



**RUSSELL**  
Mill Relining Machine

The **RUSSELL Liner Lever™** securely attaches to the RUSSELL Mill Relining Machine (MRM) grapple to improve overall equipment effectiveness and crew safety during the high risk 'knock-in/mucking out' process. This configurable RUSSELL MRM accessory combines the practical power of multiple point tools – pry bar levers, pickers and scrapers – into a highly versatile integrated unit. The RUSSELL Liner Lever makes it faster and easier to remove worn liners, assists the reduction in mill downtime and protects the RUSSELL MRM grapple from unnecessary damage.



**BENEFITS**

- Safely removes crews from the dangerous fall zone during worn liner removal
- Faster and easier removal of worn liners and rubber backing remnants
- Avoids risk of machine damage due to common reline practices that exceed the machines operating parameters
- Engineered-to-order to suit each unique RUSSELL MRM and mill environment
- Manufactured for strength, toughness, impact resistance and durability
- Speeds up manual processes for faster relines, reduced downtime and increased mill availability



The RUSSELL Liner Lever is an essential piece of equipment that makes an incredible impact on relining safety and performance. It's helping our Customers to substantially reduce reline time, reduce exposure to risk and preserve their critical RUSSELL MRM asset from damage.

**Tarnya McBurney**

Product Manager - RUSSELL Mill Relining Placement Machines & RUSSELL Feed Chute Transporters, RUSSELL MINERAL EQUIPMENT



The RUSSELL Liner Lever is a critical piece of safety equipment for using with the RUSSELL Mill Relining Machine in the Porgera Gold Mine mills, hence we cannot reline our mills without it being available.

**Process Manager**

Barrick (Niugini) Limited

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



**440+**

Mine sites served by RME equipment and services



**500+**

RUSSELL MRMs sold worldwide



*A heavy-duty, highly-versatile 3-in-1 configurable utility tool*



## FEATURES

- Highly-versatile tool which enables the RUSSELL MRM grapple head to manipulate, pin into and pick up
- Triple functionality with multiple crow or pry bars, pickers and scraper plates for worn liner removal tasks and applications
- Ultimate flexibility to configure the unit before attaching it to the RUSSELL MRM
- Improves equipment capabilities and extends life of primary RUSSELL MRM asset
- Custom manufactured to meet RUSSELL MRM technical specifications
- Pairs seamlessly with the grapple on RME's flagship RUSSELL MRMs
- Delivers the same range and degrees of motion being closely-coupled to the hydraulic grapple
- Expertly handles high-impact and heavyweight loads without damage to the grapple
- Provides a practical alternative to incorrect use of the RUSSELL MRM grapple and minimises repair costs



## APPLICATIONS

- Reduces safety risk and improves performance when prising stuck liners
- Heavy-duty multipurpose RUSSELL Liner Lever improves overall equipment effectiveness by stripping the rubber backing remnants from the mill shell to complete the clean-up operation
- Eliminates the need for crews to be exposed to unattached liners, or in hard to see/blind spot areas at the front of the machine


## LEARN MORE

-  [sales@rmeGlobal.com](mailto:sales@rmeGlobal.com)
-  RME Regional Service Centre
-  [rmeGlobal.com](http://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 is driving our development of RME INSIDEOUT Technology which helps Customers eliminate fatal risk by enabling relining from outside the mill. 

### Cherylyn Russell

Chief Customer Officer, RUSSELL MINERAL EQUIPMENT