



RUSSELL
Mill Liner Handler

The **RUSSELL 3 1000 Mill Liner Handler** gives smaller mills the certainty of industry-best quality and reliability with the means to significantly improve mill availability and safety. Robust to handle liners up to 1000kg and a minimal footprint outside the mill, the RUSSELL 3 is field-proven as a safer and affordable mechanised mill relining solution.



BENEFITS

- Opportunity to optimise liner design
- Enables safe relining of smaller SAG and Ball mills
- Eliminates repetitive and high-risk manual lifting
- Efficient and safe transport of new and worn liners via a powered liner cart
- Customised to suit the needs of each unique site for liner weight, concentrator plant configuration, mill type and size
- RME's quality Asset Support solutions maximise asset performance and productivity throughout mill life cycle



The RUSSELL 3 1000 is a three-axis Liner Handler for small to medium sized mills and suits those applications beyond the MILLMAST Powershift Liner Handler 400kg capacity limit, at sites where there are no space limitations outside the mill.

Clemens Geiges

Global Manager - Small Mill Solutions, RUSSELL MINERAL EQUIPMENT

INTEGRATION-READY

The RUSSELL 3 1000 is most effectively used in combination with RME's Liner Bolt Removal Tools (LRTs) including THUNDERBOLT Hammers ▪ THUNDERBOLT Recoilless Hammers are specifically designed for relining all sizes and types of grinding mills

RME is the world's leading Original Equipment Manufacturer (OEM) of mill relining systems.

440+

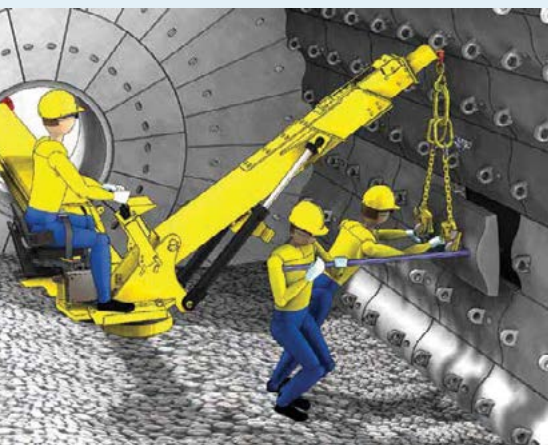
Mine sites served by RME equipment and services



45+

RUSSELL 3 Mill Liner Handlers sold worldwide





FEATURES

- Three-axis liner suspension crane mechanism for fast, reliable, safe operation
- Liner lifting capacity up to 1000kg
- Fixed rigging eye for use with liner lifting slings and RME's O-ZONE liner lifting tools
- Options for machine movement include a lift in/lift out base, Single Direction Rail or Rubber-Tyred 3 x 1 (three wheels with one driven wheel)
- Telescopic beam (depending on mill size)
- Faster and safer transport of worn and new liners via a powered liner cart or powered roller conveyor
- Ergonomic operator seat and controls
- Supplied with the THUNDERBOLT Hydraulic Power Pack that delivers powerful, reliable and precise operator control
- Engineered and manufactured to order for liner design and weight, plant layout, mill type and size
- Supported by RME Site Services & Optimisation through commissioning, training and service life to maximise asset performance and productivity



APPLICATIONS

- Available for mills 10ft to 28ft in diameter and 12ft to 30ft in length
- Accesses mill from the feed end where there is a minimum clear entry diameter of 800mm
- Offers an efficient and safe mechanised mill relining solution for smaller SAG and Ball mills with liners between 400kg and 1000kg
- Ideal for sites serviced by manual relining that are beyond the capacity of RME's MILLMAST Mill Liner Handlers, but don't have the plant space or mill economics to procure a RUSSELL MRM



INTEGRATION-READY

- O-ZONE worn liner lifting tools
- Can be paired with THUNDERBOLT Recoilless Hammers for a complete relining solution



LEARN MORE

- product.management@rmeGlobal.com
- RME Regional Service Centre
- rmeGlobal.com

WE ARE RME



RME was born 35+ years ago with a strong resolve to address our Customers' challenges. Since then, the RME Mill Relining System has quartered our Customers' time-to-reline and eradicated a great many safety issues. This same pursuit continues to drive the development of RME INSIDEOUT Technology which aims to eliminate fatal risk by enabling relining from outside the mill.

Cherylyn Russell

Chief Customer Officer, RUSSELL MINERAL EQUIPMENT