

# VIKING



**TRACKMOBILE**  
MOBILE RAILCAR MOVERS

Digital Instrumentation Display



Command Post Joystick



- Tier III Electronic Engine
- 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

## VIKING



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

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# TRACKMOBILE®

## VIKING SPECIFICATIONS

### MAXIMUM TRACTIVE EFFORT:

- 42,689 lbs to 44,850 lbs [19,363 kg to 20,344 kg] double coupled
- 27,014 lbs to 28,515 lbs [12,253 kg to 12,934 kg] single coupled

### DRIVE TRAIN CONFIGURATION:

- Power transmitted through torque converter, transmission, and transfer case to a No-Spin differential and planetary axle assemblies.
- **Engine:** Cummins QSB-4.5 turbocharged diesel engine, 4 cylinder, 4 cycle, 130 HP [97 kW] Tier III. Max. torque 457 ft. lbf. [620 Nm].
  - **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] thick welded frame.

### BRAKES:

- **Rail & Road:** Hydraulic actuated disc brakes.
- **Train Brakes:** 16 CFM engine driven.
- **Parking:** Spring applied, air released, disc/caliper arrangement.
- **Neutral Braking:** Automatically applies brake in neutral.

### RAILWHEELS:

27" [686 mm] heat treated cast steel. ( AAR) specification.

### ROADWHEELS:

16 ply 9.00x20 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:

3 Stage Filtration, High efficiency pre-cleaner tubes, Primary filter, safety filter.

### 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 Lateral work lights to illuminate roadbed.  
 Step Lights.

### OPERATOR CAB:

Totally enclosed 360 degree visibility. Sound level under 85 dBA. Two doors, front & rear. Isolation mounts for body frame and cab. Air suspension seat. Full instrumentation with digital display. Cup holders. Rearview mirror. Cab heater. Defroster fans. Sun visor. Windshield wipers and washers. Strobe light. Fold down jump seat.

### WARNING SIGNAL:

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

### OPTIONS:

100 CFM Rotary Screw Compressor, 5 & 10# fire extinguishers, air conditioning, auxiliary transmission oil cooler, ballast package (additional 2,900 LBS), 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.

VIKING DIMENSIONS				
	On Rail AAR Clearance Pattern Maintained		On Road	
Wheel Base	121.0"	3073 mm	59.2"	1505 mm
Length	151.9"	3858 mm	151.9"	3858 mm
Width	122.5"	3111 mm	122.5"	3111 mm
Height	**140.3"	3564 mm	151.3"	3843 mm
Weight	34,360 lbs. [15,585 kg]			

VIKING TABLE OF PERFORMANCE				
Maximum Speed* (Both Directions)	On Rail		On Road	
Low	2.4 MPH	[3.9 km/h]	1.5 MPH	[2.4 km/h]
2nd Gear	4.0 MPH	[6.4 km/h]	2.5 MPH	[4.0 km/h]
3rd Gear	8.0 MPH	[12.9 km/h]	5.1 MPH	[8.2 km/h]
4th Gear	14.0 MPH	[22.5 km/h]	8.7 MPH	[14.0 km/h]

\*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 anytime without prior notice.

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