

LORAM®

L-SERIES RAIL GRINDERS



Extending Rail Life and Protecting Investments

The advanced way
to recondition your rails

Class I, short line railroads, and transits use rail grinding as a proactive maintenance procedure to improve the wheel / rail interface. This interface, for any rail system, is a sophisticated and much talked about subject, primarily because of the enormous cost involved with rail change outs.

With rail being the single most valuable asset of a rail system, enhancing its reliability and extending its usable life is paramount to a railroad's success. As an industry leader with proven history for innovation, Loram Maintenance of Way continues to design, develop, and deliver the services needed for railroads to remain competitive and profitable.

Loram offers the most advanced series of rail grinders in the industry that are flexible enough to work on a variety of Class I, short line railroads, and transits while still powerful enough to perform the necessary maintenance within tight work schedules.

Built for Flexibility.

Loram L-Series Rail Grinders incorporate high power, flexible grinding modules with a patented control system to maximize efficiency and create the most productive machines on the market. The L Series is available with a power car that may be combined with 4 or 8 stone carts in various configurations while

still maintaining highway portability. The MPC power car with carts loaded can travel unrestricted in a rail revenue train.

L-Series Versatility.

By adapting advancements made with Loram's mainline grinders, the L-Series Grinder combines the productivity of heavy haul technology with the agility of transit grinding. With its unique design the L-Series performs within most flangeway or field side clearance obstructions and is gauge convertible. The L-Series also has an integrated dust collection system and a special noise suppression system. Whether grinding is for corrugation removal, mill scale removal on new rail, switches, crossings, imbedded rail, tunnels, open rail spots, or profiling...the L-Series does it all.

Reliable Service and Support.

With more than 30 years of rail grinding experience, Loram brings its "partnership" approach to working with all of our customers. 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 rail grinding equipment and services for you.

For more information on developing a tailored rail grinding program for your railroad, contact Loram at 763-478-6014 or visit www.loram.com.

Specifications

L-SERIES RAIL GRINDERS

Machine	Length inches (m)	Width inches (m)	Height inches (m)	Weight-Dry lbs. (tonnes)	Weight-Dry Max Per Axle lbs. (tonnes)	Minimum Curve Radius (Grind) ft. (m)	Minimum Curve Radius (Travel) ft. (m)	Gradeability	Max travel Speed mph (kph)
4-Stone Grind Cart w/o cab	180 (4.6)	98 (2.5)	112 (2.8)	22,500 (10.2)	11,250 (5.1)	66 (20)	66 (20)	—	—
8-Stone Grind Cart w/o cab	275 (7.0)	98 (2.5)	112 (2.8)	41,500 (18.8)	20,800 (9.4)	263 (80)	180 (55)	—	—
Optional Power Car (LPC250)	312 (7.9)	92 (2.3)	113 (2.9)	33,000 (15)	16,500 (7.5)	66 (20)	66 (20)	9%	40 (65)
Standard Power Car (LPC450)	363 (9.2)	92 (2.3)	115 (2.9)	41,700 (18.9)	21,200 (9.6)	263 (80)	180 (55)	9%	40 (65)
Multi Purpose Car (MPC)	1,080 (27.4)	118 (3.0)	165 (4.2)	135,000 (100)	33,750 (15.3)	263 (80)	180 (55)	5%	40 (65)
Four (4) Stone Consist: One 4-Stone Cart + LPC250	578 (14.7)	98 (2.5)	113 (2.9)	54,000 (24.7)	16,000 (7.3)	66 (20)	66 (20)	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)	66 (20)	66 (20)	6%	40 (65)
8-Stone Consist w/rear cab: One 8-Stone Cart + LPC250	665 (16.9)	98 (2.5)	115 (2.9)	78,000 (35.4)	24,300 (11)	263 (80)	180 (55)	6%	40 (65)
16-Stone Consist: Two 8-Stone Carts + LPC450	1,024 (26.0)	98 (2.5)	115 (2.9)	130,000 (58.9)	24,300 (11)	263 (80)	180 (55)	5.5%	40 (65)
32-Stone Consist: Four 8-Stone Carts + Two LPC450's	2,008 (51.0)	98 (2.5)	115 (2.9)	260,000 (117.9)	24,300 (11)	263 (80)	180 (55)	5.5%	40 (65)
16-Stone Consist: Two 8-Stone Carts + MPC (Travel)	1,078 (27.4)	118 (3.0)	158 (4.0)	222,000 (100.5)	51,750 (23.5)	263 (80)	180 (55)	3%	40 (65)
16-Stone Consist: Two 8-Stone Carts + MPC (Work)	1,770 (44.9)	118 (3.0)	158 (4.0)	222,000 (100.5)	33,750 (15.3)	263 (80)	180 (55)	3%	40 (65)

Optional Equipment Features (dependent on machine configuration)

Rear Cab with Travel Controls
 Rear Cab with Full Grind Controls
 Fire Suppression System
 Exhaust Treatment

Subject to change depending on consist configuration



LRG14 (LPC250) - 8 Stones



LPC5 (LPC250) - 8 Stones



Multi-Purpose Car (MPC) - 16 Stones



LRG7 (LPC450) - 16 Stones

LORAM

Speed, Performance, and Reliability

Loram Maintenance of Way, Inc.

3900 Arrowhead Drive
 Hamel, Minnesota 55340 USA
 Tel. (763) 478-6014 (800) 328-1466
 Fax (763) 478-2221
www.loram.com
sales@loram.com