

ELECTRIC RAILCAR MOVER LOK 7.90 E / 10.90 E / 13.90 E



SUPPORTED BY:



	LOK 7.90 E	LOK 10.90 E	LOK 13.90 E
STANDARD GAUGE:	56.5" (1435 mm)		
DIMENSIONS LxWxH:	189" x 98.4" x 133.8" (4800 x 2500 x 3400 mm)		
MAX DRAWBAR PULL (Tractive Effort):	15,750 lbf. (70 kN)	22,500 lbf. (100 kN)	29,250 lbf. (130 kN)
MACHINE WEIGHT:	35,270 lbs. (17.6 US t)	44,100 lbs. (22 US t)	52,910 lbs. (26.4 US t)
MAX SPEED LOADED/UNLOADED**:	4.34 mph	4.34 mph / 10.5 mph	

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



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LOK 7.90 E / 10.90 E / 13.90 E SPECIFICATIONS

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Standard Features

Battery

- 80V 930Ah x 2 (40 cells- 2V per cell)
- On board battery charger with UL/CSA certified plug - 80V, 150A charging unit
- 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.
- Multi-tap transformer with service for 230V (220V), 400V, 440V, and 480V.

Rail & Road Mode Performance

- LOK 7.90E Motor- 35 kW 80V- AC Brushless motor
- LOK 10.90 & 13.90E Motor- 30 kW x 2- 80V- AC Brushless motors
- Hydraulic power steering type on front wheels / pump motor
- Suspension front and rear with semi-elliptic 4" wide leaf springs
- Pneumatic tires size 10.00-20
- Front and rear heavy duty railway axle with hydraulic pump motor

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.

SUPPORTED BY:



TRACKMOBILE®
MOBILE RAILCAR MOVERS



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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 rear door 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

LOK 7.90 E / 10.90 E / 13.90E Dimensions

	ROAD & RAIL MODE
LENGTH	189" (4800 mm)
WIDTH	98.4" (2500 mm)
HEIGHT	133.8" (3400 mm)