

YOUR **PREMIUM**  
**WEAR PARTS** SPECIALISTS  
FROM FEED THROUGH TO STOCKPILE







## ABOUT US

Mining Wear Parts (MWP), is an Australian owned and operated manufacturer and supplier of premium quality replacement parts and components for the mining, quarrying, and recycling industries. Recently acquired by Mineral Resources Ltd (ASX:MIN), MWP proudly have one of the largest stock holdings of parts and components to suit most makes and models of crushers currently in operation in the Australian market.

In addition to this large product offering, MWP also stock premium parts for slurry pumps and G.E.T., and have an extensive range of cast blocks, billets, chocky blocks and bars to continue expanding on our vision to become the leading parts supplier globally.

Although we have the inventory and expertise of a multinational company, Mining Wear Parts remains agile and responsive enough to provide customers with the necessary time and attention. This ensures customised solutions, transparency, and support at every stage of our customers' relationship with us, from initial inquiry to repeat orders.



# CRUSHER LINERS

We offer a comprehensive range of crushing products and services tailored to meet the diverse needs of our customers. All our aftermarket components undergo stringent quality checks and adhere to manufacturing standards to ensure consistent performance. Designed to simplify installation without compromising on quality, our critical components are engineered to optimise equipment performance and minimise downtime.

Our engineering teams specialize in redesigning and enhancing component materials to meet life targets, especially in high-wear, abrasive, or high-impact applications. With warehouses in Perth and Brisbane, we ensure nationwide support with a large stock of critical components readily available. Additionally, all our products come with complete warranties.

## MANGANESE

Our premium manganese products are built and proven to optimise your crushers' performance. We can provide standard OEM profiles in our range of manganese grades or design cavities to suit your needs.

Our manganese products are subject to the highest quality checks and come fully warranted for peace of mind. Liners are painted specific colours and have cast identification numbers to indicate the materials used. With on-going customer support throughout the life of each component, we are a strong partner for customers in industrial settings.

With a huge range of parts to suit most makes and models, including but not limited to;

- Terex
- Jaques
- Pegson
- Cedarapids
- Finlay
- Metso
- Sandvik
- Raptor
- Patriot
- Kue Ken
- Minyu
- Trio
- Symons
- Nordberg
- Lokomo
- Goodwin
- Telsmith
- KPI-JCI
- Striker
- Hazemag
- Kodiak
- Kawasaki
- Allis Chalmers
- Vickers



## MANGANESE GRADES

Manganese is used in crusher wear parts as it improves life by hardening as it works. When selecting manganese liners, the liner percentage indicates the amount of manganese used in the casting. Our quality cast replacement liners come in 14%, 18% and 22% manganese.

Our customers rely on our crusher specialists to suggest the right parts for their equipment to help optimise crusher performance, output, or material shape and size.

### STANDARD 14%

Standard grade manganese steel provides a low-cost option for sites that have low wear rates or don't have to crush continuously.

### HIGH PERFORMANCE 18%

A high-performance grade of manganese delivers customers the perfect balance between cost and performance.

### ULTIMATE PERFORMANCE 22%

A high-grade 22% manganese provides the ultimate performance in high wear applications. Modified manganese material grades are available for customers that require extra toughness.

## SAFETY LIFTING

Our premium manganese crusher liners are made to suit the Mangasafe™ range of cone and jaw crusher lifting tools. These lifting devices were developed as a safe alternative to traditional weld-on lifting lugs.

Mangasafe™ lifting products can be arranged with your order. We place a high priority on safety solutions to ensure customers and our people operate in safe environments.

## CERAMIC METALLIC (CM) INSERTS

We provide ceramic metallic inserts for a range of high abrasive wear applications to provide customers with increased equipment availability, reduced operational costs and unexpected change outs. CM inserts provide an enhanced high wear zone to increase and maximise usable wear life.

Our specialist teams can tailor products to suit customers' specifications.

Our CM inserts are available in 20mm, 40mm, 60mm, and 80mm depths.

## APPLICATIONS

- Jaw crusher wear parts
- Cone crusher wear parts
- Horizontal shaft impactor
- Blow bars and impactors
- Horizontal shaft impactor liners
- Hammermill hammers
- Hammermill breaker blocks
- Clinker breaker hammers





# COMPLETE CRUSHERS

We maintain a large stock of complete crushers in a continued effort to support our customers' operations. We know the costs associated with downtime and the frustrations around finding the right equipment at the last minute. With Mining Wear Parts holding stock of complete crushers we can quickly change out a customer's machine at low cost and minimal loss of production.

## RELIABLE AND DURABLE SOLUTION

Our complete crushing machines are built using high-quality castings and durable fixings, resulting in a superior replacement solution for customers.

Mining Wear Parts crushers are incredibly economical, offering longer service life, reducing the need for shuts and spare parts, resulting in a more cost-effective alternative.

All of our replacement crushers feature precise adjustment mechanisms that allows the customer to run precise closed-side settings. This helps to produce high volumes of well-shaped aggregates.

It also runs a well-proven tramp iron relief system incorporating tramp relief cylinders and accumulators to protect the machine. When the machine has tramped, it will reset back to the CSS to ensure product quality does not suffer.

## PREMIUM QUALITY

All Mining Wear Parts' replacement parts and equipment come with complete warranties and technical support. Customers who purchase one of our stocked crushers will be provided with a customer care number and additional support to ensure the machine is installed and running as expected.

## BENEFITS OF A MINING WEAR PARTS CRUSHER

### DURABLE DESIGN

Mining Wear Parts crushers are meticulously manufactured with high-strength alloy steel, ensuring unrivalled strength, durability, and dependable performance even in the most challenging crushing conditions. They come fitted with bronze bushings, specifically designed to prolong wear life under extreme load, ultimately reducing maintenance costs.

### ROBUST FRAME

Our crushers rugged and heavy-duty design amplifies durability, resilient enough to navigate through erratic feeding conditions.

### HASSLE-FREE HYDRAULIC SETTING

With cutting-edge hydraulic features, our crushers offer push-button adjustment of the CSS and effortless installation and removal.

### CONTROL WITH REMOTE OPERATION

Our crushers are compatible with remote operation and can be flawlessly integrated with your plant's control system as needed.

### COMPACT DESIGN THAT FITS EVERYWHERE

Robust and reliable, our crushers easily retrofits into existing installations, making it a perfect replacement for underperforming crushers.

### PRIORITISE SAFETY

Your safety is paramount and our crushers comes equipped with extensive safety features, ensuring prolonged and safe operating time. Dual-acting cylinders can extend to lift the upper assembly, facilitating safe clearance of any objects stuck inside the chamber.

### LOW WEAR RATES

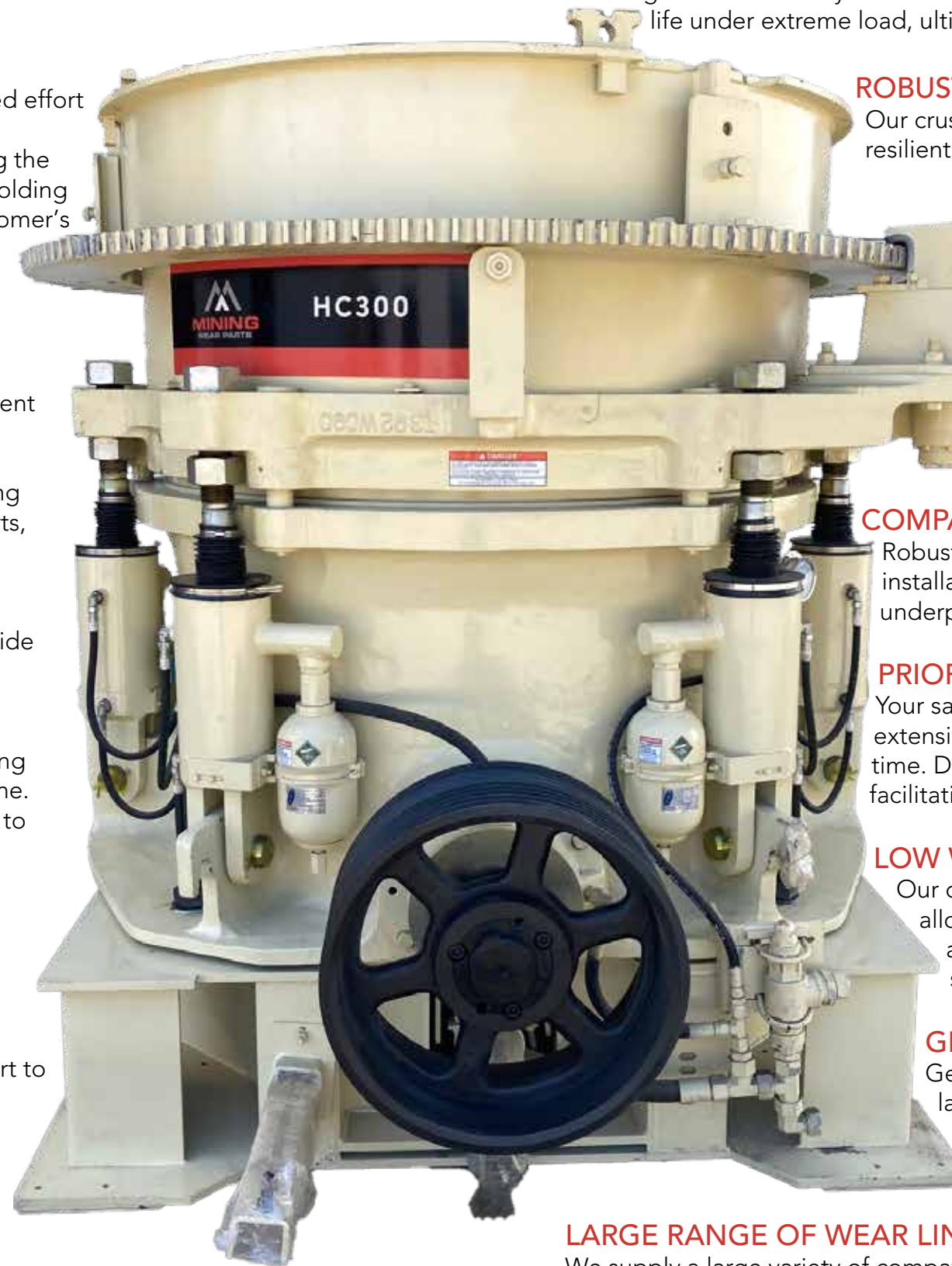
Our crushers are meticulously manufactured using high-strength alloy steels. This ensures long service life, permitting weld repairs and major component rebuilds, even after years of heavy-duty secondary crushing or tertiary applications.

### GREATER CRUSHING POWER

Geared to handle varied feed types, our crushers, powered by a large motor and improved machine dynamics, delivers high crushing forces efficiently.

### LARGE RANGE OF WEAR LINERS AVAILABLE

We supply a large variety of compatible wear parts and liners to suit our entire range of replacement crushers. Whether it's a unique liner shape or profile, a blend of manganese alloys, or a custom-engineered design, we have the perfect liner suited to your specific application.



# CRUSHER PARTS

All our premium quality components adhere to strict quality checks and manufacturing standards to ensure consistency to continue supporting customers by providing reliable replacement parts that optimise performance.

Our range of critical components are designed to simplify installation, without compromising on the quality or fit, to get equipment up and running quicker. Our engineering teams can redesign and improve component materials to ensure life targets are achieved in high wearing, abrasive, or high impact applications.

To support customers nationally, we carry a large range of stock in both Perth and Brisbane warehouses. All our products come completely warranted.

## OUR OFFERINGS INCLUDE:

- Heads
- Bowls
- Mainframes
- Countershafts
- Adjustment rings
- Top shells
- Main shafts
- Swing stocks
- Sockets
- Eccentrics
- Fly wheels
- Toggles and seats
- Spider bushes

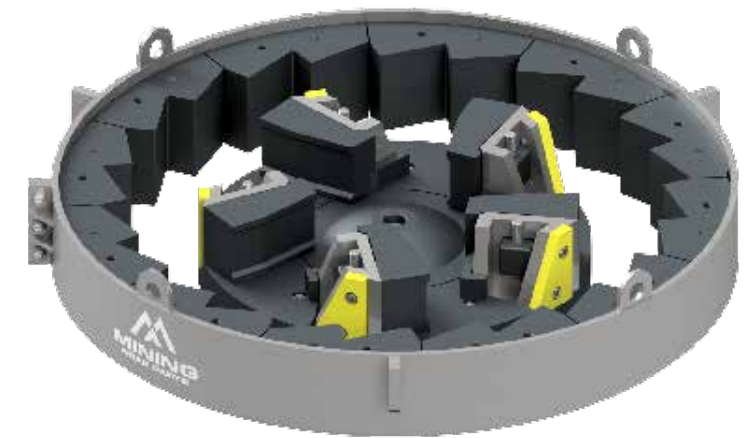


## IMPACT CRUSHER PARTS (VSI/HSI)

High impact and wear is common in impactors, particularly with the hard rock quarries in Australia. At these sites, machines need to perform optimally to achieve the final product size and shape. We regularly work with customers to reduce the costs of running these machines while helping deliver the product shape, size and volume required. The right settings, paired with our high-quality and reliable replacement parts, can help you achieve the outcomes required. If a tailored solution is required, we have impact crusher specialists available to assess the current output and final product of your equipment and provide a tailored solution to achieve your goals.

We have large stock holdings of aftermarket parts to suit the more common machines such as Hazemag, Terex-Canica, Striker and Metso, with additional in-house support to tailor solutions to suit older makes and models still in operation. Our regular stock includes premium replacement parts for your rotors such as high wearing tips and bars and complete rotor replacements.

- Blow bar
- Breaker plates
- Liner plates
- Tip sets
- Distributor plates
- Wear plates
- Anvils and shoes
- Trial plate
- Feed tube
- Eye rings



## BI-METAL WEAR BLOCKS AND BUTTONS

Our bi-metal wear blocks and buttons are a combination of high chrome white iron that is bonded to a mild steel backing plate. The white iron working surface has a hardness of 700 Brinell (nom.) that provides the ultimate abrasion resistance. The mild steel is easily weldable with limited preparation and acts as a support for the white iron, assisting with impact and abrasion in the most extreme applications.

Our wear range provide a simple and cost effective solution to protect against wear in both mobile and fixed assets.

Typical applications include but are not limited to; buckets (excavator, loader, dragline, face shovel), crusher spider arm guards, feed and discharge chutes, feeder grizzly bars, shredder and grinding mills, sugar cane knife edges, adaptor & attachment protection, and dredging equipment.

- Wear buttons/donuts
- Boomerangs
- Chocky bars
- Wafer strips
- Rock box liners
- Wear bars
- Wear plates
- Shredder/grinder tips
- Skid bars
- Knife edges
- Grizzly bars
- Micro-ledge
- Billets
- Liners



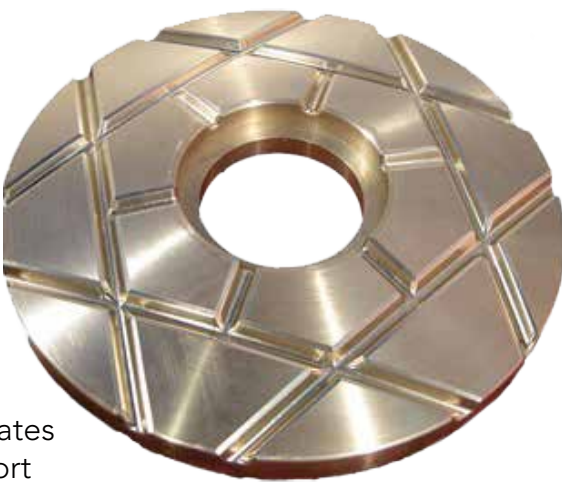


# BRONZE

We engineer our bronze components according to the exact specifications and requirements of our customers, utilising the highest quality grades of materials. We aim to ensure the performance and lifespan of the components match or surpass the expectations of our customers. During the manufacturing process, lead is evenly dispersed through the casting to ensure consistent lubricity which increases the life of our bronze castings.

With a continued investment in stocking crusher bronze for many of the leading brands, we're reducing downtime to support customers' operations.

- Inner bush
- Outer bush
- Eccentric bush
- Countershaft bush
- Step washer
- Hydroset bush
- Socket liner



# TRANSPORT CARE

All bushes are professionally packaged in strong timber crates to protect each part. Bushes that might suffer from transport damage are all fitted with shock and tilting sensors to ensure the part arrives at your site in perfect condition.

# BACKING COMPOUND

We offer a full range of backing compounds to cover rapid set or delayed setting, temperature variation to locking bushes into position. We maintain a large stock holding to support customers globally.

- **MEGAPOXY STANDARD HICB**  
For everyday use. Rapid set time, minimal shrinkage, high impact crusher backing
- **MEGAPOXY ACCELERATOR**  
Reduces cure time for less down time of the crusher
- **MEGAPOXY EASYPOUR**  
Low viscosity designed to fill the cavity faster
- **MEGAPOXY 57**  
Designed for hot climates. With low viscosity it will fill the cavity faster so it is full before it begins to harden
- **BUSHLOCK**  
Used to lock bushes into position



# GROUND ENGAGING TOOLS

At Mining Wear Parts, we understand that the key to maximising your earthmoving equipment’s efficiency and productivity lies in selecting the right Ground Engaging Tools (G.E.T.). No matter how tough the conditions are in the environment you’re operating in, our G.E.T. solutions are designed to protect your equipment, reduce costs, and enhance performance.

## SUPERIOR QUALITY

Our range of G.E.T. products, including blades, edges, shrouds, and grouser bars, are crafted from premium quality steel.

This ensures exceptional durability, easier replacements, and improved material penetration, making sure your equipment performs at its best from the start.

We cater to the most common machines in operation and can customise G.E.T. to meet the specific demands of your operation.

## LOWER COSTS

Our G.E.T. solutions are designed to extend the working life of your buckets, blades, and entire machines, thereby reducing maintenance costs and increasing productivity. By optimising machine performance across a wide range of applications and site conditions, we help you achieve your production goals efficiently and economically.

## EXPERT SUPPORT

Choosing the right G.E.T. can significantly impact your operational costs and machine performance. Conversely, choosing the wrong tools can create issues that cost you time and money. Our expert team works closely with you to understand your specific digging conditions, maintenance requirements, and wear rates. We provide tailored recommendations and support to ensure you get the most out of your G.E.T. investment.

## COMPREHENSIVE PRODUCT LINE

Our extensive range of G.E.T. products include:

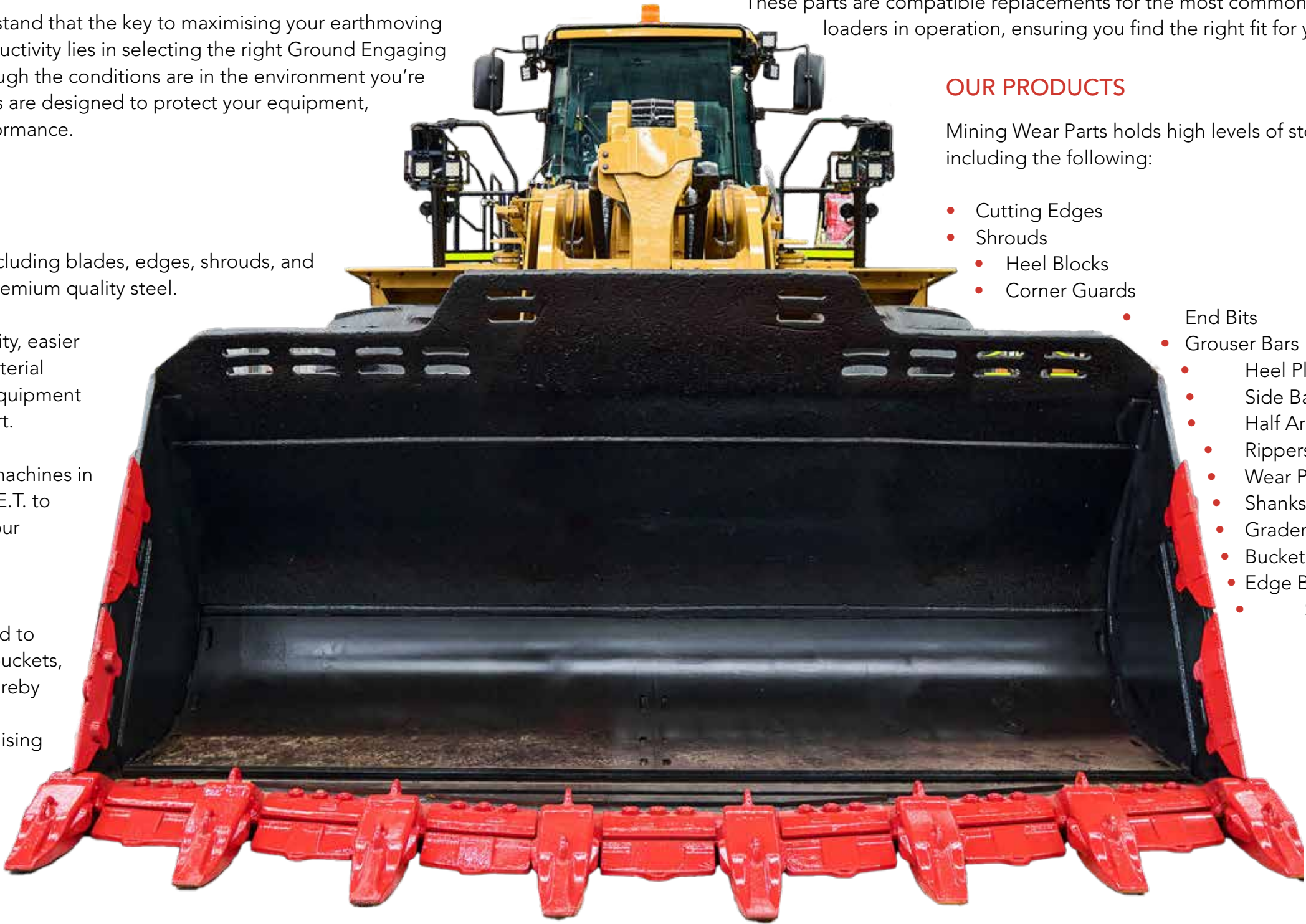
- Cutting edges, bolt-on edges, end bits, corners, and ripper points.
- Wear bars, chocky bars, and wear plates for blades and buckets.

These parts are compatible replacements for the most common graders, dozers, and loaders in operation, ensuring you find the right fit for your equipment.

## OUR PRODUCTS

Mining Wear Parts holds high levels of stock of a vast range of G.E.T. including the following:

- Cutting Edges
- Shrouds
- Heel Blocks
- Corner Guards
- End Bits
- Grouser Bars
- Heel Plate
- Side Bar Protectors
- Half Arrow Segments
- Rippers
- Wear Plate
- Shanks
- Grader Blades
- Bucket Teeth
- Edge Bases
- Scarifier Tips





# PUMPS AND PUMP PARTS

Our high-performance premium pumps and parts use the latest wear materials such as urethane, rubber, high chrome white iron, and ceramics. These materials are used to deliver solutions that are suited to the harshest pumping environments. Depending on the fluids that pass through the pump, Mining Wear Parts can supply the following sizes and materials:

- Metal Pumps from 1.2" x 1" to 18" x 16"
- Rubber from 1.5" x 1" to 20" x 18"
- Gravel Pumps from 6" x 4" to 36" x 36"
- Dredge Pumps from 8" to 40"
- Vertical Slurry Pumps 1.5" to 12"

With a comprehensive range of high-quality, heavy-duty slurry pumps and parts, Mining Wear Parts hold stock to suit all major makes and models in the market.

## PUMP STYLES

Throughout the mining process there are a variety of different pumps used for differing fluids and slurries.

Pumps can be categorised into three types, positive-displacement, centrifugal and axial-flow pumps.

When choosing a pump for your application, our team look at your requirements and fluids/slurry that will be processed to make the correct recommendation for a long-lasting pump.

## CENTRIFUGAL PUMPS

Centrifugal slurry pumps are the most common pumps used in high-volume mining applications such as slurry pumping and dredging. Centrifugal pumps convert kinetic energy through the use of the impeller to create rotational kinetic energy from the hydrodynamic energy provided. Common centrifugal pumps in the industry are vertical tank pumps, slurry pumps and multistage centrifugal pumps.

For applications like Dredging, our larger displacement pump parts are well suited to the dredging operations around Australia. Where the dredge is used to mine sands and silts along with large volumes of water and pump to a fixed plant for treatment and separation.



## AFTERMARKET PUMP PARTS

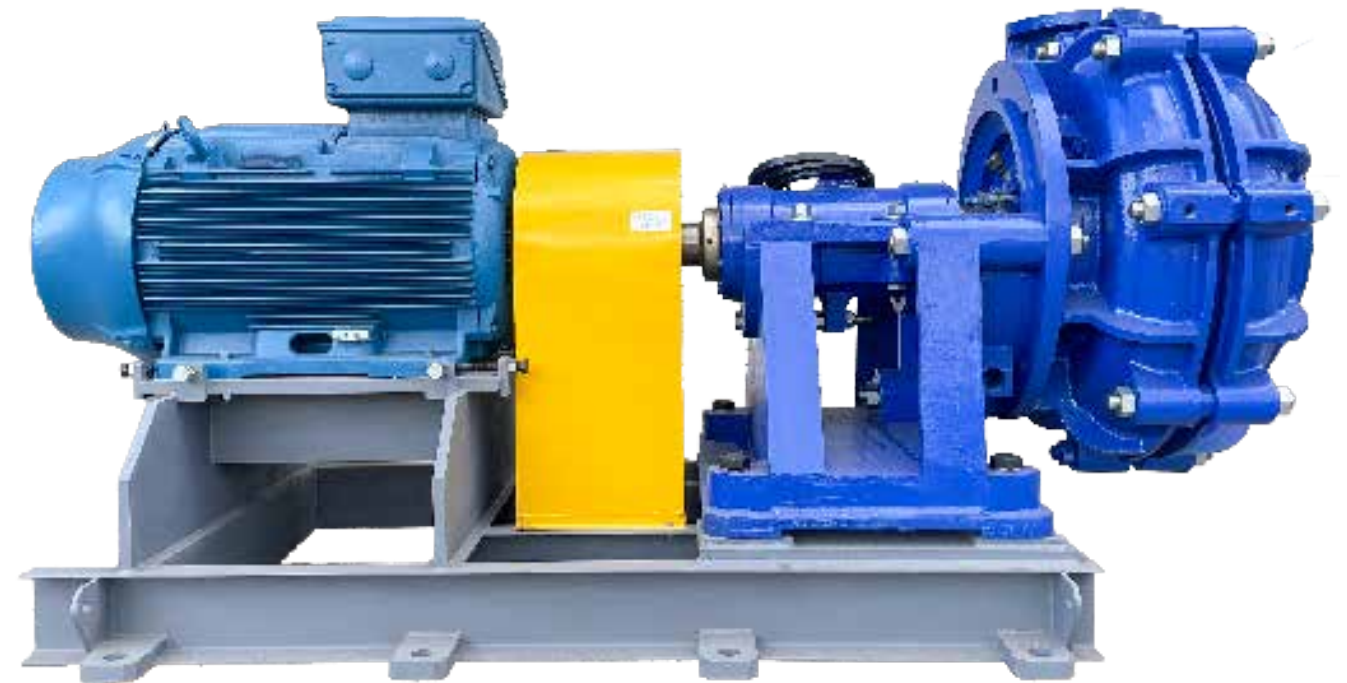
We stock every single part to suit the common AH range of pumps to ensure speedy delivery and support 24/7.

- Pump casings
- Pump covers
- Impellers
- Backing plates
- Shaft and shaft seals
- Motor adapters
- Bearings
- Bearing frames

## EXPERIENCED TEAM

Our team have the experience to support customers with the correct selection of replacement pumps for their specific application. With so many variables and fluids that pass-through pumps in the mining and aggregates industry, we understand the importance of the correct size and material to maximise the life of the customers equipment.

Our knowledge is integrated with our unyielding commitment to quality and reliability awarding our customers consistent pump performance, reducing operating costs by maximising production. Maximising production comes from our experienced team's ability to recommend the appropriate wear material and pump sizes for the individuals application.





# OUR PRIMARY SERVICES

## ENGINEERING

Our engineering team is equipped with the latest technology, and possess the necessary skills, to perform scanning, reverse engineering, life prediction, and suggest liner enhancements to achieve the desired results of our customers, including prolonged lifespan, better throughput, or product shape.

Our engineering team is continuously working on innovative designs and materials to improve products and maximise the value of our premium parts.

We follow the Six Sigma methodology in design engineering to provide a consistent and practical approach to maximize the life and usability of our replacement parts. We continue to improve our processes to help customers realise cost effective solutions that extend life through clever design and thorough quality inspections.



## QUALITY CONTROL

We believe in built-in quality rather than only product quality, and we employ the Six Sigma methodology to achieve it. Quality control is embedded in our process resulting in a reliable and accurate final product.

Our suppliers also follow the same philosophy that is continuously monitored by our quality engineers. We believe in capturing 'Customer Voice' for continual improvement in quality.

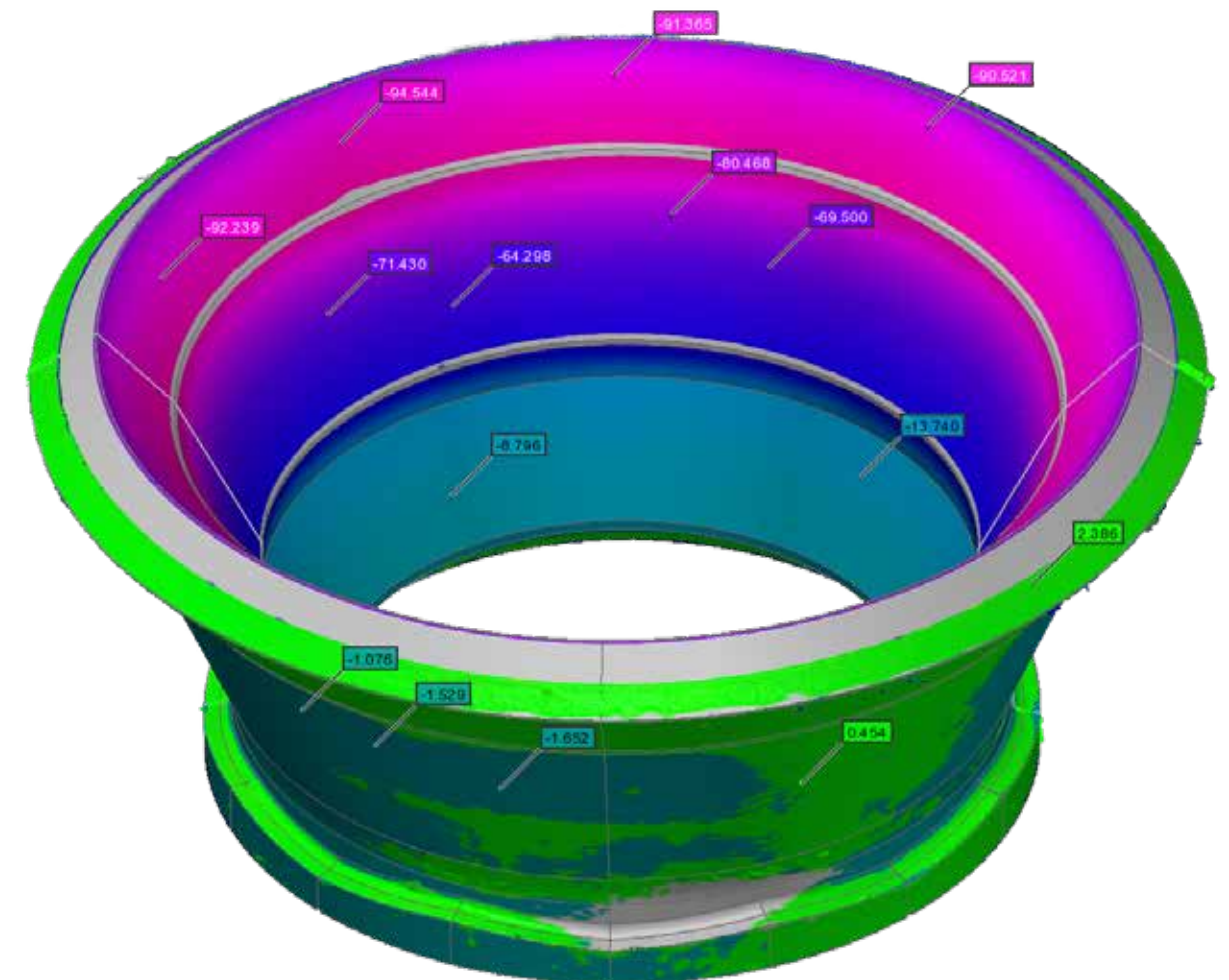
## WEAR PART OPTIMISATION

We work with customers to understand and improve known industry issues such as premature failure, excessive wear, or inaccurate measurements that aren't maximising throughput or the product shape as desired. Whether by improving materials, measurements or casting techniques at the beginning of life, we can make improvements to prevent known issues that result in these unwanted and costly interruptions.

## CRUSHER LINER OPTIMISATION

Our liner optimisation offerings are available for all customers. We work with your worn profiles to understand the wear profile, material suitability, and general life capabilities. This information provides an understanding of the liner and subsequent crushers' overall performance.

This information helps us to further develop your crusher liners to significantly reduce the guesswork and time to trial products, meaning a quicker arrival at the savings, life, or material output that's desired by the client.





## LINER DEVELOPMENT PROGRAM

Our Liner Development Program is open to all customers and is designed to address various problems our clients are facing with their crushing operations, including extending the lifespan of wear components, optimising operational parameters, or ensuring a perfect liner fit. We recognise that each application and machine is unique, so our approach is tailored to suit site specific requirements.

### ENGINEERING FOR DESIGN

Our engineering teams meticulously leverage data from 3D scanning and predictive analysis software, to design custom solutions that ensure optimal design early in the development phase. Throughout this journey, we prioritise client needs, striving to achieve specific outcomes such as reduced power consumption, increased throughput, optimal product shape, minimised material recirculation, and decreased wear on associated assets.

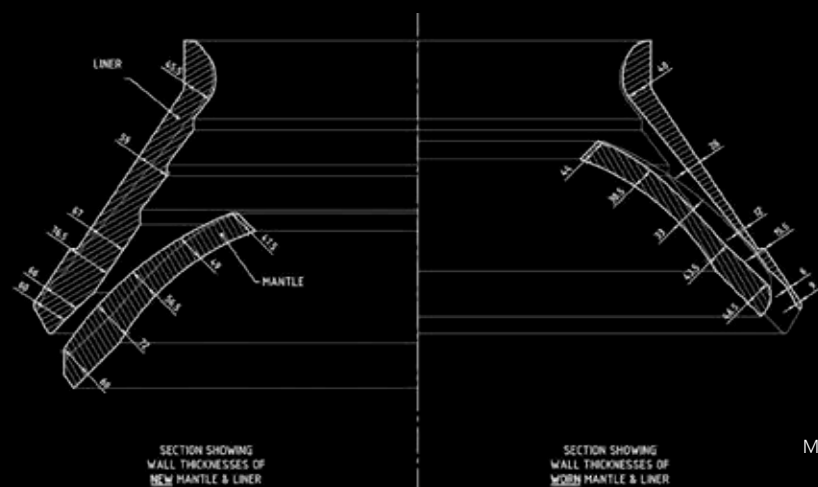
**GREATER SAVINGS.  
LONGER LIFESPAN.  
INCREASED OUTPUT.**

UNLOCK YOUR  
CRUSHING  
POTENTIAL WITH  
MINING WEAR  
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### OPTIMISATION

Collaborating closely with customers, we tackle prevalent industry challenges like premature failure, excessive wear, or inaccuracies hampering throughput and product quality. Whether it's refining materials, measurements, or casting techniques from the outset, we're dedicated to preventing costly disruptions caused by these issues. By optimising various aspects of liner development, we aim to deliver consistent performance and durability, ultimately enhancing overall operational efficiency and profitability.







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