

TITAN SERIES

Equa-Flex Pivoting Main Frame



Command Master Control System



Command Post Joystick



- Tier III Electronic Engine
- Electronically **controlled** engine torque output
- CAN-Bus Control System
- Larger cab with controls integrated into seat
- Air suspended cab and body frame
- Hydraulic rail and road brakes
- Load equalizing mainframe
- Work area video cameras

TITAN SERIES



TRACKMOBILE
MOBILE RAILCAR MOVERS

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(706) 884-6651 Fax: (706) 884-0390
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TITAN SERIES

MAXIMUM TRACTIVE EFFORT:

- 48,500 lbs [22,000 kg] double coupled
- 32,350 lbs [14,674 kg] single coupled

DRIVE TRAIN CONFIGURATION:

Power transmitted through torque converter and transmission to a locking differential and planetary axle assemblies.

- **Engine:** Cummins QSB6.7 turbocharged diesel engine, 6 cylinder, 4 cycle, 260 HP [194 kW] Tier III
- **Transmission and Torque Converter:** Funk DF Series, four speed forward and reverse.
- **Rail Drive Axies:** Two Axletech Model PRLC, planetary type.
- **Roadwheel Drive:** Interlocking lug drive.

FRAME:

Heavy-duty, 2" [51 mm] welded frame.

BRAKES:

- **Rail:** Hydraulic actuated
- **Train Brakes:** 100 CFM
- **Road Wheel:** Drum and shoe arrangement
- **Parking:** Spring applied, air released, disc/caliper arrangement

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: 56 112" [1435 mm]

ELECTRICAL SYSTEM:

12 Volt DC, 160 Amp Alternator, 950 CCA Dual Batteries

AIR INTAKE SYSTEM:

2 Stage filtration, primary + safety element

POWER STEERING:

Hydraulic steering system, pivoting steering wheel

HYDRAULIC SYSTEM:

Constant pressure hydraulic system, with piston pump

COUPLERS:

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 halogen lights, 3 each front & rear
 2 tail & stop combination, rear mounted
 2 LED lateral work lights to illuminate roadbed

OPERATOR CAB:

Totally enclosed 360 degree visibility. Sound level under 85 dBA. Two doors. Air-ride suspension with stabilizing shock absorbers for body frame and cab. Air suspension seat with 180° swivel. Full instrumentation with digital video display. Cup holders. Rear coupler alignment camera. Arm rest controls. Sun visor. Strobe light. Windshield washers.

WARNING SIGNAL:

Blast type air horn, automatic backup alarm for road operation

OPTIONS:

Air conditioning, air bell, cab extension, Protect-0-Seal fuel cap, engine block heater, 5# fire extinguisher, foam filled tires, (GCS) Ground Control System, battery wrap heater, engine oil pan heater, hydraulic tank heater, transmission oil pan heater, MAX-TRAC, MAX-TRAN®, radio control, " V shaped snow plow, spotlight, track mirrors/cab side, track mirrors/off side, turn signals, electric alarm, intake pre-cleaner, cylinder rod protectors

TITAN DIMENSIONS

	On Rail AAR Clearance Pattern Maintained		On Road	
Wheel Base	149.3"	3792 mm	82.5"	2096 mm
Length	194.8"	4948 mm	194.8"	4948 mm
Width	122.5"	3112 mm	122.5"	3112 mm
Height	144.0"	3658 mm	154.5"	3924 mm
Weight	49,000 lbs. [22,226 kg]			

TABLE OF PERFORMANCE

Maximum Speed* (Both Directions)	On Rail		On Road	
Low	2.0 MPH	[3.2 km/h]	1.0 MPH	[1.6 km/h]
2nd gear	4.0 MPH	[6.4 km/h]	2.0 MPH	[3.2 km/h]
3rd gear	8.0 MPH	[12.8 km/h]	4.0 MPH	[6.4 km/h]
4th gear	14.0 MPH	[22.5 km/h]	8.0 MPH	[12.8 km/h]

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

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A member of the Marmon Group of companies