

Metso

Tube Mill Reline Machine



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The Metso Tube Mill Reline Machine (Tube MRM) is a compact relining solution for smaller SAG and ball mills. The patented tube design minimizes the required mill opening size while maximizing the usable open area for liner delivery.

The Tube MRM features industry-leading safety systems and is backed by Metso's full range of support services.

Safe and efficient relining of smaller mills

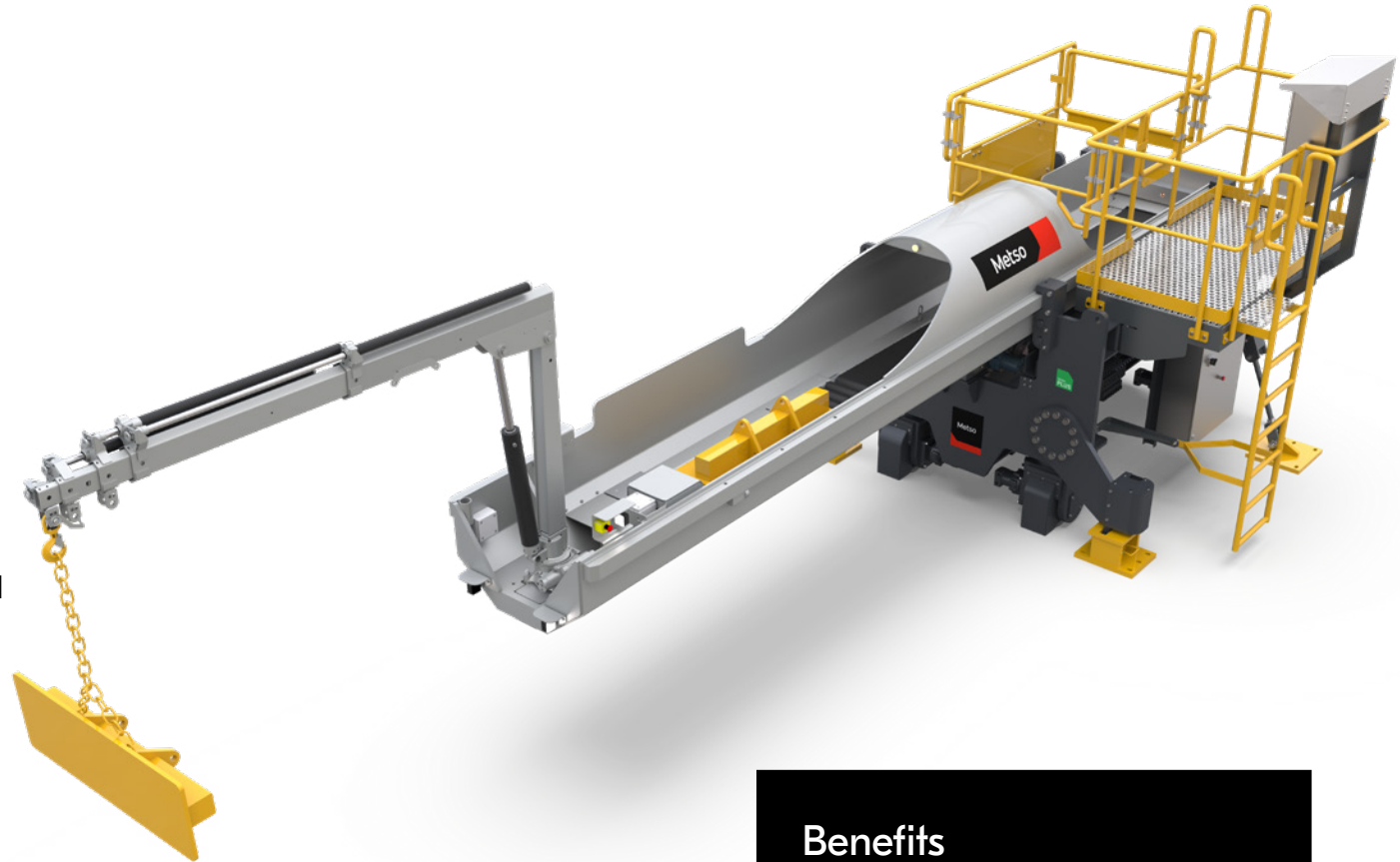
Mechanical assistance is a critical requirement for safe relining and is often challenging in smaller SAG and ball mills. The Metso Tube MRM provides fixed three-axis hydraulic crane support for relining tasks in mills that are unsuitable for traditional reline machines. This ensures stable lifting and minimizes time lost during mill inching.

Lower capital cost and simplified maintenance

The main tube structure maximizes both the structural support through small mill openings and the open space available for liner delivery. This streamlines the relining process by allowing the machine to use a high-capacity crane and large liner designs. The simple tube design decreases both maintenance requirements and machine cost due to the reduced number of moving components.

Industry-leading safety features

A range of safety systems is provided as standard to provide the highest possible level of protection for personnel. Rated capacity limiting and installation monitoring mitigate the risk of instability and overload during operation, while remote-control operation and hydraulic spool monitoring prevent unexpected machine movement. All safety systems can rapidly cut hydraulic power if a dangerous situation is detected.



Benefits

- Enables safe relining of smaller SAG and ball mills unsuitable for traditional reline machines
- Easier navigation of small mill decks enabled by on-the-spot pivot turning
- User-friendly operation



User-friendly interface

Maintenance is greatly simplified thanks to the built-in multi-language display that provides diagnostic information for all aspects of the machine. System alerts and USB data-logging capabilities assist with optimizing relining tasks. Remote connectivity is available for applications where the ability to monitor machine operation online is desirable.

Comprehensive service support

As your service partner, we ensure that every Tube MRM is backed by service solutions that maximize performance and productivity throughout the mill life cycle.

Our services portfolio includes:

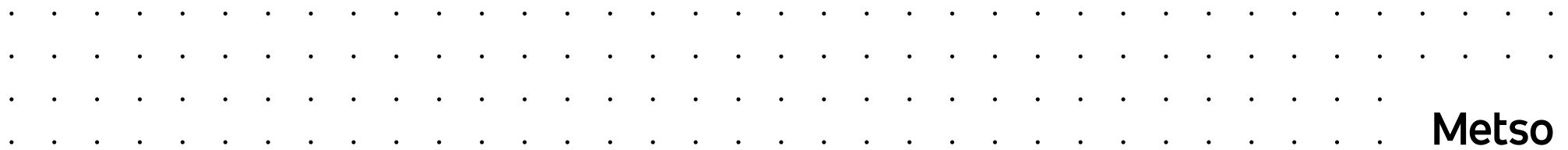
- Full mill reline equipment packages including a Metso Mill equipment Transporter, Metso Tube MRM, bolt hammers, and support tooling
- Equipment inspection, maintenance, and training services
- Remote troubleshooting support
- OEM spare parts and spare parts advisory services, and easy online parts identification and ordering

Benefits

- Lower capital cost and simplified maintenance due to simple tube structure
- Multi-language display
- Backed by service solutions that maximize performance & productivity throughout the mill life cycle

Metso is a frontrunner in providing sustainable technologies, end-to-end solutions and services for the aggregates, minerals processing and metals refining industries globally. By helping our customers increase their productivity, improve their energy and water efficiency and environmental performance with our process and product expertise, we are the **partner for positive change**.

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