



The **THUNDERBOLT MAGNUM 1000** is the industry's most productive recoilless hammer yet. Its impressive, accelerated strike rate and high velocity rapid fire is proven to shorten the critical knock-in phase during mill relines. The THUNDERBOLT MAGNUM 1000's versatile productivity will excel in a wide range of environments and deliver increased mill availability through fast, reliable and safe relines.



## BENEFITS

- Precision engineered for unrivalled longevity, reliability and performance in the industry
- Reduced servicing intervals and lifecycle costs
- Improved component accessibility for ease of maintenance
- Optimised asset health with intelligent on-board monitoring
- Unsurpassed operator safety with advanced new shock reduction and ergonomics
- Hammer productivity consistently high which means reduced knock-in duration, faster relines and increased mill availability



With an unwavering rapid fire rate of up to 160 blows per minute, and up to 1000 joules per blow, the THUNDERBOLT MAGNUM 1000 outperforms every other general-purpose liner bolt removal tool when it comes to knock-in work rate, speed and safety. ▣▣

### David Groves

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### INTEGRATION-READY

**THUNDERBOLT MAGNUM Power Pack • THUNDERBOLT MAGNUM Mobile Jib • THUNDERBOLT Winch • THUNDERBOLT T-MAG Moil Axis Guides • RUSSELL Protective THUNDERBOLT Shield • THUNDERBOLT SKYWAY • RUSSELL Elevating Platforms**

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

**380+**

Mine sites served by RME equipment and services.



**860+**

THUNDERBOLT Recoilless Hammers sold.





## FEATURES

- New operator-programmable ‘MAGNUM Mode’ for precision safety and more granular control
- High-energy blow impact at 1000 joules per blow in MAGNUM Mode (33%↑) and 750 joules in standard mode<sup>1</sup>
- Consistent, electronically-controlled rapid fire rate of 140 blows per minute (BPM) in MAGNUM Mode (55%↑) and 160 BPM (77%↑) in standard mode<sup>1</sup>
- Extended service intervals at 100,000 blows (150%↑)<sup>1</sup>
- Groundbreaking recoil dry fire shock reduction (90%↓) minimises machine stress and operator fatigue<sup>1</sup>
- Removable casing for easier component accessibility and superior reparability
- Electronically-managed dual-action contact trigger safety mechanism eliminates risk of accidental firing
- Redesigned hydraulic systems for improved operational safety and use
- Integrates with the new THUNDERBOLT MAGNUM Power Pack, which is also interchangeable between the THUNDERBOLT MAGNUM 1000 and 2000 models

<sup>1</sup> Compared to the THUNDERBOLT 750 Special Performance Recoilless Hammer

## APPLICATIONS

- Excels in a wide range of mill applications and high wear relines of small, medium and large SAG mills by offering quantifiable time-saving gains to Customers
- Combines a powerful rapid fire rate with intelligent, cutting-edge technology for consistently fast, reliable, safe relines
- RME stands ready to guide Customers through the THUNDERBOLT selection process for their mill requirements



## LEARN MORE

- THUNDERBOLT MAGNUM Mobile Jib Product Brief
- [product.management@rmeGlobal.com](mailto:product.management@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