

# LORAM



## VERSATILITY AND COMPACT PERFORMANCE.

# MRG SERIES

## COMMUTER / TRANSIT / METRO / SPECIALTY

**The Loram MRG Rail Grinder** is a compact, two-way road/rail grinding vehicle engineered for reprofiling, corrugation removal, and mill scale grinding. Designed for tight clearance envelopes, the MRG operates quietly and efficiently on urban transit (street rail), metro, and commuter systems while maintaining low operational costs and minimal environmental impact.

Its compact dimensions allow transport in a 40 ft high-cube container, enabling rapid deployment. The MRG is capable of operating on plain line track and turnouts, making it ideal for corrective and preventive rail grinding in busy, space-constrained environments. MRG deploys easily and quickly onto virtually any street rail or crossing, maximizing tight work windows and night-time work outages.

### FEATURES AT A GLANCE

- **Compact Design:** Navigate tight spaces and work alongside traffic without causing significant disruption
- **High Performance:** Efficiently re-profile rails, remove corrugation, and handle mill scale removal
- **Low Operational Costs:** Cost-effective in its operation, reduces overall maintenance expenses
- **Quiet Operation:** EU noise emission compliant, ideal for urban environments at night
- **Versatile:** Suitable for various rail grinding applications, including re-profiling and corrective grinding to maintain rail integrity and safety

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**

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3900 ARROWHEAD DRIVE | HAMEL, MN 55340 USA

# SPECIFICATIONS

## LORAM MRG SERIES RAIL GRINDER

	MRG RAIL GRINDER
Length	15 ft 11 in (4845 mm)
Width	6 ft 5 in (1900 mm)
Height	8 ft 1 in (2450 mm)
Maximum Axle Weight	14,800 lbs (6700 kg)
Grind Motors	Electric motor-spindle unit
Grind Speed	Variable up to 6000 rpm
Travel Speed	Up to 12.4 mph (20 km/h)
Gradeability	Up to 6%
Minimum Grind Radius <sup>1</sup>	Approximately 97° or 59 ft (18m)
Minimum Travel Radius	Approximately 97° or 59 ft (18m)
Grind Angles	45 deg field to 90 deg gauge
Generator Power <sup>1</sup>	Diesel-electric by generator 110 kw
Fuel Capacity <sup>1</sup>	37 gal (140 L)
Water Capacity <sup>1</sup>	53 gal (200 L)
Track Gauge	39.4–56.5/65.7 in (1000–1520 mm)

<sup>1</sup> actual curving capability is dependent on railway infrastructure  
Specifications subject to change

### MRG Series Optional Equipment Feature:

- Optional non-contact transverse rail profile measurement system
- 6 or 8 stone configuration
- EU noise emission compliant, ideal for urban environments at night
- Quickly deploy proximal to worksite, start grinding in a matter of minutes\*
- Gauge convertible down to meter-gauge
- Sharp curve grinding radius



### SERVICE & SUPPORT

With a 70-plus year 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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