• CAN-Bus Control System
• Larger Cab with controls integrated into seat
• Air Ride, High Back Swivel Seat with Joystick controls
• Automatic/Manual Power-Shift Transmission
• Digital Gauge Display
• On Board Diagnostics
• Neutral Braking
• Programmed Throttle Control
• Oscillating Frame for equalized wheel loading
• Air Suspension under cab & body frame
• 100 CFM Rotary Compressor
MAXIMUM TRACTIVE EFFORT:
- 49,500 lbs [22,453 kg] double coupled
- 33,100 lbs [15,014 kg] single coupled

DRIVE TRAIN CONFIGURATION:
Power transmitted through torque converter, transmission, and transfer case to No-Spin differential and planetary axle assemblies.
- **Engine**: Cummins QSB6.7 turbocharged diesel engine, 6 cylinder, 4 cycle.
- **Transmission and Torque Converter**: Funk DF Series, four speed forward and reverse.
- **Transfer Case**: Heavy duty hardened alloy steel spur gears. Oil bath lubrication.
- **Rail Drive Axles**: Two Axletech Model PRLC, planetary type.
- **Roadwheel Drive**: Interlocking lug drive.

FRAME:
Heavy-duty, 2” [51 mm] split rotating mainframe.

BRAKES:
- **Rail & Road**: Hydraulic actuated disc brakes.
- **Train Brakes**: 100 CFM.
- **Parking**: Spring applied, air released, disc/caliper arrangement.
- **Neutral Braking**: Automatically applies brake in neutral.

RAIL WHEELS:
27” [686 mm] heat treated cast steel. (AAR) specification

ROAD WHEELS:
20 ply 12.00x20 heavy duty mine service, rubber tires.

RAIL GAUGE:
Standard gauge: 56 1/2” [1435 mm].

ELECTRICAL SYSTEM:
12 Volt DC, 160 Amp Alternator, 925 CCA Dual Batteries.

AIR INTAKE SYSTEM:
2 Stage filtration, primary + safety element.

POWER STEERING:
Constant pressure hydraulic system, pivoting steering wheel.

HYDRAULIC SYSTEM:
Two heavy-duty cast steel, AAR style. Air operated, electrically controlled knuckle release.

SANDERS:
Air operated, electrically controlled eight sanders.

LIGHTS:
Operator’s cab, interior dome, one clear, one red.
Rail Mode & Road Mode - 6 LED lights, 3 each front & rear.
2 tail & stop combination, rear mounted.
2 lateral work lights to illuminate roadbed.
Step lights.

OPERATOR CAB:
Rear coupler alignment camera. Arm rest controls. Sun visor.
Strobe light. Windshield wipers and washers. Fold down jump seat.

WARNING SIGNAL:
Blast type air horn, automatic backup alarm for road operation.
Electric alarm.

OPTIONS:
Fire extinguishers, air conditioning, air intake pre-cleaner, auxiliary transmission oil cooler, battery wrap heater, cab window extension, camera location options, cold weather fluids, cylinder rod protectors, engine block heater, engine oil pan heater, foam filled tires, (GCS) Ground Control System, hydraulic tank heater, MAX-TRAC wheel slip control, MAX-TRAN® automatic weight transfer system, radio control, switch control spot light, train air charge indicator, transmission oil heater, track mirrors/cab side, track mirrors/off side, turn signals, V shaped snow plow, wide traverse couplers for sharp curves/long cars.

**TITAN DIMENSIONS**

<table>
<thead>
<tr>
<th>On Rail AAR Clearance Pattern Maintained</th>
<th>On Road</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheel Base</td>
<td>149.3”</td>
</tr>
<tr>
<td>Length</td>
<td>194.8”</td>
</tr>
<tr>
<td>Width</td>
<td>123.0”</td>
</tr>
<tr>
<td>Height</td>
<td><strong>145.8”</strong></td>
</tr>
<tr>
<td>Weight</td>
<td>50,850 lbs. [23,065 kg]</td>
</tr>
</tbody>
</table>

**TABLE OF PERFORMANCE**

<table>
<thead>
<tr>
<th>Maximum Speed* (Both Directions)</th>
<th>On Rail</th>
<th>On Road</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low</td>
<td>2.4 MPH</td>
<td>1.5 MPH</td>
</tr>
<tr>
<td>2nd gear</td>
<td>4.0 MPH</td>
<td>2.5 MPH</td>
</tr>
<tr>
<td>3rd gear</td>
<td>8.0 MPH</td>
<td>5.1 MPH</td>
</tr>
<tr>
<td>4th gear</td>
<td>13.6 MPH</td>
<td>8.7 MPH</td>
</tr>
</tbody>
</table>

*Actual speeds obtained will depend on grade, load, track conditions and other factors.

**Shipping height will increase by 1 1/2” due to rail flange plus any necessary truck blocking required.

Trackmobile® LLC reserves the right to change specifications at any time without prior notice.