



THUNDERBOLT 500 *Recoilless Hammers*

The **THUNDERBOLT 500 Recoilless Hammer** is the industry's top-of-the-line pneumatic liner bolt removal tool. Gone are the days of sledge hammer miss swings and glancing blows, this hammer generates a precise 500 joules every second consistently. Ideal for small and mid-capacity mills, the THUNDERBOLT 500 will straightaway boost safety and mill availability.



BENEFITS

- Precision-engineered mechanically-integrated solution
- Pneumatic-powered for safe operation in hazardous locations
- Industry-leading robustness and reliability
- Low maintenance needs and total lifecycle costs
- Eliminates dangerous manual tasks, ensures operator safety
- Improves reline productivity for higher mill availability



The THUNDERBOLT 500 is undeniably the reline industry's highest performing air powered recoilless hammer. Not only does it pack a punch during knock-in, but it puts an emphatic end to unsafe liner bolt removal processes which impact the health and safety of your crew.

Christian Kramer

THUNDERBOLT Product Manager, RUSSELL MINERAL EQUIPMENT

INTEGRATION READY

THUNDERBOLT Pneumatic Winch ▪ **THUNDERBOLT** T-MAG Moil Axis Guides ▪ **RUSSELL** Protective **THUNDERBOLT** Shield ▪ **THUNDERBOLT** Twin Tube Monorail ▪ **THUNDERBOLT** Mobile Elbow Jib

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





RUSSELL
MINERAL EQUIPMENT

PRODUCT BRIEF 
THUNDERBOLT 500



FEATURES

- Pneumatic-powered, plug-n-go, worn liner bolt removal solution
- Delivers an unwavering 500 joules of impact, 60 times a minute
- Recoilless design minimises operator fatigue and maximises safety
- Built-in safety mechanisms to prevent accidental discharge
- Air intensifier for optimal hammer performance irrespective of plant air pressure
- On-board blow counter monitors usage for preventative maintenance planning
- Time-proven precision engineering and parts manufacturing ensure low wear and tear and extended service life
- Air regulator ensures optimal, predictable hammer firing performance
- Crane lifting lugs and forklift tyne pockets for easy transportation around mill circuits
- Mechanically-integrated components – air intensifier, hammer, hose reel, moils – for space-efficient, secure storage between relines



APPLICATIONS

- Ideal for small to mid-capacity mills, particularly those still serviced by manual sledge hammering and battering rams
- Suitable for use in environments where electrical tools are a potential hazard
- A flexible companion to hydraulic-powered THUNDERBOLT 750 and 1500 SP Recoilless Hammer fleets
- RME stands ready to guide Customers through the THUNDERBOLT selection process for their mill requirements

LEARN MORE



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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 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

RME has operations and personnel in | Asia-Pacific | Europe | Africa | South Africa | North America | Central America | South America | Middle East