

# ELECTRIC RAILCAR MOVER LOK 16.150 E / 22.150 E



Authorized Distributor



	LOK 16.150 E	LOK 22.150 E
STANDARD GAUGE:	56.5" (1435 mm)	
DIMENSIONS LxWxH:	255.9" x 98.4" x 133.4" (6500 x 2500 x 3390 mm)	275.6" x 98.4" x 142.9" (7000 x 2500 x 3630 mm)
MAX DRAWBAR PULL (Tractive Effort):	35,900 lbf. (160 kN)	40,465 lbf. (180 kN)
MACHINE WEIGHT:	63,900 lbs. (32 US t)	88,185 lbs. (44 US t)
MAX SPEED LOADED/UNLOADED**:	3.7 mph / 9.9 mph	3.1 mph / 9.3 mph

**\*\*Based on dry, straight, and level track (0% grade).**



A Marmon Group/Berkshire Hathaway Company

# LOK 16.150 E / 22.150 E

## SPECIFICATIONS



### Standard Features

	LOK 16.150E	LOK 22.150E
Battery	80V 1395Ah x 3 (40 cells - 2V per cell)	
On board battery charger	80V 125A x 3	
Rail & road motor	50kW x 2 - 80V - AC Brushless motors	
Pneumatic tires size	12.00-24	14.00-24

### Battery

- On board battery charger with UL/CSA certified plug
- Centralized battery filling system with visual floater indicating battery fluid level
- Typical battery recharging time: Approximately 8 hrs with 480V power source

### On-board Transformer & Chargers

- On-board charger for each battery; eliminates need for free-standing charger installations.

### Rail & Road Mode Performance

- Hydraulic power steering type on front wheels / pump motor
- Suspension front and rear with semi-elliptic 4" wide leaf springs
- Front and rear heavy duty railway axle with hydraulic pump motor 3kW

### Safety Devices

- Equipped with red and white directional movement signaling lights during rail mode
- Horn
- Orange beacon light
- Exterior emergency stop buttons
- Hand brake activation in case of low oil pressure in the braking system
- Emergency braking system in case of failure
- Safety system to prevent sudden direction change during operation
- Safety system to prevent unit from switching on during recharge

### Train Air Brake System

- Pneumatic braking system with a 54 CFM compressor with electric motor

### Lift Points

- Equipped with four RUD lifting eyes for transport. Each changes color when exposed to excessive stresses.

### Machine Brakes

#### Road & Rail mode

- Fully proportional hydraulic powerbrake system
- Parking/Emergency brake mechanical type with negative acting antagonist spring, working on an independent disc assembled on the transmission.

### Cabin and driver seat

- Steel cabin with two side doors and driver's seat on the left side.
- Adjustable driver seat with safety belt
- Cabin heater with temperature control dial

### Instrument panel

- Digital full-color touch screen display

### Couplers

- Heavy-duty, spring-loaded, AAR type couplers with remote release; front and rear

### Lighting

- LED headlights, tail lights, step lights and work lights

### Options

- Operator remote control (Hetricon)
- Additional coupler types based on customer requirements
- Hydraulic or manual slide for coupler height adjustment
- Different rail gauges available
- Rail track short-circuiting signaling system
- Photocell safety barrier - automatically stops machine in defined positions
- Distance proximity sensors with acoustic function (Rail mode)
- Additional LED working lights
- Air conditioning system
- Arctic pack for cold environment
- Air Blade system
- On-board generator
- Cameras and full-color display for easily positioning the machine on rail

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