



// ONE BRAND // ONE SOURCE // ONE SYSTEM



Industrial Solutions
Mining



COPPER

From raw to ore

Every industry is different, as is every plant. The processing of raw materials, minerals and ores requires plant machinery and equipment to be operating efficiently at all times. REMA TIP TOP Industrial Solutions gives copper plant operators a complete range of conveyor belting and components, wear protection and surface protection solutions tailored to the specific needs of your plant.



Mining



Coal



Copper



Gold



Iron Ore



Lithium

COPPER

As we continue to move toward a sustainable and energy efficient future, the use of copper will be essential. Copper's inherent recyclability makes it a key material in the global movement toward clean energy and a circular economy.

Its use in electric motors, transformers, solar and wind energy systems and infrastructure has seen demand for copper soar. Copper is central to electric vehicle technologies and supporting infrastructure. By 2027, it is expected that the demand for copper to be used in electric vehicles will increase by 1700 kilotons, significantly impacting global copper demand.

As such, this demand will have a substantial impact on global copper demand and the copper industry is committed to maintaining the sustainability of this demand worldwide.

From ore extraction to the final copper product, REMA TIP TOP offers effective products and engineered solutions paired with our leading preventative maintenance strategies to guarantee the performance, lifecycle, and maintenance costs of operating your plant.



Minerals

YOUR REMA TIP TOP PRODUCTS & SERVICES PORTFOLIO



Belting



Pulley
Lagging



Impact
Bed/Bars



REMA
Technology
& Monitoring



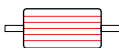
Wear
Rubber
Linings



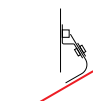
Idlers,
Rollers &
Trackers



Bearings*



Pulleys



Skirting
Systems



Safety
Equipment*



Belt
Cleaning
Systems



Ceramics



Adhesives



Heavy
Wear
Protection



Rubber
Steel
Plates



Anti-
Caking



24/7
Service



Engineering



Tools
Repair System



Fluoro-
polymer
Linings



Coatings



Corrosion
Rubber
Linings



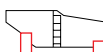
Brick
Linings



Combined
Linings



Mill Lining

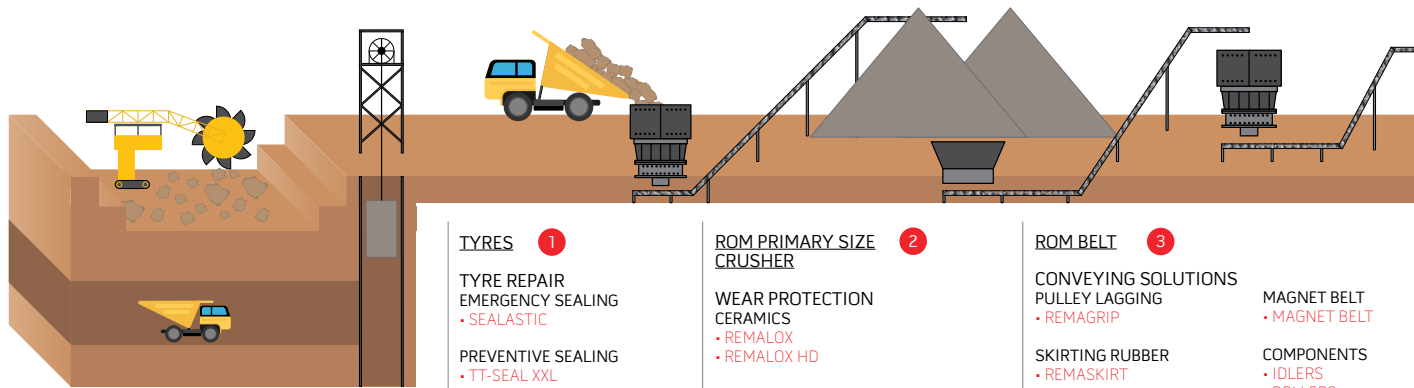


Screening Mats



Vulcanisation Presses

*Please contact your local REMA TIP TOP representative for availability



1 EXCAVATION

RUBBER LINING
• REMALINE
• PERFORMANCE LINE

POLYURETHAN
• REMATHAN

WEAR PROTECTION
CERAMICS
• REMALOX
• REMALOX HD

1 TYRES

TYRE REPAIR
EMERGENCY SEALING
• SEALASTIC

PREVENTIVE SEALING
• TT-SEAL XXL

PERMANENT REPAIR
• RADIAL PATCH RAD100
SERIES
• CEMENT OTR

2 ROM PRIMARY SIZE CRUSHER

WEAR PROTECTION
CERAMICS
• REMALOX
• REMALOX HD

RUBBER LINING
• REMALINE
• PERFORMANCE LINE

POLYURETHAN
• REMATHAN

3 ROM BELT

CONVEYING SOLUTIONS
PULLEY LAGGING
• REMAGRIP

SKIRTING RUBBER
• REMASKIRT

FEEDING SYSTEM
• REMASLIDE

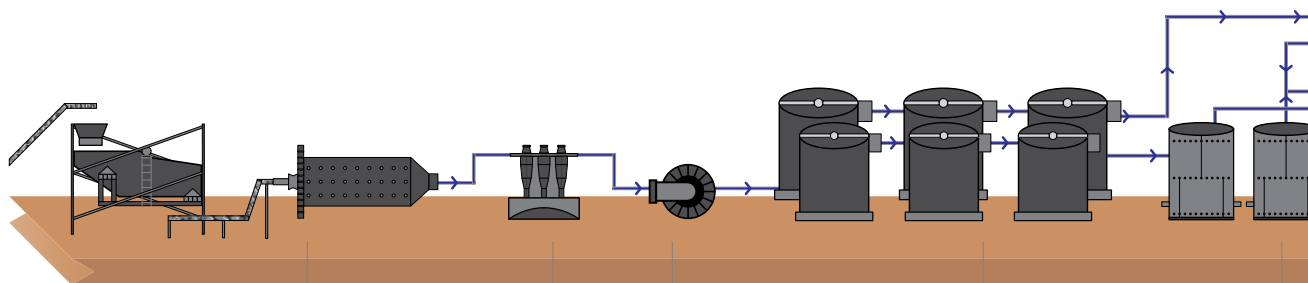
ANTI CAKING
• REMATHAN

BELTING
• STEEL CORD
• FABRIC
• SOLID WOVEN

MAGNET BELT
• MAGNET BELT

COMPONENTS
• IDLERS
• ROLLERS
• TRACKERS

TECHNOLOGIES
REMA MCUBE
• BELT THICKNESS M
• SCS STEEL CORD SC
• RIP GUARD DETECTI



4 MILL

MILL LINING
REMAMILL SYSTEM
• RUBBER LINING
• LIFTER BARS
• PROFILES
• DISCHARGE PLATES

4 PRIMARY CLASSIFYING CYCLONE

WEAR PROTECTION
RUBBER LINING
• REMALINE
• PERFORMANCE LINE

POLYURETHAN
• REMACOAT

CERAMICS
• DIRECT BOND TILES

4 CONCENTRATE PUMP

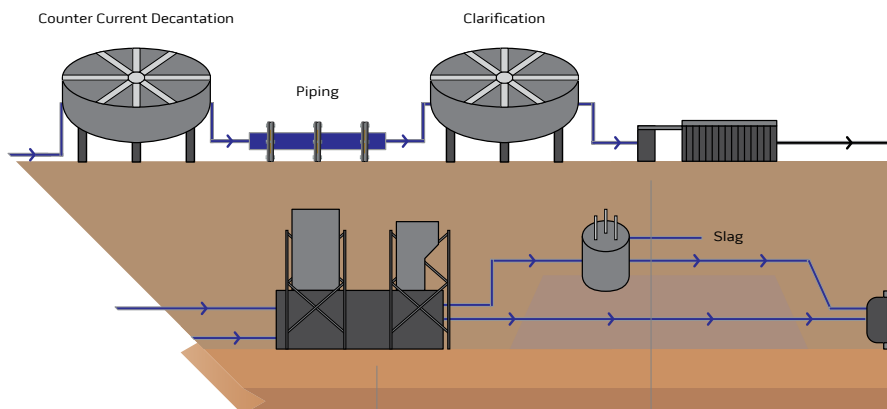
WEAR PROTECTION
RUBBER LINING
• REMALINE
• PERFORMANCE LINE

CORROSION
PROTECTION
RUBBER LINING
• CHEMOLINE

4 FLOTATION CIRCLE

WEAR PROTECTION
RUBBER LINING
• REMALINE
• PERFORMANCE LINE

CORROSION
PROTECTION
RUBBER LINING
• CHEMOLINE



4 FLASH FURNACE

CORROSION
PROTECTION
COATINGS
• COROFLAKE
• COROPUR

4 COPPER SOLVENT EXTRACTION

WEAR PROTECTION
CERAMICS
• REMALOX
• REMALOX HD

RUBBER LINING
• REMALINE
• PERFORMANCE LINE

POLYURETHAN
• REMATHAN

4 ANODE FURNACE

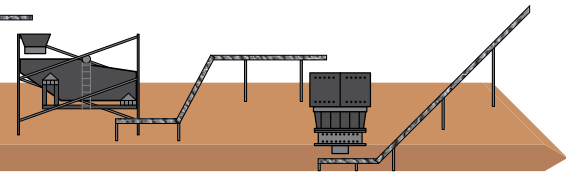
CORROSION
PROTECTION
COATINGS
• COROFLAKE
• COROPUR



PIPING



CONVEYOR SYSTEM



Copper Process

EXCAVATION
PRODUCTS & SOLUTIONS 1

CRUSHING
PRODUCTS & SOLUTIONS 2

MATERIAL HANDLING
PRODUCTS & SOLUTIONS 3

SCREENING & CLASSIFICATION
PRODUCTS & SOLUTIONS 4

CLASSIFYING SCREEN 3

WEAR PROTECTION
RUBBER LINING

- REMALINE
- PERFORMANCE LINE

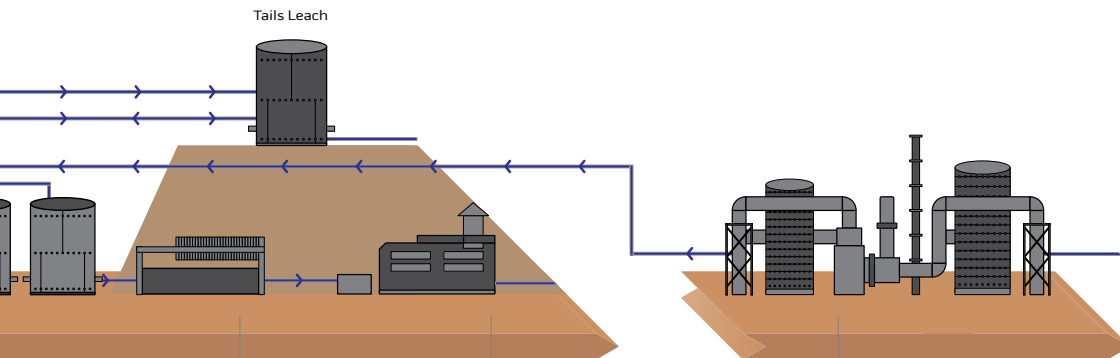
CERAMICS

- REMALOX
- REMALOX HD

SCREENING MATS

- REMASCREEN

MONITORING
ANNER
ON



CONCENTRATE LEACH 4

WEAR PROTECTION
RUBBER LINING
• REMALINE
• PERFORMANCE LINE

CORROSION
PROTECTION
RUBBER LINING
• CHEMOLINE

FILTER PRESS 4

CORROSION
PROTECTION
COATINGS
• COROFLAKE
• COROPUR

WEAR PROTECTION
POLYURETHAN
• REMATHAN

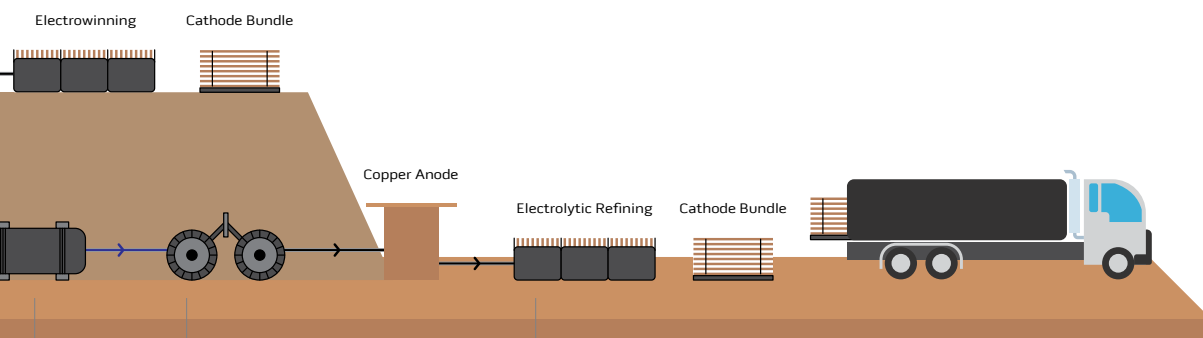
DRYING TOWER 4

WEAR PROTECTION
RUBBER LINING
• REMALINE
• PERFORMANCE LINE

CORROSION
PROTECTION
RUBBER LINING
• CHEMOLINE

ACID PLANT 4

CORROSION
PROTECTION
• CHEMOLINE
• COROFLAKE
• CHEMONIT
• REMACOAT
• COROPUR
• BONDING SYSTEMS
• BRICK & TILE LININGS



CASTING WHEELS 4

WEAR PROTECTION
CERAMICS
• REMALOX
• REMALOX HD

RUBBER LINING
• REMALINE
• PERFORMANCE LINE

POLYURETHAN
• REMATHAN

ELECTROLYTIC REFINING 4

WEAR PROTECTION
CERAMICS
• REMALOX
• REMALOX HD

RUBBER LINING
• REMALINE
• PERFORMANCE LINE

POLYURETHAN
• REMATHAN



Mining



Coal



Copper



Gold



Iron Ore



Lithium

CASE STUDIES

REMALINE MP 40 CN

Quick and efficient installation

In 2017 at a major copper mine in South Australia, we relined a neutralisation tank with REMALINE MP 40 CN. The tank had previously been rubber-lined with



Quick and efficient installation

200m²

Of REMALINE rubber lining used

15yrs

Previously lined for 15 years

REMA TIP TOP rubber lining fifteen years ago and samples taken from the tank showed that the rubber, once cleaned of material, was still in good working condition.

Almost 200 square metres of REMALINE was used on the job, with day and night shift crews working around the clock for seven days to have the tank back up and running.

REMAMILL

Improving mill efficiency

After the implementation of REMAMILL in two ball mills, a copper mine in Australia significantly improved the efficiency of their mills.



Individual, customised design



Improves mill efficiency & output



Reduces energy costs

The mills had been previously lined with steel which had short lifetimes and were unsuitable for the abrasive material passing through. The highly abrasion-resistant REMAMILL 70 rubber lining was recommended by REMA TIP TOP specialists and implemented in the customers mills. This has resulted in prolonged lifetimes and significantly reduced energy costs.



Minerals

TECHNOLOGY & SERVICE

All-in-one service approach

We work closely with our customers to plan, prepare and execute custom solutions that increase the efficiency of their operations.



Complete customer focus



All-in-one service approach



Ongoing service & support

At a copper processing plant in Chile, REMA TIP TOP works closely with our customer to provide continuous and ongoing planning and preparation for each Steel Cord Scan, providing the equipment and support on site to carry out the job. As an all-in-one service provider, our clear and detailed reporting also provides the customer with an overview of the status of their Steel Cord belts.

BELT CLEANERS

Reducing belt cleaner inefficiencies

Prior to the installation of new REMA TIP TOP belt cleaners, a copper mine was experiencing inefficiencies with their existing belt cleaners.

4_{month}

Lifetime with old PU formula

6-10_{month}

Lifetime with NEW PU formula

x2

Increase in lifetime

REMA TIP TOP designed and installed new belt cleaners using our advanced new PU formula, specifically designed for highly abrasive copper material, which are lasting twice as long as the previous belt cleaners. With previous lifetimes of around 4 months, the new belt cleaners are now lasting up to between 6 and 10 months, representing a significant increase.

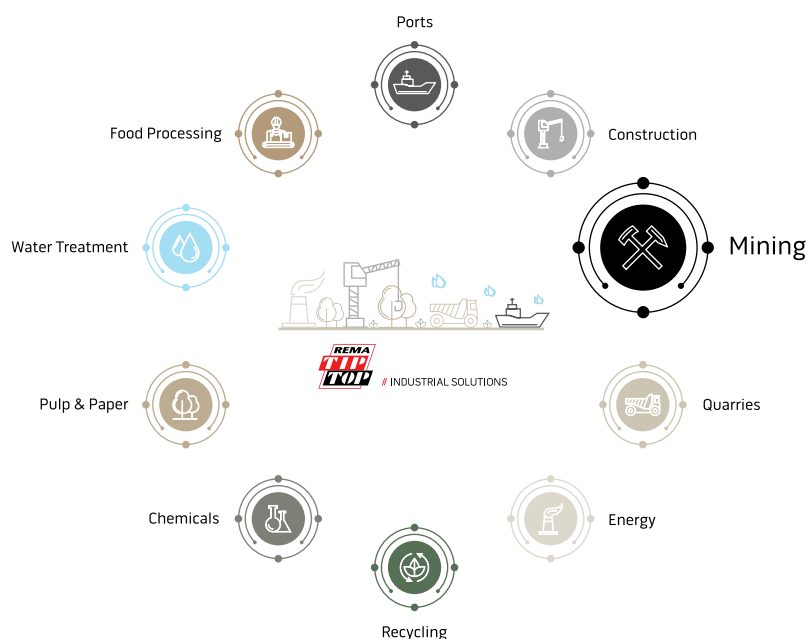


Driving your Performance

OUR SERVICE PROMISE

The REMA TIP TOP group of products are specifically designed with your plant and assets in mind. From wear and surface protection to conveyor technology and components, our products paired with our service solutions warranty to dramatically increase the lifecycle of your assets, lower your maintenance costs and improve the availability of your system.

For decades we have been working on-site with our customers and partners in the development of industry best practice installation, maintenance, and upkeep strategies to optimise your site beyond the benchmarks of your competitors. From developing methodologies and undertaking engineering audits, to implementing data collection technologies and tapping into The Internet of Things, we have the know-how and experience to keep you up and running longer, safer, and more efficiently.



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