

# TALON™ 2000

54" OD - 78" OD (1,400MM - 2,000MM)



MADE FOR

UNDERGROUND  
CONSTRUCTION



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.

The Talon's fusion operations are controlled at a touchscreen operator station, which has been designed to mimic the controls of other McElroy hydraulic machines— creating a familiar, easy-to follow interface.

## STANDARD 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

## ADDITIONAL IMAGES



DataLogger  
COMPATIBLE

SEE SECOND PAGE FOR DETAILED SPECIFICATIONS

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## SPECIFICATIONS

MODELS		POWER		SHIPPING DIMENSIONS		
<a href="#">A7800101</a>		Talon 2000		Heater		75,000 Watts
WEIGHTS				Facer		
				Facer		Electric
Machine	56,000 lbs. (25,401.2 Kg)			Width		144" (3,657.6 mm)   Misc. Items: 53" (1,346.2 mm)   Vehicle: 150" (3,810 mm)
Vehicle	46,000 lbs. (20,865.2 Kg)					
Indexer	10,000 lbs. (4,535.9 Kg)	Frame		Welded steel construction		Height
Quarter Jaw	145 lbs. (65.8 Kg)	Brake		Spring-applied, hydraulic-release wheel motors		
HYDRAULICS				INCLUDES		
System Pressure	3,000 PSI (206.8 BAR)			Fusion machine with ultra-low sulfur diesel engine, facer, heater, remote control with batteries, lifting slings, (4) low profile rollers and indexer shipping skid.		
Fusion Pressure	3,000 PSI (206.8 BAR)					
Hydraulic Reservoir Capacity	60 Gallons (227.1 Liters)					
ENGINE						
Engine Horse Power	173.5 HP					
Engine Fuel Type	Ultra-low Sulfur Diesel (ULSD)					
Engine Fuel Tank Capacity	100 Gallons (378.5 Liters)					
Engine Operational Fuel Tank Capacity	12 Hours					