

# 3050 3050TM



**TRACKMOBILE<sup>®</sup>**  
MOBILE RAILCAR MOVERS





# TRACKMOBILE 3050TM

## SPECIFICATIONS

### MAXIMUM TRACTIVE EFFORT:

- 21,230 lbs. [9,630 kg] single coupled.
- 32,620 lbs. [14,796 kg] Optional double coupled.

### DRIVE TRAIN CONFIGURATION:

Power transmitted through torque converter, transmission and transfer case to No-Spin differential and planetary axle assemblies.

- **Engine:** Cummins QSB4.5 4 cylinder 110 HP [82 kW]
- **Transmission & Torque Converter:** Clark 3 speed, cable controlled.
- **Transfer Case:** Heavy duty hardened alloy steel spur gears. Oil bath lubrication.
- **Drive Lines:** Heavy duty, serviceable
- **Rail Drive Axles:** Clark, Planetary wheel ends, with No-Spin Differential
- **Roadwheel Drive:** Interlocking lug drive from rail axle drive hubs to tire tread. Automatically disengages while in rail operation. Road clearance is 5.75" [146 mm] at railwheel flange.

### FRAME:

Heavy-duty, all welded steel plate construction. 2" [51 mm] thick slab frame side members.

### BRAKES:

- **Rail:** Air over hydraulic actuated, 18" [457.2 mm] diameter disc on all 4 railwheels.
- **Train Brakes:** 16 CFM [453 liters/min] from engine driven compressor. Glad hand connection at front.
- **Road Wheel:** Drum and shoe arrangement.
- **Parking:** Disc mounted on output shaft from transfer case.

### RAILWHEELS:

27" [685.8 mm] diameter heat treated cast steel. Tapered tread contour to Association of American Railroad (AAR) specification.

### ROADWHEELS:

Rock service, 16 ply 9.00x20 tube type tires, hydraulically operated to extend and drive on road or retract for rail operation.

### RAIL GAUGE:

Standard gauge 56 1/2" [1435 mm]. Other gauges available. Contact factory.

### ELECTRICAL SYSTEM:

12 Volt DC, 130 Amp Alternator, 950 CCA Dual Batteries, Battery Disconnect

### EXHAUST SYSTEM:

Free standing pedestal mounted exhaust stack with Spark Arresting Muffler.

### AIR INTAKE SYSTEM:

2 stage - Heavy duty air cleaner with pre-cleaner

### POWER STEERING:

Hydrostatic steering system.

### HYDRAULIC SYSTEM:

Pressure compensated piston pump, manually operated valves. Hydraulic system engage switch.

### COUPLERS:

One front mounted heavy-duty cast steel, TRACKMOBILE pioneered weight transfer design. Positive coupling and uncoupling with AAR contour coupler and locking knuckle. Air operated knuckle release from cab operator position.

### SANDERS:

Air operated, eight sanders, two for each railwheel, front and rear.

### LIGHTS:

Single front and rear mounted sealed beam headlight/work light. Two rear mounted red tail lights with brake lights. Rear railwheel track light.

### OPERATOR CAB:

Single door, two sliding windows, front facing operator seat swivels to right. Single set of operating controls (accelerator and brake). Cab heater and defroster fan. Combination of warning lights and gauges. Digital Display.

### WARNING SIGNAL:

Blast type air horn, automatic backup alarm for road operation.

### OPTIONS:

Air Bell • Air Conditioner • Air Seat • Centralized Lubrication • Cold Weather Package (Block, Battery, Oil Pan, Hydraulic Tank, Transmission Heaters) • Cylinder Rod Protectors • Electric Alarm • Fire Extinguisher • GCS (Ground Control System) • Radio Control • Roof Mounted Spot Light • 2nd Coupler/Fixed Head • 2nd Coupler/Weight Transfer • Step Lights • Strobe Warning Lights • Track Mirrors • Turn Signals

### 3050TM DIMENSIONS

	On Rail AAR Clearance Pattern Maintained		On Road
Wheel Base	120.7"	3067 mm	59.2" 1505 mm
Length	160.5"	4077 mm	160.5" 4077 mm
**Width	100.0"	2540 mm	100.0" 2540 mm
Width	113.5"	2883 mm	113.5" 2883 mm
Height	128.0"	3251 mm	138.5" 3518 mm
Weight	29,850 lbs. [13,540 kg]		

\*\*Width of machine with fold-down steps in shipping position.

### 3050TM TABLE OF PERFORMANCE

Maximum Speed* (Both Directions)	On Rail	On Road
Low	1.9 MPH [3.1 km/h]	1.2 MPH [1.9 km/h]
2nd Range	4.1 MPH [6.6 km/h]	2.6 MPH [4.6 km/h]
3rd Range	12.9 MPH [20.8 km/h]	8.2 MPH [13.2 km/h]

\*Actual speeds obtained will depend on grade, load, altitude, and other factors.



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

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