



// 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



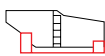
Brick Linings



Combined Linings



Mill Lining

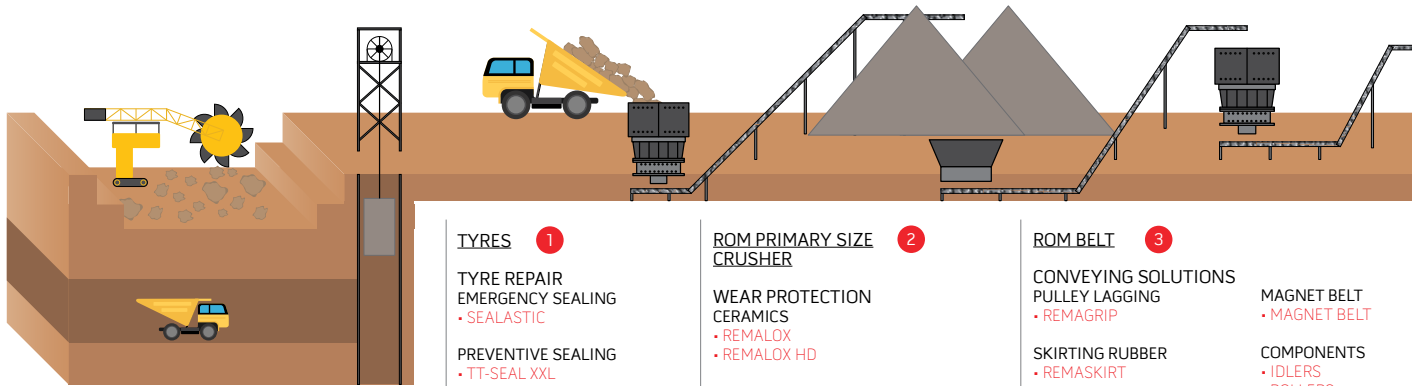


Screening Mats



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

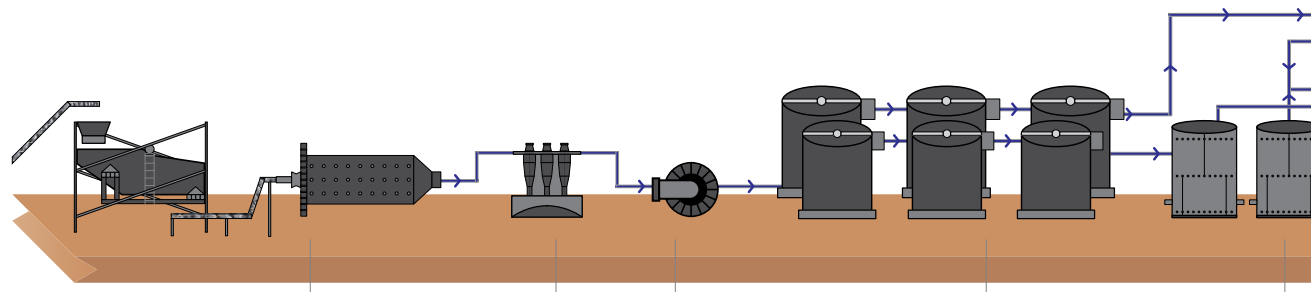
- TYRE REPAIR
- EMERGENCY SEALING
 - SEALASTIC
- PREVENTIVE SEALING
 - TT-SEAL XXL
- PERMANENT REPAIR
 - RADIAL PATCH RAD100 SERIES
 - CEMENT OTR

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 M3UBE
 - BELT THICKNESS M...
 - SCS STEEL CORD SC...
 - RIP GUARD DETECTI...



4 MILL

- MILL LINING
 - REMA MILL SYSTEM
 - RUBBER LINING
 - LIFTER BARS
 - PROFILES
 - DISCHARGE PLATES

4 PRIMARY CLASSIFYING CYCLONE

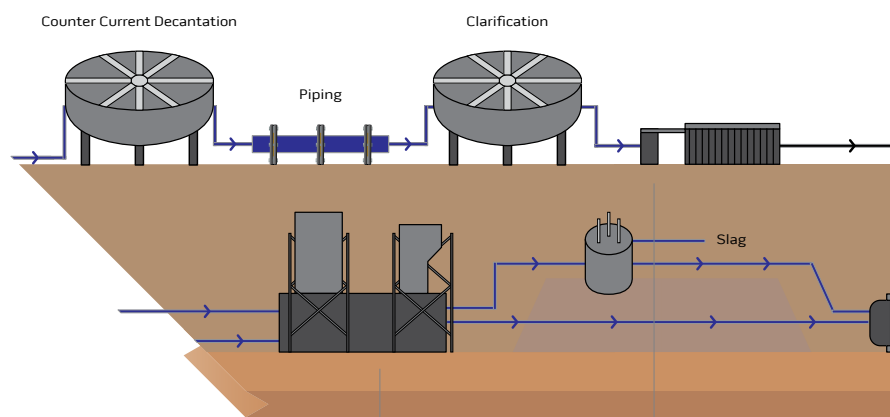
- WEAR PROTECTION RUBBER LINING
 - REMALINE
 - PERFORMANCE LINE
- POLYURETHAN
 - REMACOAT
- CERAMICS
 - DIRECT BOND TILES

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

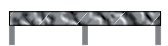
- WEAR PROTECTION CERAMICS
 - REMALOX
 - REMALOX HD
- RUBBER LINING
 - REMALINE
 - PERFORMANCE LINE
- POLYURETHAN
 - REMATHAN

4 ANODE FURNACE

- CORROSION PROTECTION COATINGS
 - COROFLAKE
 - COROPUR



PIPING



CONVEYOR SYSTEM

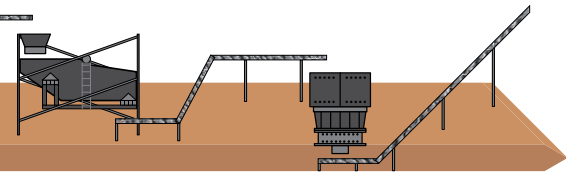
Copper Process

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

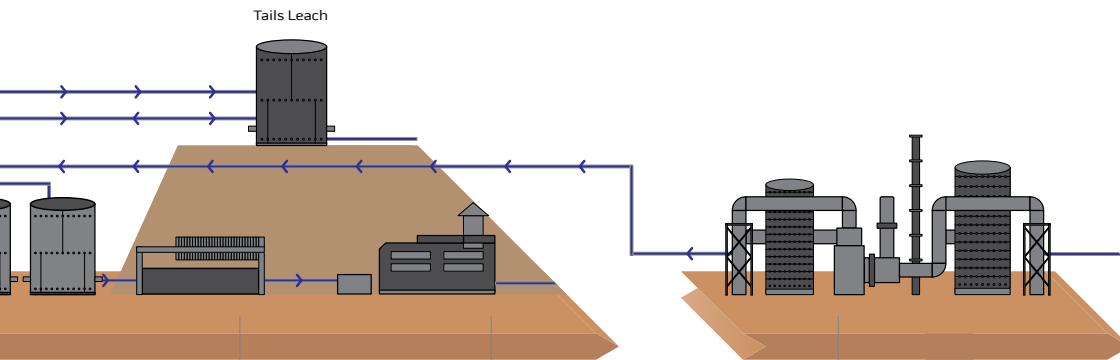
CERAMICS

- REMALOX
- REMALOX HD

SCREENING MATS

- REMASCREEN

MONITORING
CAMERA
VISION



**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

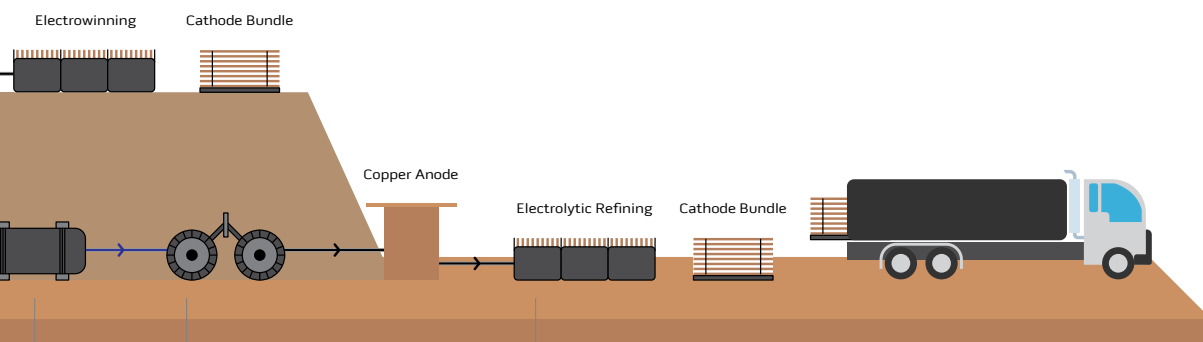
DRYING TOWER **4**

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



CE
ON
ON
IGS
AKE
PUR

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

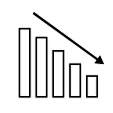
After the implementation of REMAMILL in two ball mills, a copper mine in Australia significantly improved the efficiency of their mills.



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.

4month

Lifetime with old PU formula

6-10month

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.



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

REMA TIP TOP AG
 Gruber Strasse 65 · 85586 Poing / Germany
 Phone: +49 8121 707-100
 Fax: +49 8121 707-10 222
 info@tiptop.de
www.rema-tiptop.com

