



**MORE PRECISION.  
MORE POWER.  
DOUBLE THE PRODUCTIVITY.**



## **RGI SERIES**

### **PRODUCTION AND SPECIALTY RAIL GRINDER**

**The Loram RGI Series Rail Grinder** delivers the same high levels of productivity found in Loram's workhorse RG400 Series Mainline Rail Grinder, but in a reduced platform footprint designed for the clearance, curve radius and weight restrictions of most European commuter rail and freight lines.

Featuring powerful 30 hp motors for the most efficient and precise metal removal, the RGI Series is a complete rail grinding solution delivering high-performance production rail grinding that meets UIC and EN13231 grind quality standards required for high speed rail. The RGI is also dual-purpose as it offers the precision, nimble performance and versatility to function as a specialty rail grinder.

The RGI effectively restores the proper rail profile, eliminates corrugation and removes surface defects with greater precision and speed than any other machine in its class. RGI Series Rail Grinders can meet specific requirements with a variety of machine sizes ranging from 16 to 96 grind stones.

From the demands of corrective and specialty rail grinding to rail systems with fully-developed preventative programs requiring production rail grinding, the robust RGI Series delivers extraordinary value, versatility and performance.

#### **FEATURES AT A GLANCE**

- **Industry-leading 30 hp (22.4 kW) motors** for the most efficient metal removal, optimizes grind time and reduces cost
- **Ability to vary surface finish** through variable power reductions to grind motors
- **Independent tilt and shift** grind modules for total grind pass coverage
- **Eco-friendly** dust control system and hydraulic fluid
- **Machines can be quickly joined** to expand machine size and performance
- **Meets UIC specifications**, weights and clearances, EBA certification and EN 13231 grind standards

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**



LORAM.COM | 1-800-328-1466  
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3900 ARROWHEAD DRIVE | HAMEL, MN 55340 USA

# SPECIFICATIONS

## LORAM RGI SERIES PRODUCTION AND SPECIALTY RAIL GRINDER

	RGI SERIES RAIL GRINDER
Length <sup>1</sup>	Configuration dependent
Width	10.2 ft (3.1 m)
Height	13.8 ft (4.2 m)
Maximum Axle Weight <sup>1</sup>	Up to 24.8 ton (22.5 tonne)
Grind Motors	16 to 96; 30 hp (22.4 kw) each
Grind Speed	2 – 12 mph (3 – 20 km/h)
Travel Speed	Self-propelled up to 60 mph (100 km/h)
Gradeability	Up to 3%
Minimum Grind Radius <sup>1</sup>	10° – 13° curve (130 – 180 m radius)
Minimum Travel Radius	17° curve (100 m radius)
Grind Angles	70° Gauge – 30° Field or 75° Gauge – 25° Field (100° range)
Generator Power	Up to 2.7 Mw, 480 Vac/60 Hz, 3 ph
Fuel Capacity <sup>1</sup>	Up to 3,600 gal (13,600 L)
Water Capacity <sup>1</sup>	Configuration dependent
Track Gauge	39.4 – 63 in. (1,000 – 1,600 mm)

<sup>1</sup> Configuration dependent  
Specifications subject to change



### SERVICE & 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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