

Union Station

Shady Grove



L-Series

TRANSIT / SPECIALTY RAIL GRINDERS

The Advanced Way to Recondition Your Rails.

The Loram L-Series Rail Grinder is a compact solution designed for production rail grinding on transit railroads and specialty rail grinding on any railroad. The L-Series features technology and the same highly-productive 30 hp grind motors from our heavy haul mainline grinders, in a smaller footprint design. The L-Series Rail Grinders are able to navigate a variety of transit and freight railroads, including those with curve radius, clearance and weight restrictions.

With its unique design, the L-Series performs within most flangeway or field-side clearance obstructions and is gauge convertible. The L-Series is able to grind a variety of rail conditions, including corrugation removal, mill scale removal on new rail, switches, crossings, embedded rail, tunnels, open rail and rail head profiling. Advanced grind quality control systems provide a positive means to address only the high spots associated with corrugation, welds and other defects, while bridging the low spots.

With precision grinding control designed specifically for the restrictive clearances of transit and commuter railroads, Loram offers best-in-class performance that equates to the most efficient metal removal, reduces grind time, and optimizes maintenance cost.

FEATURES AT A GLANCE

- **Industry-leading 30 hp (22.4 kW) grind motors** for optimal grind time and reduced cost
- **Precision grind control** for effective metal removal
- **High grinding power in a smaller footprint** designed for tight clearances
- **Integrated dust collection** and noise-suppression systems
- **Flexibility** to grind a variety of rail conditions
- **Two power car** size options
- **Four- and eight-stone** grind carts

For more information on this machine, or on developing a tailored maintenance program for your railroad, contact Loram at **1-800-328-1466** or visit **LORAM.COM**

SPECIFICATIONS

LORAM L-SERIES TRANSIT / SPECIALTY RAIL GRINDERS

Machine	Length in. (m)	Width in. (m)	Height in. (m)	Weight-Dry lb (tonne)	Weight-Dry Max Per Axle lb (tonne)	Minimum Curve Radius (Grind) ft (m)	Minimum Curve Radius (Travel) ft (m)	Gradeability	Max travel Speed mph (km/h)
4-Stone Grind Cart	180 (4.6)	98 (2.5)	112 (2.8)	22,500 (10.2)	11,250 (5.1)	90 (27)	60 (18)	—	—
8-Stone Grind Cart	275 (7.0)	98 (2.5)	112 (2.8)	41,500 (18.8)	20,800 (9.4)	263 (80)	160 (50)	—	—
LPC250 Power Car	312 (7.9)	92 (2.3)	113 (2.9)	33,000 (15)	16,500 (7.5)	60 (18)	60 (18)	—	—
LPC450 Power Car	363 (9.2)	92 (2.3)	115 (2.9)	41,700 (18.9)	21,200 (9.6)	135 (41)	135 (40)	—	—
4-Stone Consist w/rear cab: One 4-Stone Cart + LPC250	578 (14.7)	98 (2.5)	113 (2.9)	54,000 (24.7)	16,000 (7.3)	90 (27)	60 (18)	7.5%	40 (65)
8-Stone Consist w/rear cab: Two 4-Stone Carts + LPC250	803 (20.4)	98 (2.5)	113 (2.9)	77,000 (34.9)	16,000 (7.3)	90 (27)	90 (27)	6%	40 (65)
16-Stone Consist w/rear cab: Two 8-Stone Carts + LPC450	1,024 (26.0)	98 (2.5)	115 (2.9)	130,000 (58.9)	24,300 (11)	263 (80)	160 (50)	6%	40 (65)

Subject to change depending on consist configuration

L-Series Rail Grinders Optional Equipment Features:

- Rear Cab with Travel Controls
- Rear Cab with Full Grind Controls
- Fire Suppression System
- Rail Pro®
- Optical Rail Profile Measurement System
- Rail Corrugation Measurement System
- Rail Surface Monitoring System



16-Stone Rail Grinder



8-Stone Rail Grinder



16-Stone Rail Grinder

Reliable Service and Support.

With a 60-year plus legacy of serving the railroad industry with the most advanced technologies, the most reliable and productive maintenance of way equipment and world-class contract service work, Loram brings its partnership approach to every customer relationship. This includes an extensive training and technical support program with every machine. Whether for a heavy haul, high-speed, underground or metro-rail system, Loram has the equipment and services you need.

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