

LORAM®

RG400 SERIES RAIL GRINDERS



There is a Better Way to Rail Grind

Protect your rail investment by
extending its life.

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 a proven history for innovation, Loram Maintenance of Way continues to design, develop, and deliver the services and equipment railroads need to remain competitive and profitable.

The RG400 Series Production Rail Grinder is the result of Loram's intense dedication and focus on the latest technology for improving rail grinding **speed, performance, and reliability**. This next generation rail grinder represents the most advanced and productive rail grinder in the world.

Optimal Performance.

With the capability to grind up to 20 mph, the RG400 Series Rail Grinders are a railroad's best choice for maximizing available track time while lowering unit cost. These highly advanced rail grinders offer:

- Higher stone counts
- Shorter machine lengths
- Higher water capacities
- Advanced grind controls
- Improved traction systems
- Dynamic braking system

State-of-the-art rail measurement and vision systems ensure the right amount of metal is removed in the right place to maximize the life of the rail.

Enhanced Safety.

The RG400 Series incorporates more safety features such as a hot rail alert system, ergonomic operator cab, buggie derail protection, and walk around water cars to ensure a safe work environment for Loram and railroad employees.

Eco-Friendly.

Eco-friendly features including an integrated auxiliary engine to reduce fuel consumption and emissions, environmentally friendly hydraulic fluid, enhanced fire detection and suppression systems, and robust dust collection systems demonstrate the new "green" standard in rail grinding. .

Reliable Service and Support.

With more than 30 years of rail grinding experience, Loram brings its "partnership" approach to working with all of its customers. If you are looking for increased safety and productivity, while maintaining "just right" metal removal, then Loram's RG400 Series is the rail grinder of choice!

For more information visit www.loram.com or call 763.478.6014.

Specifications

LORAM RG400 PRODUCTION RAIL GRINDER

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| Length: | 500 – 700 feet |
| Width: | 120 inches |
| Height: | 186 inches |
| Total Weight: | 182,000 lbs. |
| Maximum Weight / Non-Driven Axle: | 44,000 lbs. |
| Maximum Weight / Water Car Axle: | 72,000 lbs. |
| Maximum Weight / Drive Axle: | 66,000 lbs. |
| Generator Power: | Up to 5.0 Mw (4.4 Mw–Prime), 480 Vac/60 Hz, 3 ph |
| Fuel Storage: | 10,000 gallons |
| Water Capacity: | 25,000 – 75,000 gallons |
| Grinding Angles: | 70° gauge – 30° field (100° Range) |
| Grind Speed: | 1.2 – 20 mph |
| Track Gauge: | 56.50 inches |

Subject to change depending on consist configuration



The modular design enables the railroad to specify between 60 and 150 stones, depending on territory and railroad needs.



Ditch and tie sprays, foam, spark blankets, hose reels, and mini-monitors are used in combination to enhance fire suppression.



Custom built, walk-around water cars hold up to 25,000 gallons of water per car, allowing the consist to carry up to 75,000 gallons while providing a safe work environment for Loram and railroad employees..



LORAM

Speed, Performance, and Reliability

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