

**CONVEYOR
ROLLER
SOLUTIONS**



CONVEYOR
ROLLER
SOLUTIONS



CRS is a supplier of high-quality conveyor products that drive efficiency and reliability across various industries. Our commitment to excellence extends from idlers and composite rollers to steel rollers, pulleys, conveyor belting, cleaners, guarding, and conveyor steelwork, large & small-bore elephant hoses, Mechanical Shafts to any Specification and Pump and motor emergency control.

At CRS, our dedicated team of professionals is geared towards meeting the high demands of planning, and timely delivery. Whether it's mining, quarrying, agriculture, ship loading, or bulk solids handling, we're here to support your operations with top-tier conveyor solutions.

Conveyors are the lifeline of efficient operations and for over 11 years, C R S has helped Mozambique and Angola biggest mining houses process minerals more efficiently, reliably and safely.

- PROFILE
- SERVICES
- PRODUCTS
- BELT TRACKERS
- TROUGH TRACKERS
- BELT SCRAPERS
- BELT SCRAPERS TYPES
- LOADING ZONE IMPACT CONTROL
- IMPACT BEDS
- HDPE AND STEEL IDLERS
- CONVEYOR PULLEYS
- INDUSTRIES



CONVEYOR
ROLLER
SOLUTIONS



NATIONAL FOOTPRINT

CRS is an innovative supplier of high quality conveyor products include conveyor idlers, composite rollers, steel conveyor rollers, pulleys, conveyor guarding, conveyor belt, conveyor steelwork and conveyor accessories, shaft and metal engineering to specifications used in the mining, quarrying, agricultural, ship loading, utility, bulk and material handling industries.

WHAT WE SUPPLY

Our high-quality conveyor products include

- HDPE/UHMWPE GLASS FILLED IDLERS (FIRE RETARDANT AND ECO HDPE) / STEEL IDLERS ANY SPECIFICATION.
- IDLER FRAMES
- CONVEYOR BELTING
- IMPACT BEAD/STATION
- BELT ALIGNMENT FRAMES AND ROLLERS
- CONVEYOR PULLEY'S (ACCORDING TO SPECIFICATION)
- BELT REPAIR SOLUTIONS
- LARGE & SMALL-BORE ELEPHANT HOSES
- MECHANICAL SHAFTS TO ANY SPECIFICATION.
- PUMP AND MOTOR EMERGENCY CONTROL
- HEAVY ENGINEERING





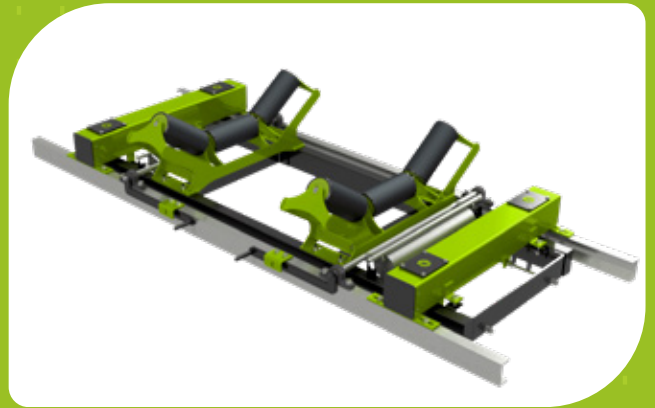
SERVICES

WHY SHOULD YOU CHOOSE CRS?

CRS offers integrated solutions and support services to help drive optimisation of production plants on a sustainable basis. Our broad skill set and expertise allows us to empower industries to continuously improve production. Our product offering is supplemented with the provision of the highest level of technical support and service.

BELT SCALE SERVICES

We are able to provide cost effective and reliable on site calibration and services for your belt scales, providing our customers with the assurance they need.



FIELD SERVICE MAINTENANCE

Our field service technicians conduct regular field service and maintenance site visits, preventative maintenance and lifecycle management to ensure your conveyor system is functioning to its full potential.



CONVEYOR SURVEYS

The CRS Conveyor Survey reports provide comprehensive feedback on the condition and performance of each component in the system, together with photos showing areas of concern, required maintenance and recommendations on how to optimize your entire conveyor system.



CONVEYOR TRAINING

CRS offers Conveyor System Training programs to familiarise clients on the optimal and safe use of conveyors and related products.

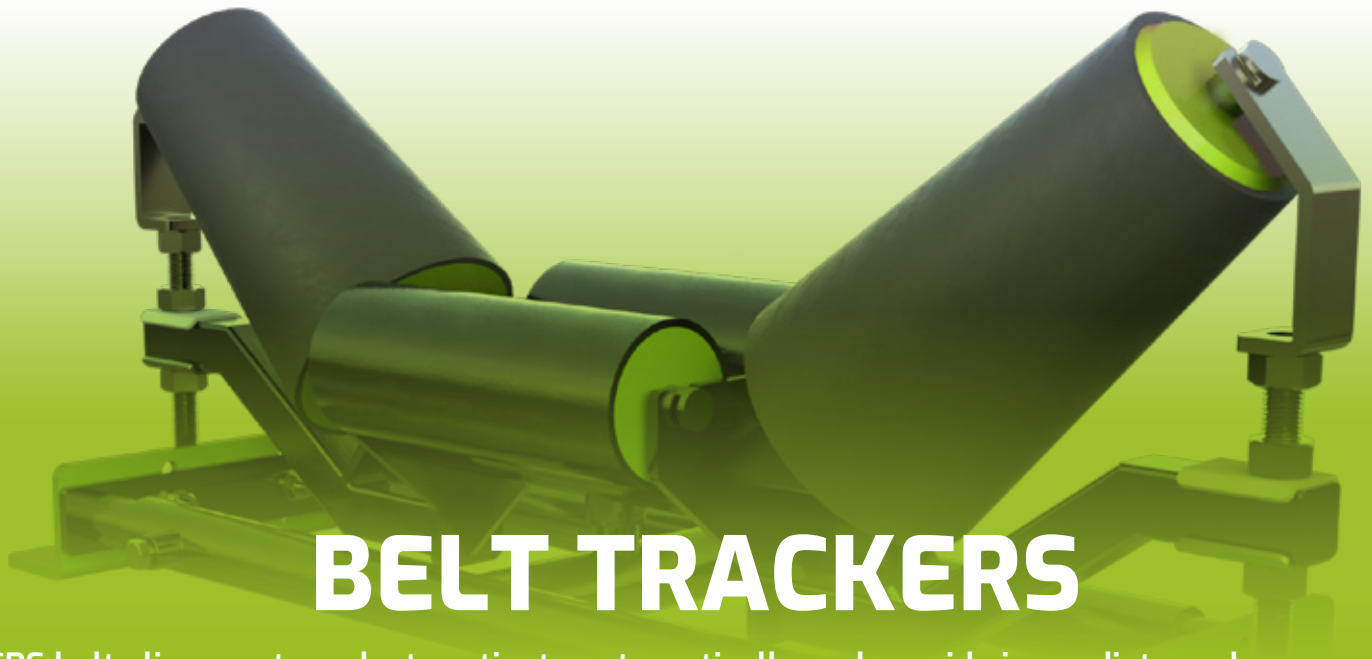
The training includes training on best practices for personnel when using the conveyor systems as well as step-by-step instructions using everyday scenarios that one might face in using conveyors.



CRES



- 
- **BELT TRACKERS**
 - **SCRAPERS**
 - **LOAD ZONE IMPACT BED**
 - **DUST CONTROL & CONVEYOR SKIRTING**
 - **MECHANICAL FASTENERS**
 - **HOT AND COLD CONVEYOR SPLICING
AND BELT REPAIRS**
 - **HDPE AND STEEL CONVEYOR IDLERS**
 - **IDLER FRAMES**
 - **CONVEYOR BELTING, PULLEYS & LAGGING**
 - **LARGE AND SMALL BORE ELEPHANT HOSES**
 - **PUMP AND MOTOR EMERGENCY CONTROL**
 - **HEAVY ENGINEERING**



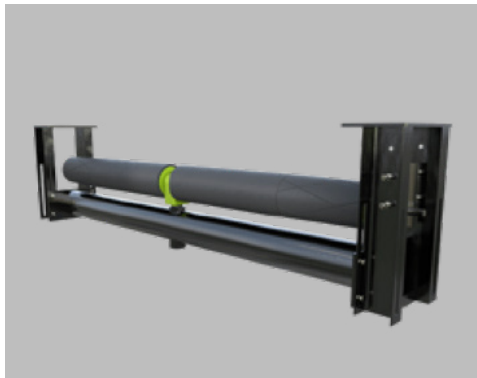
BELT TRACKERS

CRS belt alignment products activate automatically and provide immediate and continuous adjustment to guide the belt to the centre position. Conveyor belt mistracking is the number one problem experienced on conveyor systems across all bulk material handling industries. Belt misalignment will cause spillage, belt edge damage, damage to the structure, increased power consumption and increased labour and most importantly downtime.

RETURN TRACKERS



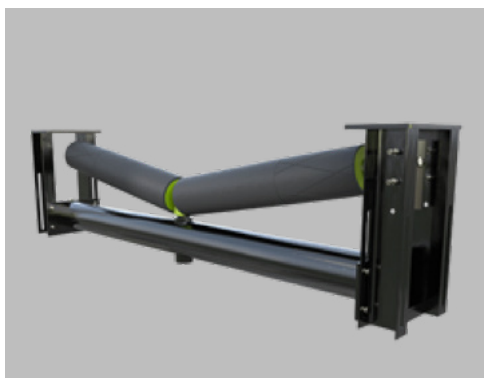
FLAT RETURN
TRACKERS



DUAL RETURN
TRACKERS



COMPACT DUAL
RETURN TRACKERS



V-RETURN TRACKERS



COMPACT
V-RETURN TRACKERS



FOOD INDUSTRY
TRACKERS

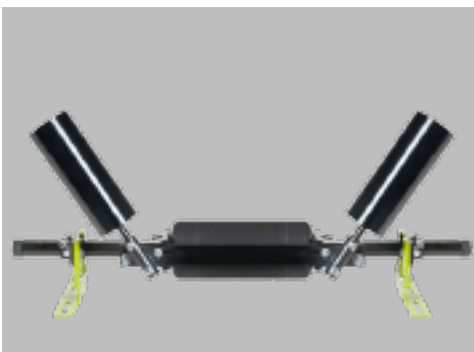
TROUGH TRACKERS

- **Exceptional Performance** – Innovative design, tapered wing rollers and unique centre pivot, provide highly reactive continuous tracking;
- **Narrow Design** – Enhances safety and versatility of installation;
- **Adjustable** – Wing rollers can be easily set to achieve optimal tension;
- **Longer life** – Premium rubber lagging for extended working life;
- **Replaceable rollers** – Wing and centre rollers can be replaced as wear occurs;
- **Maintenance Free** – Bearings do not require any greasing;
- **Lagging** – Available in High Abrasion resistant Rubber or Fire-Retardant FRAS Lagging;
- **Operates in all conditions** – Quick activation on both wet and dry conveyor belts;
- **Bi-directional tracking** – Excellent performance in both directions.

TROUGH TRACKERS



TAPER TROUGH
TRACKERS



SPECIALITY
TROUGH TRACKERS



TROUGH TRACKERS
XHD

BELT SCRAPERS

OUR BELT SCRAPERS ARE DESIGNED ON THE FOLLOWING PRINCIPLES:

OPTIMAL CLEANING PERFORMANCE

Engineered to perform.

SUPERIOR TENSIONING SYSTEM

Maintain tension throughout the life of the blade, consistent and reliable cleaning performance.

EASY TO INSTALL

Versatile and easy installation.

QUICK AND EASY MAINTENANCE

Fast and simple replacement blade change, reducing downtime and saving costs.

LONG SERVICE LIFE

Fewer blade replacements and repairs.

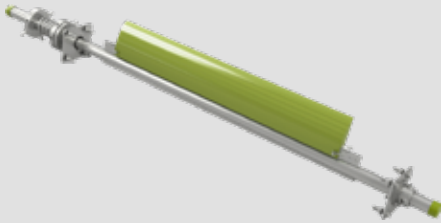
BELT FRIENDLY

No damage to the belt while cleaning.

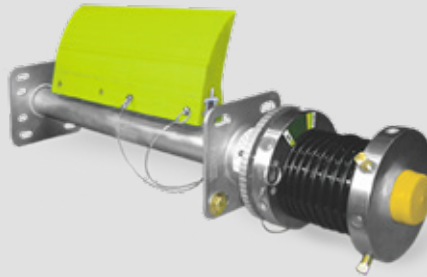
PRIMARYSCRAPER | SECONDARYSCRAPERS

Belt scrapers remove residual material of the conveyor belt and prevent it from falling off at various points along the return side of the belt. Effective belt cleaning will result in fewer breakdowns, lower operating costs and increased production.

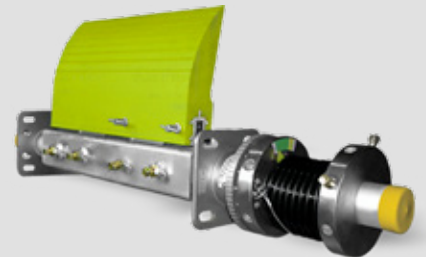
BELT SCRAPERS TYPES



PRIMA PRIMARY SCRAPER



SKALPER PRIMARY SCRAPER



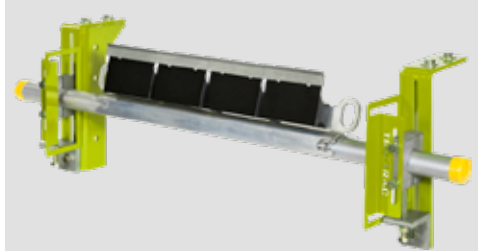
SUPER SKALPER
PRIMARY SCRAPER



TITAN SECONDARY SCRAPER
(AVAILABLE IN SINGLE
AND DOUBLE SHAFT)



RAZORBACK
SECONDARY SCRAPER



RAZORBACK HD
SECONDARY SCRAPER

A photograph of a conveyor belt system in an industrial setting. The conveyor belt is loaded with dark, irregularly shaped rocks. A large, light-colored impact bed is visible on the left side of the belt, designed to protect the belt from the impact of the rocks. The background shows the structural framework of the conveyor system and other industrial equipment.

LOADING ZONE IMPACT CONTROL

CRS Impact Beds are designed to provide protection to your conveyor belt from impact damage from large rocks which can put a stop to operations. Our modular style impact beds provide impact protection for the conveyor belt.

MODULAR DESIGN

Consists of a heavy-duty frame with removable (slide-in or slide-out) sides and centre sections for easy installation and maintenance.

FLEXIBLE

More flexibility with different length loading zones.

MAINTENANCE-FRIENDLY

Slider sections and design allow for easy access and quick replacement of worn impact beds.

LONG-LASTING

The combination of Heavy Duty frames and High-Quality Low Friction Impact Beds transforms your impact zone into a low maintenance area.

ABSORBS IMPACT

Our impact bars are designed with a top layer of UHMWPE – for smooth gliding of the conveyor belt. The middle layer is of rubber – to cushion the impact load, while the lower layer is for fastening impact pads onto the support frame.

IMPROVED SEALING

When skirting rubber is installed on top of the Impact Bed due to even support across its length.

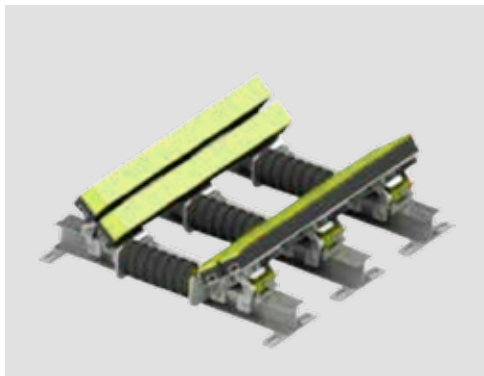
CORROSION PROTECTION

The entire frame is electro-galvanised to provide corrosion protection throughout the lifespan of the Impact Bed.

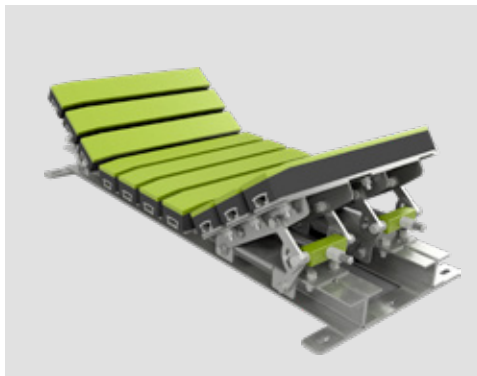


IMPACT BEDS

IMPACT BED TYPES



SLIDE AND ROLL IMPACT BED

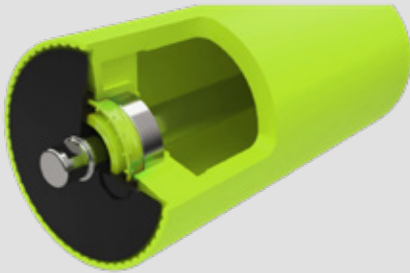


ADJUSTABLE IMPACT BED

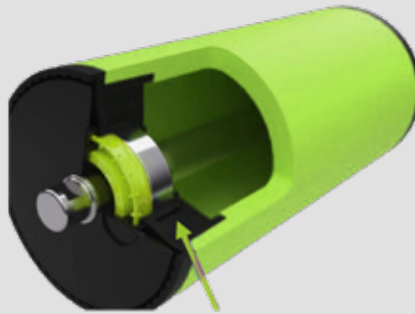


DYNAMIC IDLER IMPACT
BED HD

HDPE AND STEEL IDLERS

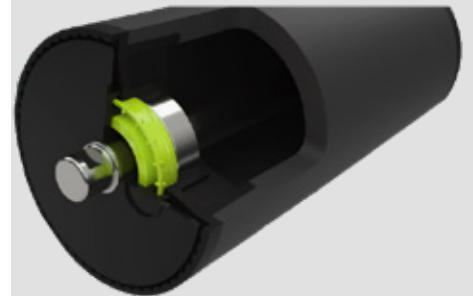


**GLASS-FILLED HDPE
CONVEYOR ROLLER**



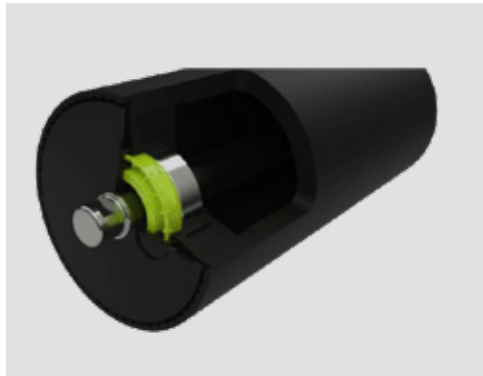
**ULTRA-HIGH -
MOLECULAR - WEIGHT
POLYETHYLENE
CONVEYOR ROLLERS**

UHMWPE tube friction welded to glass filled
HDPE bearing housing



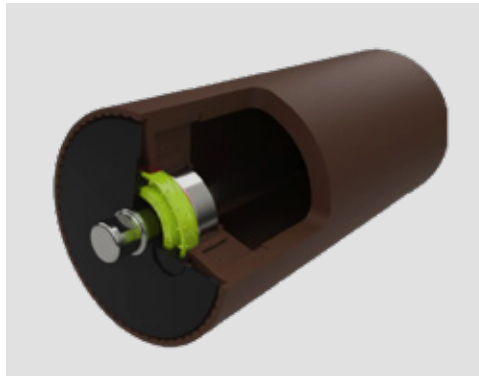
**UHMWPE TUBE FRICTION
WELDED TO GLASS FILLED
HDPE BEARING HOUSING**

Our Entry level composite roller is designed
to last long



FLAME RETARDANT COMPOSITE CONVEYOR ROLLER

60 second continuous burn at 1050 °C (1922 °Fahrenheit) - self extinguish in less than 6 seconds.



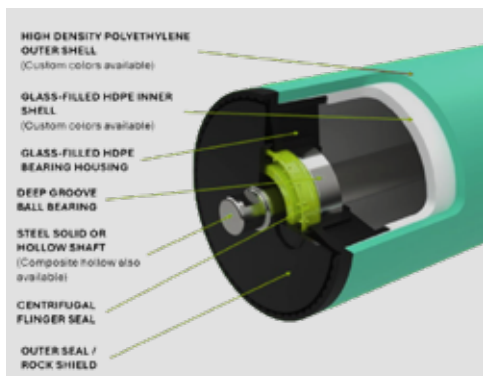
FRAS - FLAME RETARDANT ANTI-STATIC COMPOSITE ROLLERS

Heavy duty CEMA E 178mm (7 inch) diameter FRAS rollers in operation at Freeport McMoran -Indonesia



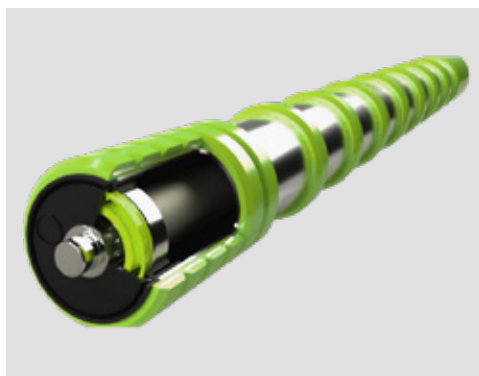
IMPACT CONVEYOR ROLLER

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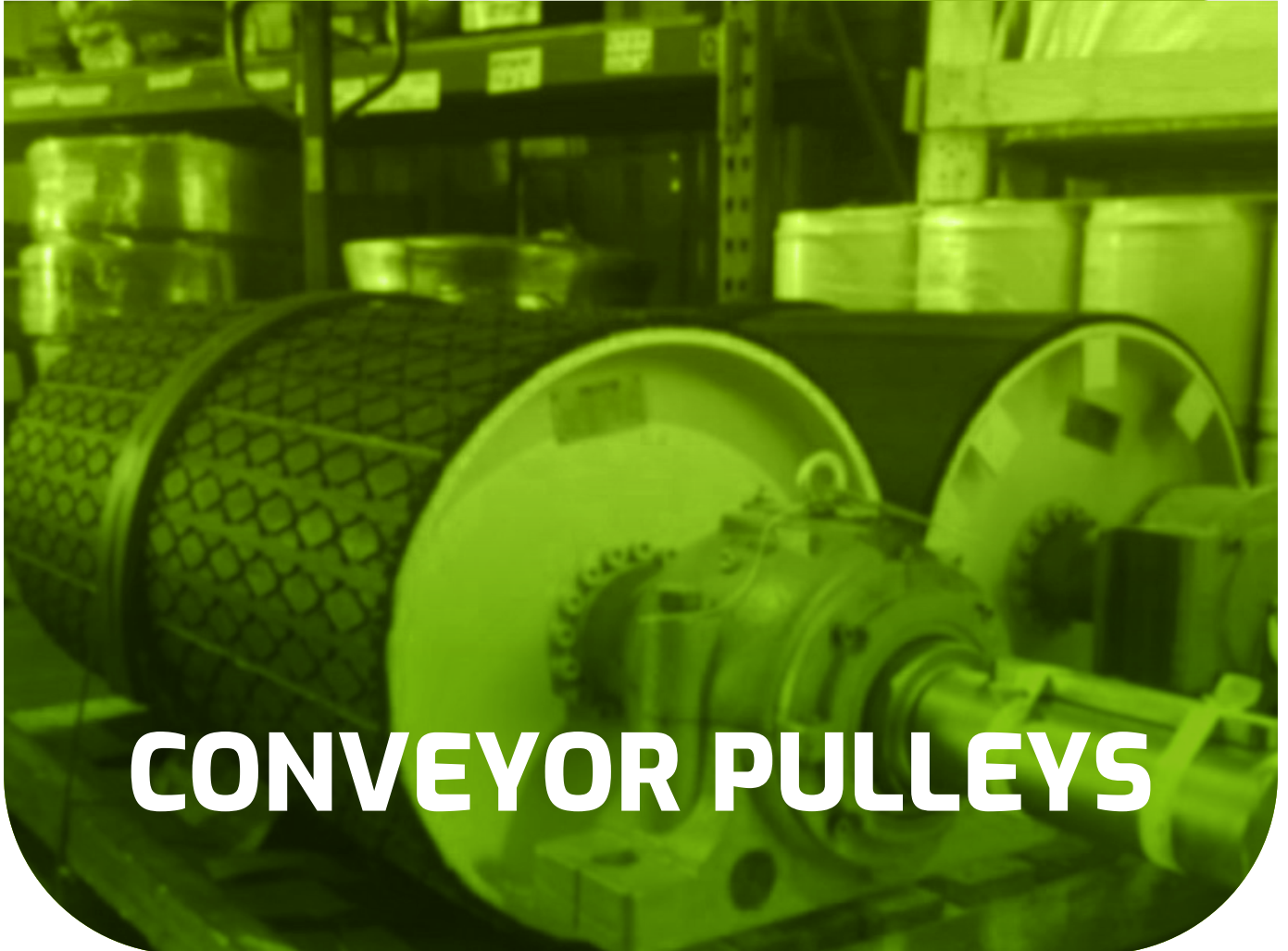


DUAL-LAYER HDPE CONVEYOR ROLLERS

Dual-layer composite polyethylene tube designed to carry the biggest loads, quietly, with a super high abrasion-resistant outer wear layer, providing an early warning wear indicator



POLYURETHANE DISC RETURN CONVEYOR ROLLER



CONVEYOR PULLEYS

CRS CONVEYOR PULLEYS CAN BE SUPPLIED WITH THE FOLLOWING EXTERIOR OR LAGGING OPTIONS:

- COLD BONDED RUBBER AND CERAMIC LAGGING
- DIRECT BONDED CERAMIC LAGGING
- DIAMOND GROOVED RUBBER LAGGING
- HOT VULCANIZED RUBBER LAGGING
- PLAIN RUBBER
- PLAIN STEEL

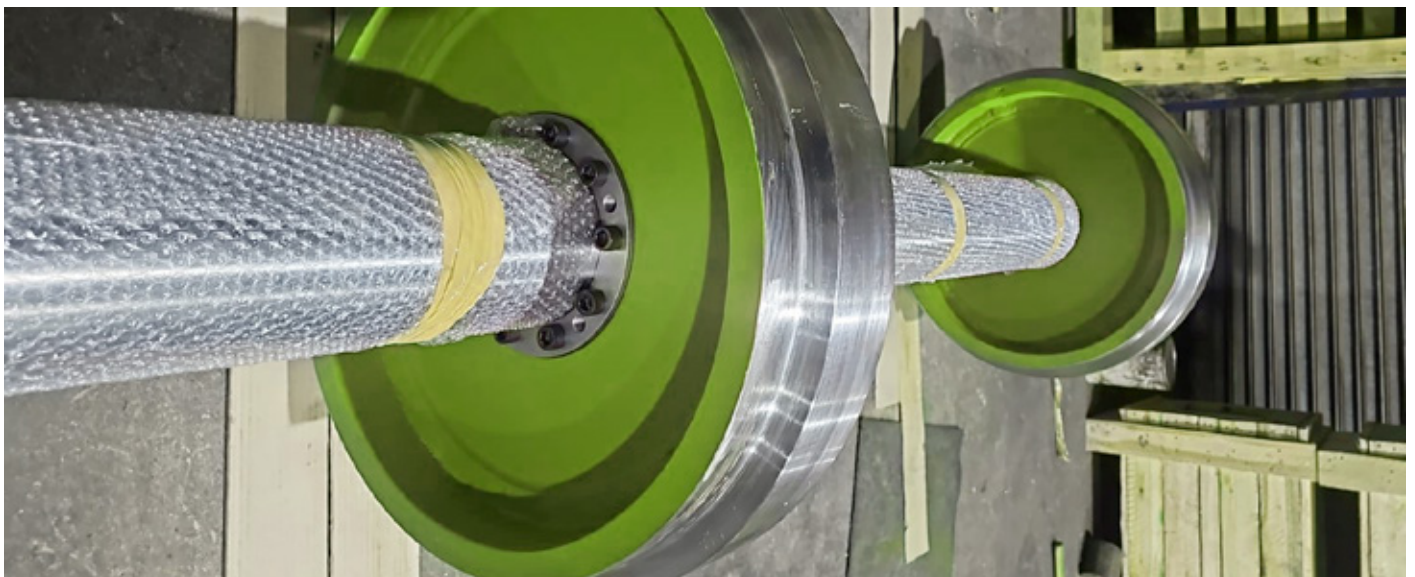
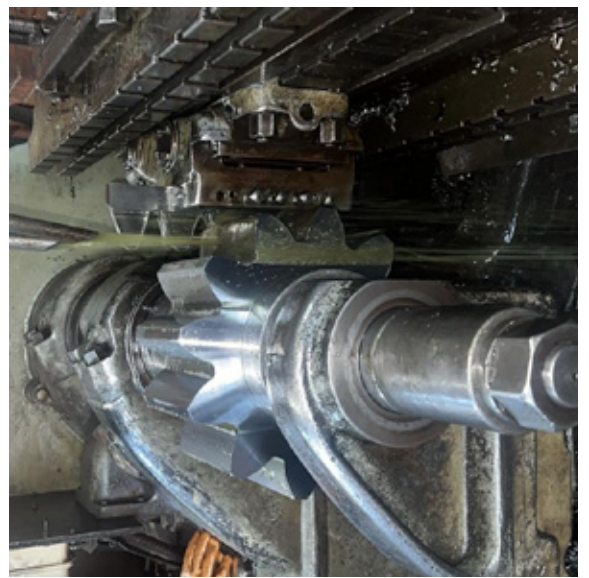


HEAVY ENGINEERING

BIG GEARS, BIGGER IMPACT

At CRS - Conveyor Roller Solutions, we specialize in Heavy Engineering to keep industries moving. From precision gear manufacturing to robust component refurbishment, our expertise ensures reliability and performance at scale.

Whether it's custom builds or maintenance support, trust CRS to deliver strength where it counts.





WE RECOGNISE YOUR INDUSTRY CHALLENGES

Our team of conveyor experts have the experience to help overcome your unique problems, whatever your industry and application. Our experience across multiple industries gives us unrivalled insight into the demands for efficiency. CRS will help you select the right solutions to maximise the performance of your conveyor system and processing plant.



MINING



AGGREGATE & CEMENT



POWER GENERATION



PORTS & TERMINALS



QUARRIES



STEEL



PAPER & PULP



SMELTERS AND FOUNDRIES



FERTILIZER



PROUD OEM PARTNERS



SHAFT ENGINEERING
CONVEYOR PULLEYS





CONVEYOR
ROLLER
SOLUTIONS

For more information/assistance,
please contact us through the following channels:

General Information - Info@crs.co.mz

Sales - tinusr@crs.co.mz

Administration - ederr@crs.co.mz



CONVEYOR ROLLER SOLUTIONS

AV. MÁRTIRES DA MACHAVA, N° 1627,
BAIRRO DA SOMMERCHIELD,
MAPUTO CIDADE - MOÇAMBIQUE