW), 4.4L (268.5in³) displacement,
4 cylinders, twin turbo, US EPA Tier 4i/EU Stage IIIB

Fuel Type: ULS Diesel (15 PPM)

Fuel Tank Capacity: 100 Gallons (378 Liters)

Operational Tank Capacity: 12 Hours

Starting System: Electric

ELECTRICAL

Input: None, self-contained

POWER

Heater Power: 70,500 Watt

Facer Power: Electric

CHASSIS

Frame: Welded steel construction

Brake: Spring-applied, hydraulic-release wheel motors

MOBILITY

Tracked: Steel crawler tracks

Transportation: Self-propelled

Vehicle Speed:5 MPH

Lifting: Lift points and lifting slings

INCLUSIONS

The Talon 2000 includes fusion machine, facer, heater, remote control with batteries, lifting slings, indexer shipping skid and 4 low profile rollers.

SEE BACK FOR DIMENSIONS



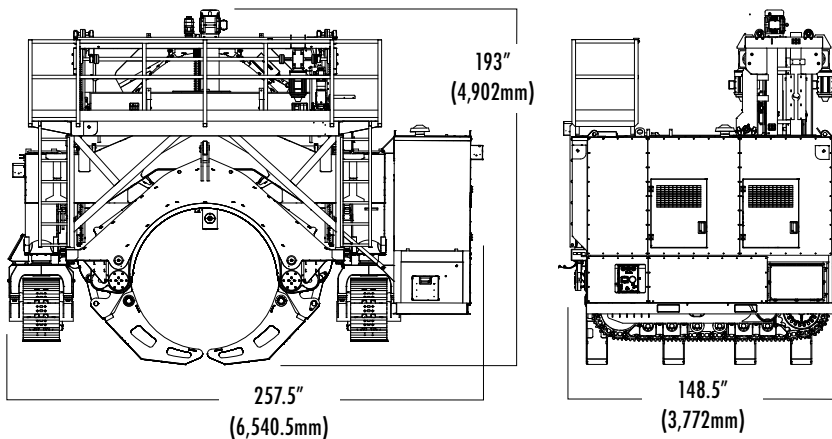
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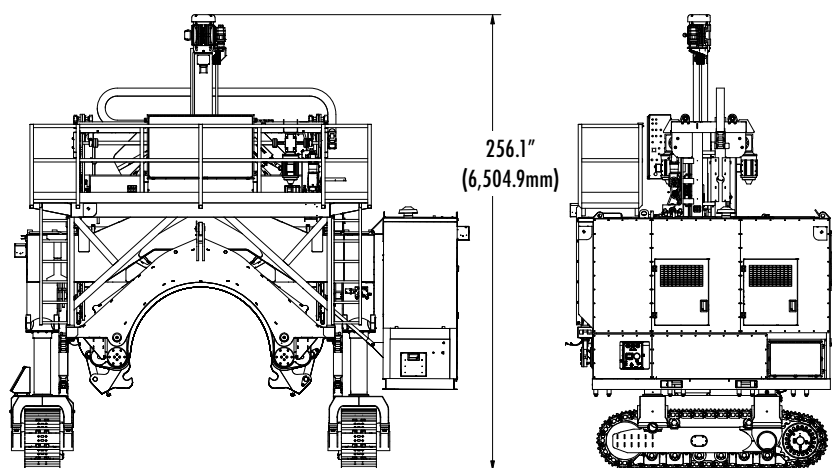


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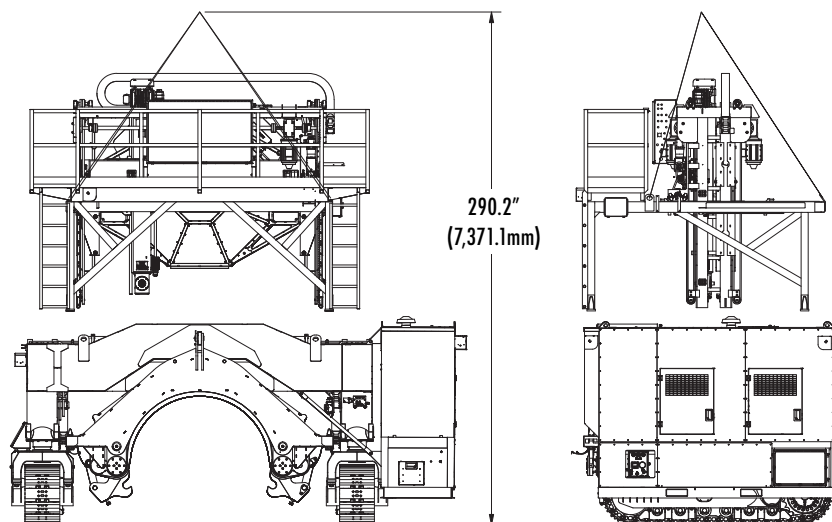
STANDARD DIMENSIONS



MAXIMUM HEIGHT



MINIMUM HOOK HEIGHT



SHIPPING DIMENSIONS

