

TALON™ 2000

Fusion Capability for 54" OD to 2000mm OD 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" – 2000mm OD

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

System Pressure:3,000 PSI (206.8 BAR) Max

Hydraulic Reservoir Capacity:60 Gallons (227 L)

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 L)

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 and indexer shipping skid.

SEE BACK FOR DIMENSIONS

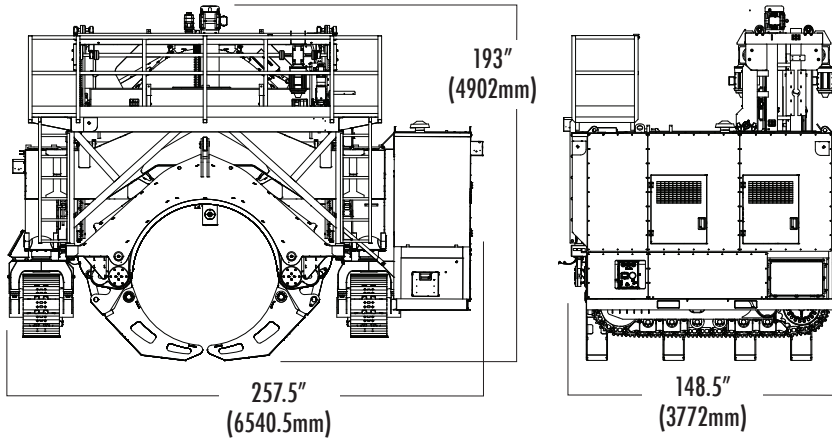


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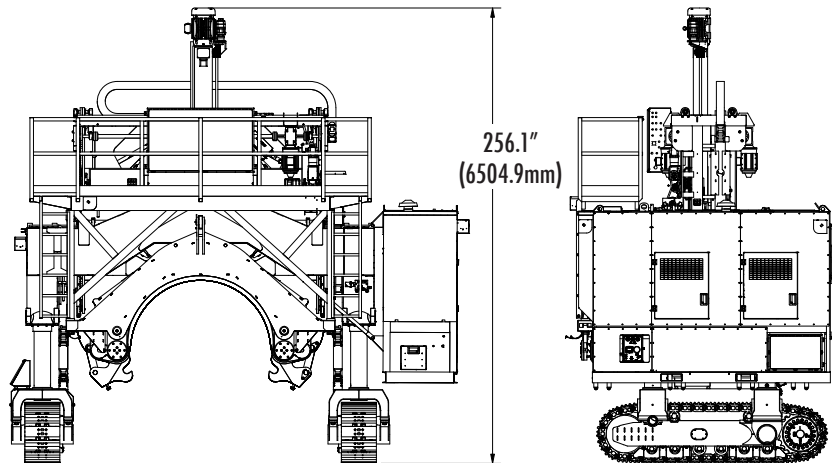
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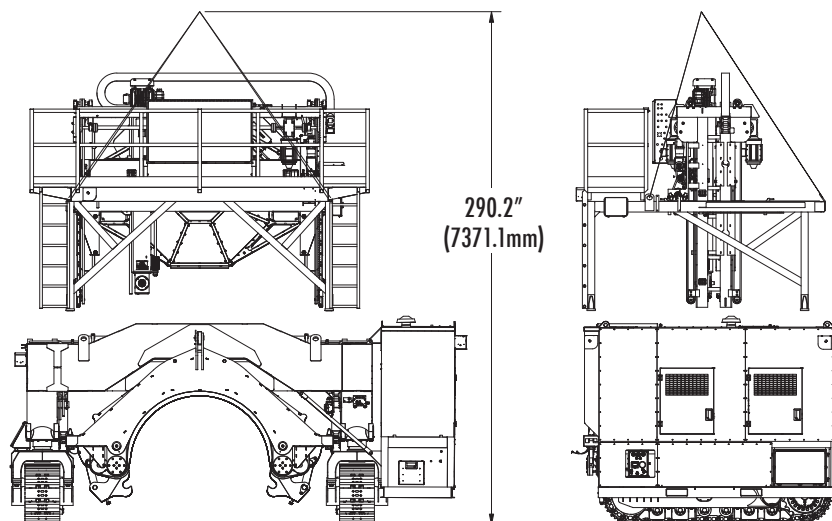
STANDARD DIMENSIONS



MAXIMUM HEIGHT



MINIMUM HOOK HEIGHT



SHIPPING DIMENSIONS

