



**QUICK-DEPLOY, ROAD TRANSPORTABLE
RAIL GRINDING WHERE IT IS NEEDED.**

RGT SERIES

TRUCKABLE RAIL GRINDER

Loram's Truckable Rail Grinder (RGT) is the most flexible, portable, productive, and efficient rail grinding solution offered today. Whether grinding switches, level crossings, open rail, or areas of defect remediation, RGT offers significant operational and business advantages compared to traditional solutions. RGT provides a strong and safe rail maintenance option to deliver a cost-effective rail program. The RGT is ideally suited for defect removal in heavy haul applications as it is a cost-effective solution compared to rail replacement efforts. In addition, the RGT is versatile and powerful enough to grind switches, embedded rail, and mainline track for both transit and heavy haul railroads.

RGT consists of a hi-rail tractor and trailer-mounted 8-stone grind buggy that is U.S. and Canadian Department of Transportation and railroad certified. RGT's combination of productivity and robustness with a highly mobile platform makes it an effective defect remedy solution. As RGT can travel over road or on track, its transportability allows it to be a quick-deploy solution and rapidly remove rail defects while also retaining many of the same features of our specialty and production rail grinders. Within minutes of arrival, the machine can typically mount the rail at 32-foot wide crossings with typical signaling, or at smaller crossings when signaling equipment is farther away or not present.

FEATURES AT A GLANCE

- **Self-contained, high-rail equipped grinding trailer** DOT-certified fifth-wheel with dust collection
- **Tier 4 Engine** with Genset (240 kW)
- **Foul & clear track at ≥ 32 foot** (9.8 meter) level crossings in minutes
- **Features Loram's NavPro** software
- **Fully Flexible Grinding Buggy** with eight 30 hp (23 kW) electric motors
- **5-minute deploy** and recovery times typical

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
SALES@LORAM.COM | 763-478-6014
3900 ARROWHEAD DRIVE | HAMEL, MN 55340 USA

SPECIFICATIONS

LORAM RGT SERIES TRUCKABLE RAIL GRINDER

	RGT SERIES RAIL GRINDER
Length	67 ft (20 m)
Road Width	8.5 ft (2.5 m)
Track Width	8.75 ft (2.68 m)
Height	10.8 ft (3.3 m)
Maximum Axel Weight	10.4 ton (9.4 tonne)
Weight-Wet	80,000 lbs (36,287 kg)
Track Gauge	56.5 in (1,435 mm)
Gradeability	Up to 6%
Minimum Grind Radius	200 ft (61 m) radius; 29° curve*
Minimum Travel Radius	90 ft (27.4 m) radius; 67° curve*
Grind Speed	4.8 to 9.3 mph (3 to 15 km/h)
Road Travel Speed	Up to 70 mph (113 km/h)
Track Travel Speed	Up to 20 mph (32 km/h)
Grind Motors	Eight 20 hp (15 kW) or 30 hp (23 kW) each
Grind Angles	75° gauge to 25° field (100° range)
Water Capacity	250 gal (946 L)
Generator Power	240 kW

* Actual curving capability will be depending on railway infrastructure
Specifications subject to change

RGT Series Additional Features & Benefits:

- Efficient highway transport between work locations
- Driver and pilot plus grind operator in tractor
- Multipurpose machine (mainline, specialty, SSC removal)
- High-rail equipped DOT-certified fifth-wheel rail grinder
- Able to travel on virtually any North American roadway without special permits
- Deploy or recover in less than five minutes at an access point
- Deployable and recoverable at 32 ft (9.8 m) wide rail access crossings with typical signaling devices near crossing or on crossings as small as 16 ft (4.9 m) with no signaling
- Grind stone application flexibility, capable of using either 6 inch (150 mm) and 10 in (250 mm) stones with standard, medium or fine grit
- Can grind wide range of angles in all specialty trackwork
- 250 gal (947 L) onboard water storage, pump and hose for fire safety



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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