

# 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

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

Hydraulic Reservoir Capacity: ..... 60 Gallons (227 Liters)

### ENGINE

Engine Type: ..... 173.5HP (129.4kW), 4.4L (268.5in<sup>3</sup>) 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 and indexer shipping skid.

### SEE BACK FOR DIMENSIONS

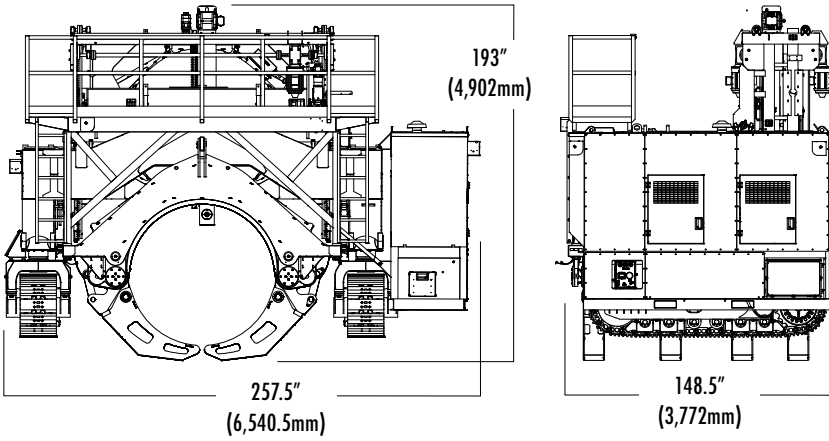


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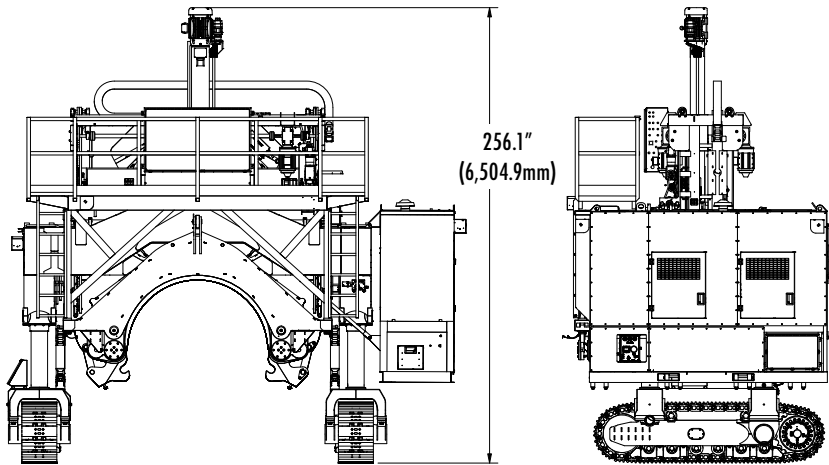
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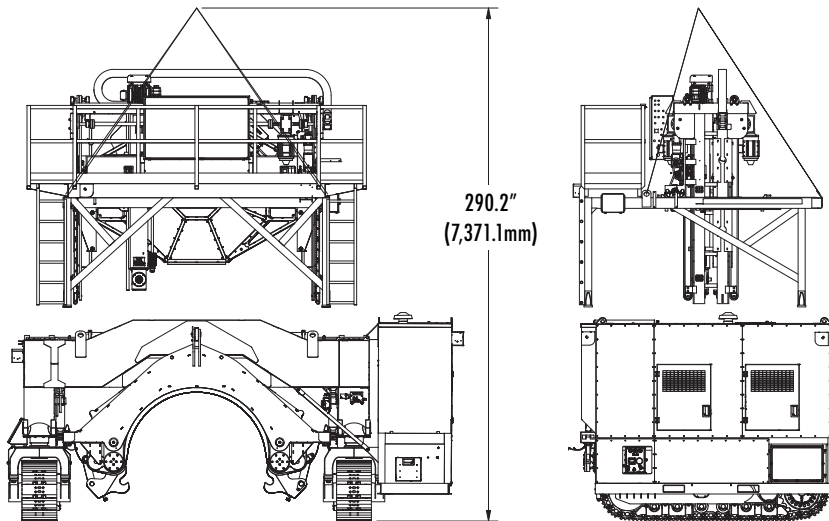
## STANDARD DIMENSIONS



## MAXIMUM HEIGHT



## MINIMUM HOOK HEIGHT



## SHIPPING DIMENSIONS

