BOGVIK

上海勃格维克耐磨材料有限公司

SHANGHAI BOGVIK WEAR MATERIAL CO., LTD.

磨损解决方案

WEAR SOLUTION PROVIDER 供应商

破碎机易损件

CRUSHER WEAR PARTS





We Engineer Wear. Not Just Castings.

In the crushing industry, downtime is the most expensive line item on your balance sheet. Every hour a liner change drags on is revenue stranded in the feed hopper. Every tonne of oversize product that worn liners push back into recirculation is profit that never ships.

Most aftermarket suppliers treat this as a cost problem. We treat it as an engineering problem — because it is.

Wear is not random. It is a predictable physical process: abrasion, impact, erosion, fatigue. Each failure mode has a signature.

Each material has a threshold. Each chamber geometry has a wear curve that can be modeled, optimized, and extended.

That is what Bogvik does. We do not sell generic manganese castings out of a catalog. We formulate alloys, map wear zones, embed TiC and WC studs where abrasion hits hardest, and machine every mating surface to a tolerance that lets your team bolt the part on and start the crusher — no shimming, no field rework, no surprises on the lift.

Beyond Parts. Engineering Partnership Since 2002.

Since 2002, Bogvik has provided process design and casting consulting to foundries & Mining worldwide. That engineering heritage is why our customers trust us with their most downtime-critical components — not just liners, but full cone crusher shell assemblies, eccentric shafts, pinion housings, spiral bevel gears, hydraulic cylinders, complete vibrating feeders, and drop balls up to 20 tonnes.

Today we serve customers in more than 50 countries across quarrying, large-scale mining, cement production, and scrap metal recycling.

One order. One shipment. One supplier. Consolidated. Your RAL color. Your logo cast into the part — if that is what your brand requires.

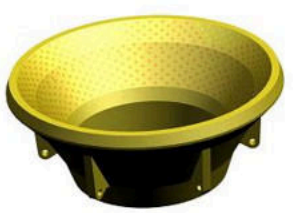
SERVICE INDUSTRY





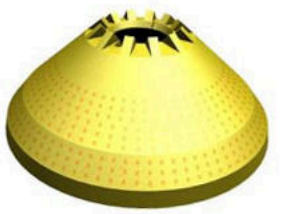


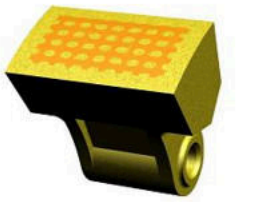












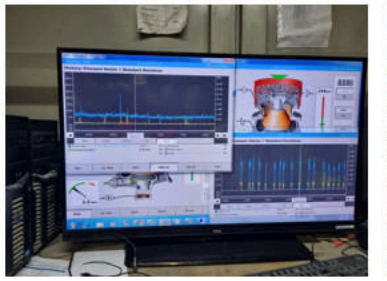
INDUSTRIES OVERVIEW

















· **AGGREGATE:** BOGVIK provides the aggregates industry with customized wear parts that can endure wear caused by the repetitive crushing, screening and feeding of abrasive materials.

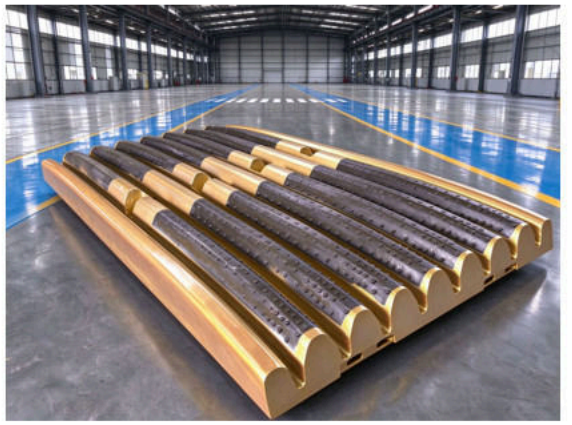
· **CEMENT:** BOGVIK manufactures machined parts for the cement industry that last significantly longer than OEM wear parts. Parts are for crushers, horizontal shaft impactors, hammer mills, feeders, etc.

· **MINING:** BOGVIK wear parts address the full range of mining industry applications, from crushing, screening, feeding, grinding, power transmission and slurry transport.

· **RECYCLING OF SCRAP:** Bogvik metal shredder castings have powerful performance and long service life. Cast in our ISO 9001 foundry, all our wear parts, from hammers and grates to pin protectors and caps, are made from virgin materials with exacting attention to detail and our proprietary heat treat cycle.

JAW CRUSHER PARTS |

01 JAW CRUSHER WEAR PARTS



CJ815 Swing Jaw



C130 Swing Jaw



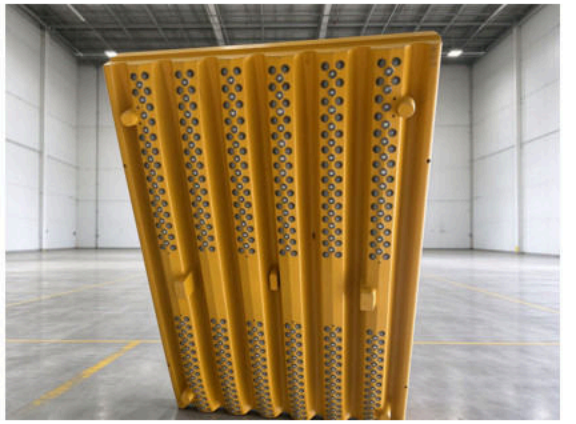
CT3648 Swing Jaw



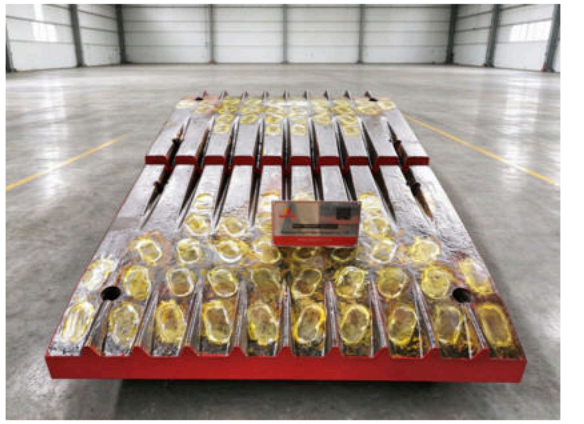
C120 Swing Jaw



CJ613 Jaw Liner



C120 Jaw Liner



C125 Jaw Liner



R150-120 Jaw Liner



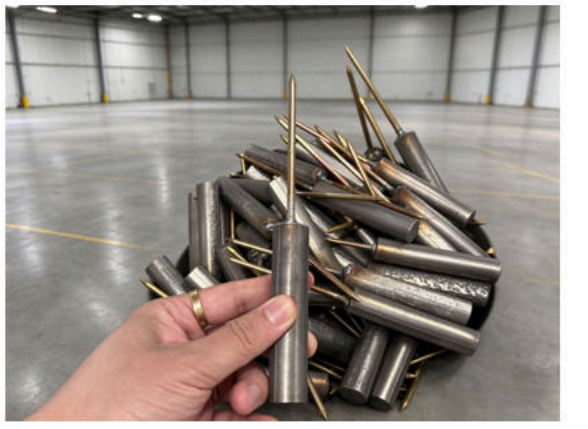
C160 Jaw Liner



CJ612 Jaw Liner



C145 Fixed Jaw Liner



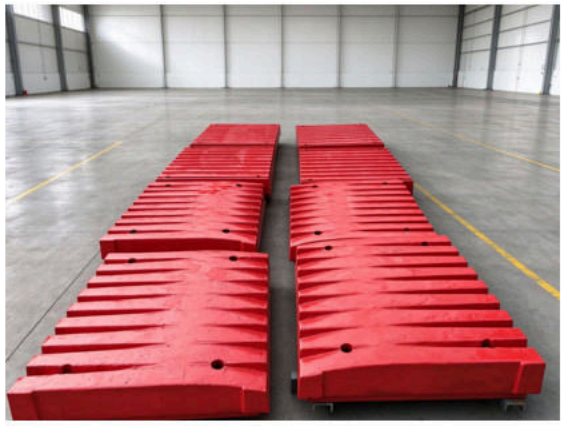
TM52, TIC Insert

JAW CRUSHER PARTS |

01 JAW CRUSHER WEAR PARTS



CJ412 Jaw Liner



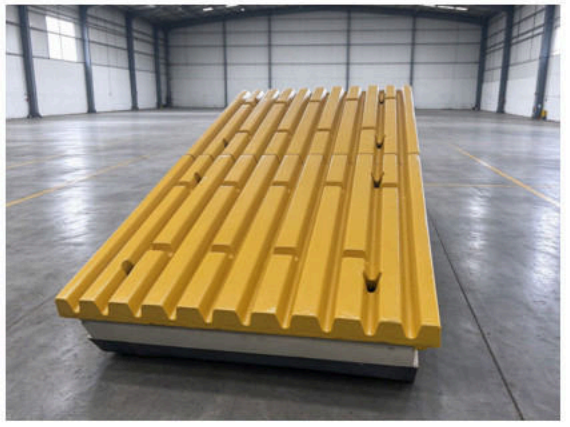
C140 Jaw Liners



C145 Jaw Liner



CJ612 Jaw Liner



C130 Jaw Liner



R120-100 Jaw Liner



C160 Jaw Liner



P3144 Jaw Liner



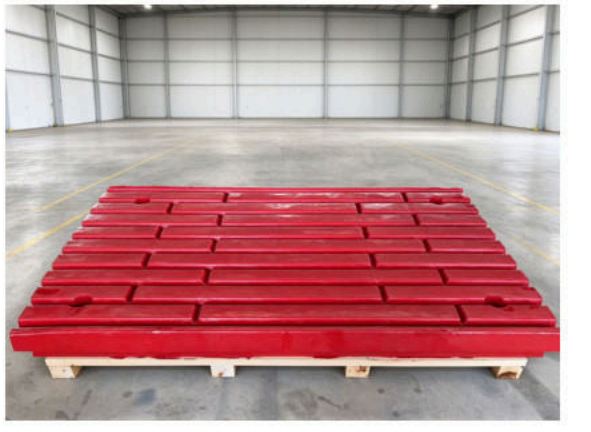
P3055 Jaw Liner



C140 Jaw Liner



CJ412 Jaw Liner



C125 Jaw Liner

JAW CRUSHER PARTS |

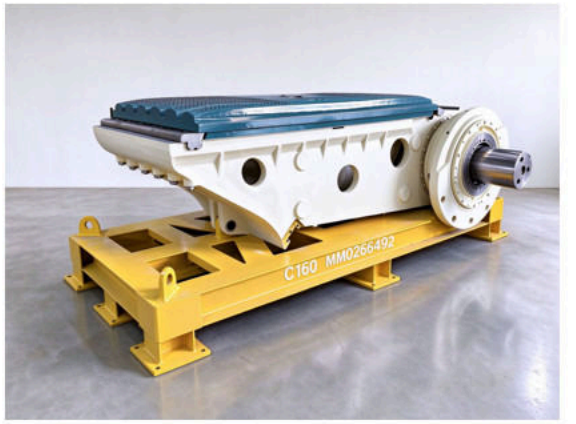
01 JAW CRUSHER COMPONENTS



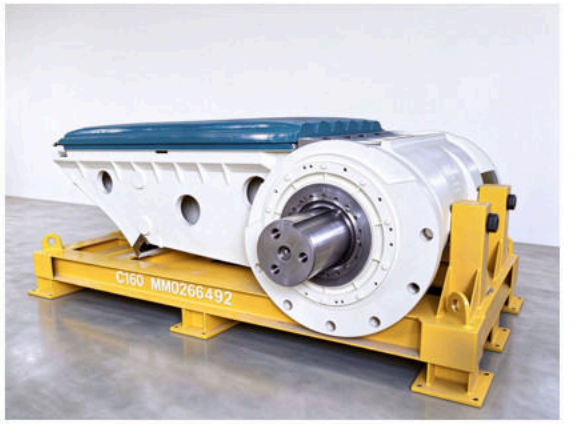
CJ815 Jaw Stock Assembly



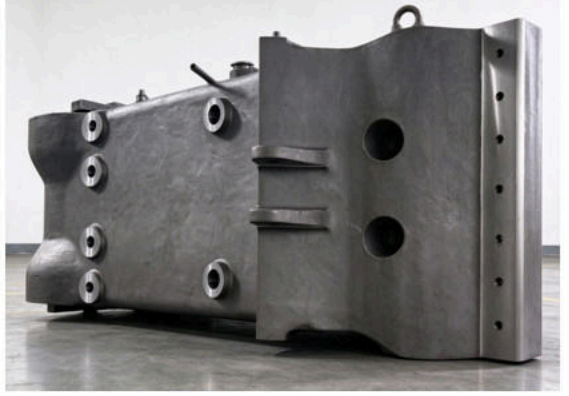
CJ815 Jaw Stock Assembly



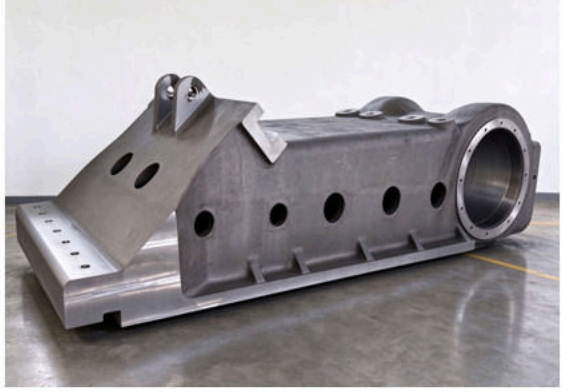
C160 Swing Jaw Assembly



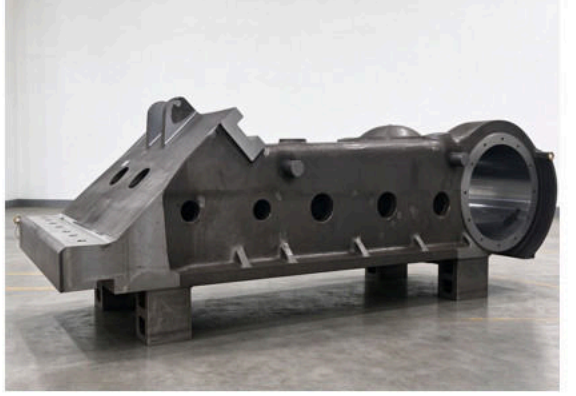
C160 Pitman Assembly



CJ412 Swing Jaw Stock



CJ612 Swing Jaw Stock



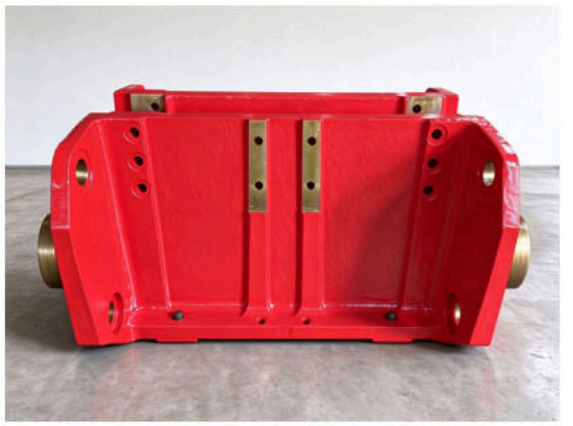
CJ613 Pitman Casting



QJ240/QJ341 Jaw Stock



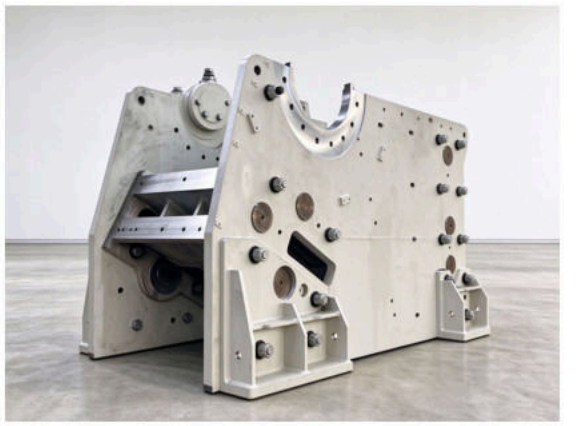
C145 Front End



C145 Rear End



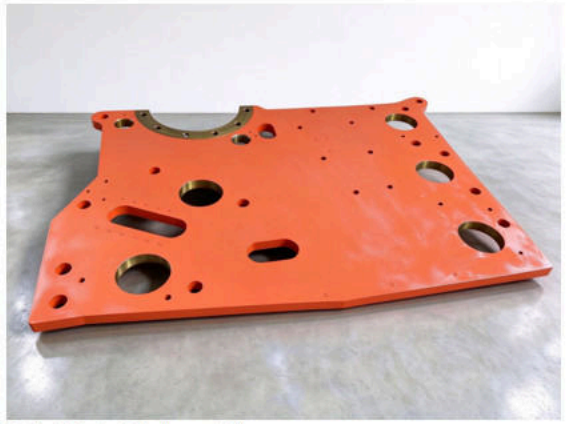
CJ412 Base Frame



CT3648 Base Frame

JAW CRUSHER PARTS |

01 JAW CRUSHER COMPONENTS



C125 Side Plate



C150 Side Plate



CT3648 Swing Jaw



C130 Swing Jaw Assembly



SKF | 24180 ECA/C3W33



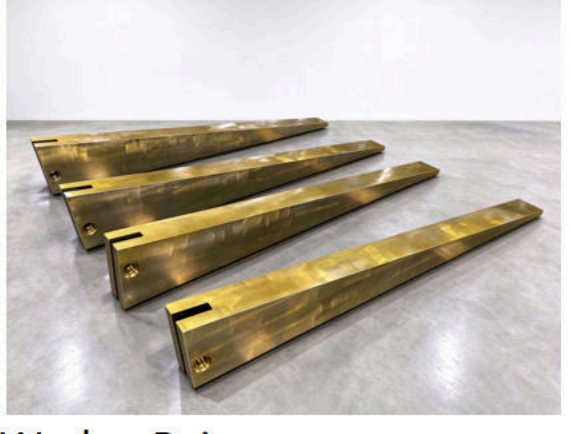
SKF | 24176 ECAK30/C3W33



SKF | 23196 CA/C3W33



SKF | 23088 CAK/C4W33



Wedge Pair



Jaw Wedge



Tightening Wedge



Eccentric Shaft

JAW CRUSHER PARTS |

01 JAW CRUSHER COMPONENTS



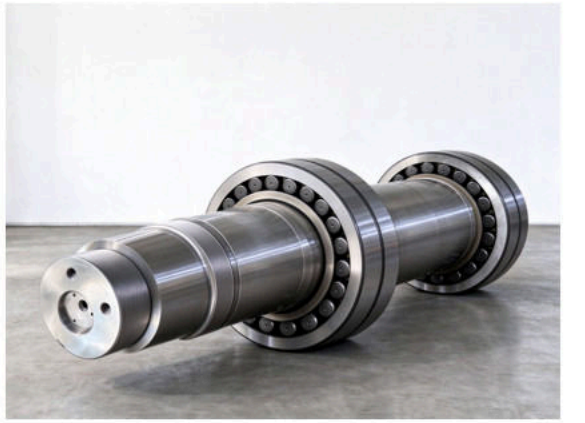
C150 Bearing Housing



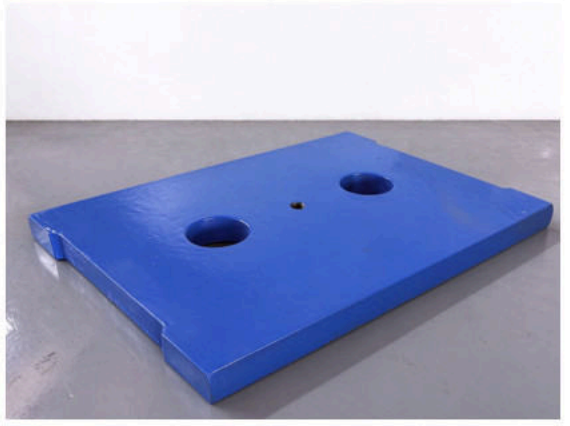
CJ615 Bearing Housing



Lip 3648 Flywheel



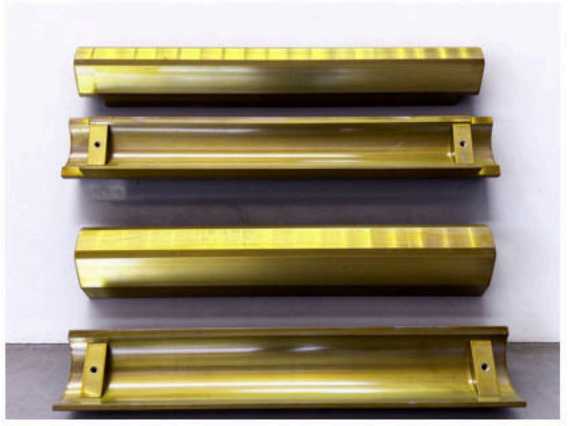
C160 Eccentric Shaft



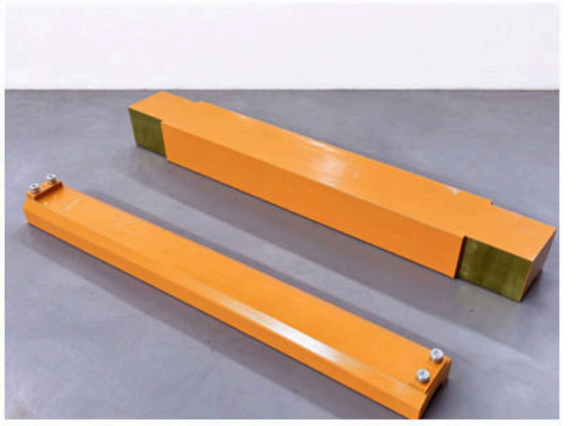
BR380 Toggle Plate



C120 Toggle Plate



BR380 Toggle Seat



CT3254 Buffer Plates



C120 Return Rod



Lip 3862 Wedge



Tesab Jaw Bolts



C120 Spring

CONE CRUSHER PARTS |

02 CONE CRUSHER WEAR PARTS



RC45 Bowl Liner



OMNI 1560 Bowl Liner



HP300 Bowl Liner



HP500 Bowl Liner



CH550 Bowl Liner



HP500 Bowl Liner



K300+ Bowl Liner



OMNI 1144 Bowl Liner



GP550 Bowl Liner



MVP380 Liner



RC54 Bowl Liner



MCO 110i Bowl Liner

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02 CONE CRUSHER WEAR PARTS



MX4 Cone Set



CH660 Bowl Liner



K300+ Bowl Liner IFOR



5½' Mantle Set



Maxtrack 1300 Bowl Liner



HP300 Bowl Liner



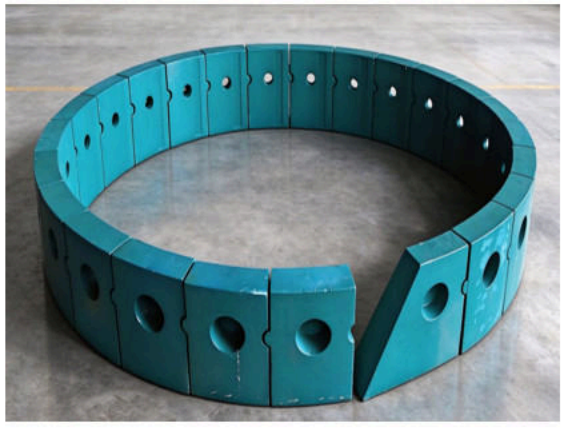
HP400 Cone Set



HP500 Bowl Liner



CS440 Spider Rim Liner



MVP380 Counterweights



CH440 Liner-Narrow Arm



RC54 EZI-CUT™ Torch Ring

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02 CONE CRUSHER WEAR PARTS



CS440 Mainshaft Assy



GP220 Mainshaft Assy



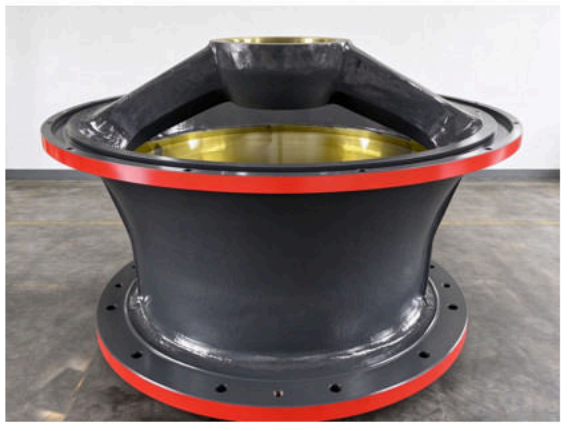
CH&CS Mainshaft Assy



CH&CS Mainshaft Assy



CH660 Bottom Shell Assy



CS660 Top Shell Assy



HP500 Mainframe Assy



MP1000 Main Frame Assy



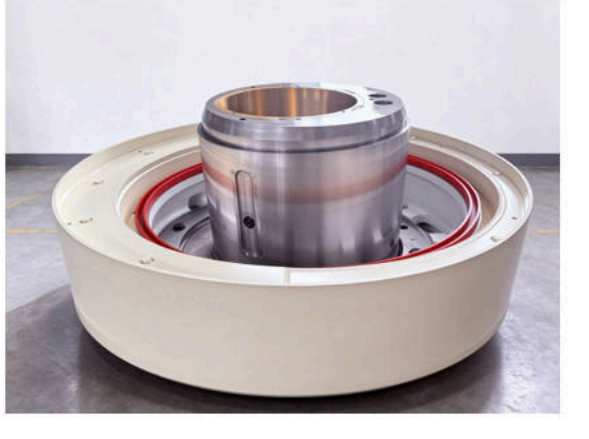
HP400 Bowl Assy



HP200 Adjustment Ring Assy



HP400 Head Assy



HP500 Eccentric Assy

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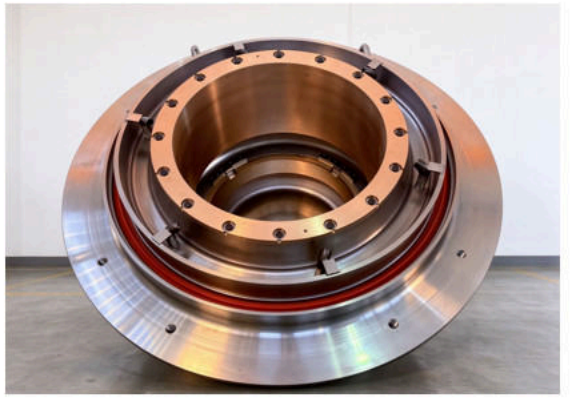
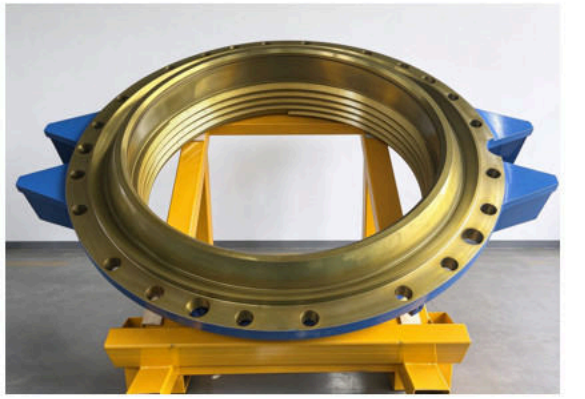
RC54 Bonnet



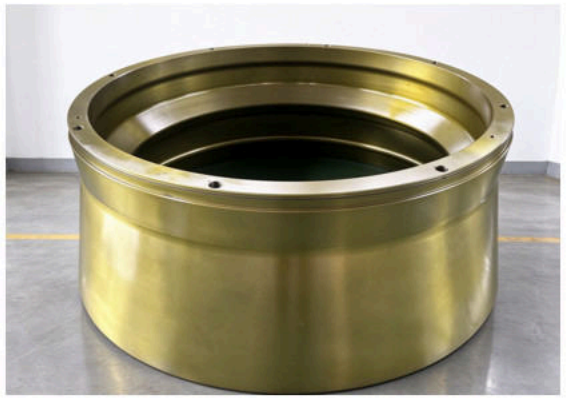
MVP450 Cone Head



MP1000 Head Assembly



MVP450 Bowl Nut



CH550 Filler Ring



MVP450 Cone Head Bolts



HP400 Counterweight



HP500 Counterweight Assy



CH430 Head Nuts



CH440 Head Nuts



K300+ Mantle Washer



Telsmith Shaft Nuts

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Backing Compound



CH440 Gear & Pinion



CH660 Burning Ring



RC54II Mantle Nuts



CH660 Pinion Shaft Assy



HP500 Countershaft Assy



MVP450 Wedge Plate



RC54II Bowl Wedge Shoes



CH660 Eccentric Bushing



CH440 Step Bearing Set



CH550 Step Bearing Set



MVP450X Vee Seat Liners

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HP800 Sheave Assy



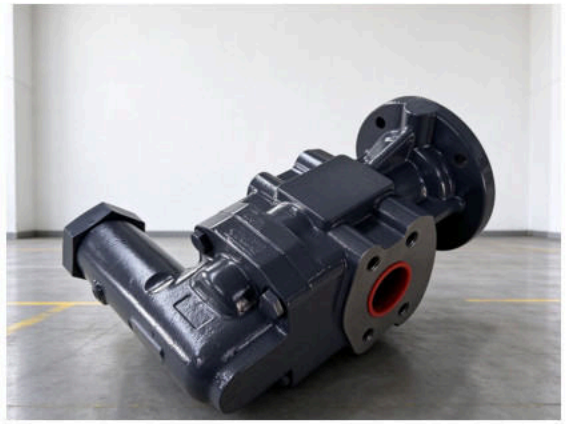
CH895 Feed Hopper Assy



CH430 Feed Hopper



T-Seal



CM550 Lube Pump



CH660 Air/Oil Cooler



CS660 Air/Oil Cooler



CH870 Hydroset Cylinder



CH440 Bladder Accumulator



RC54 Seal Ring



RC54 Vee Seat & Bronze Strips



CH550 Main Shaft

CONE CRUSHER PARTS |

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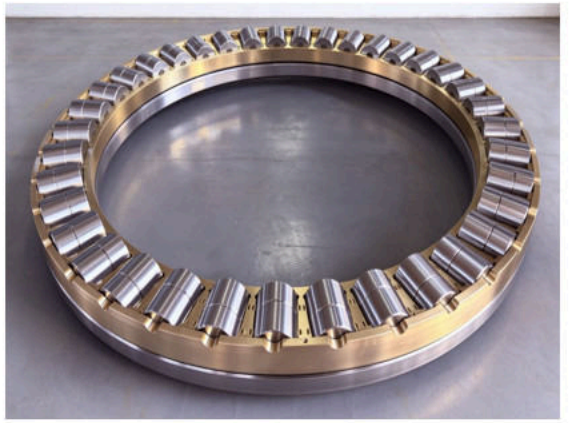
MVP Cone Bearing



MVP Cone Bearing



CH660 Eccentric Bushing



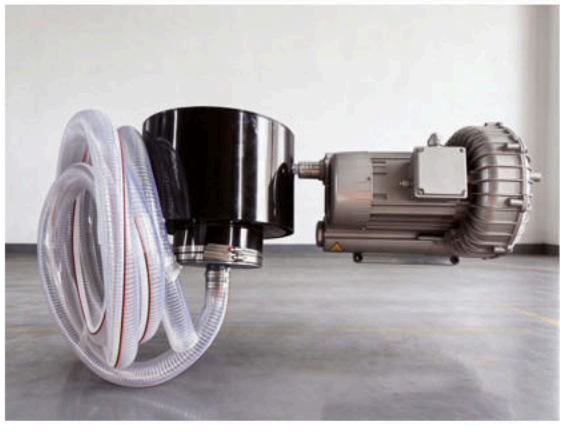
CH660 Main Shaft Step



7FT Cone Feed



HP300 Main Frame Liner Set



H5 Overpressure Unit Fan



MVP Eye Bolt / Clevis Bolt



HP400 Cone Crusher



HP400 Cone Crusher



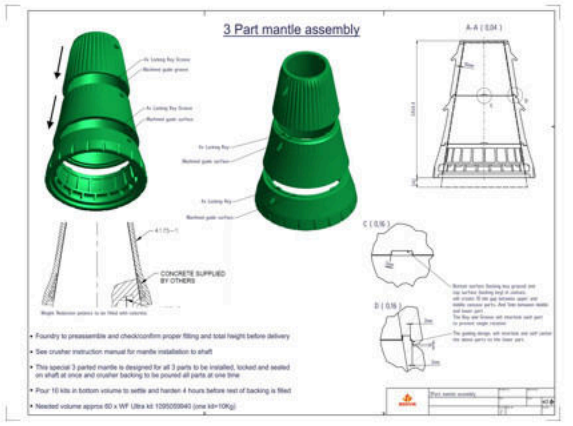
CH440 Cone Crusher



CH430 Cone Crusher

GYRATORY CRUSHER PARTS |

03 GYRATORY CRUSHER WEAR PARTS



Mantle



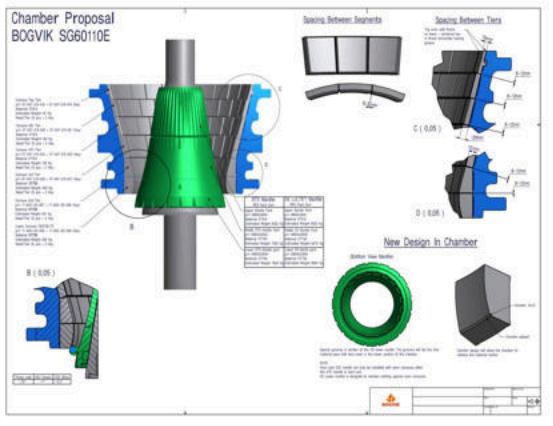
Gyratory 1P Mantle



Mantle



Mainshaft Assembly



Concave Segment



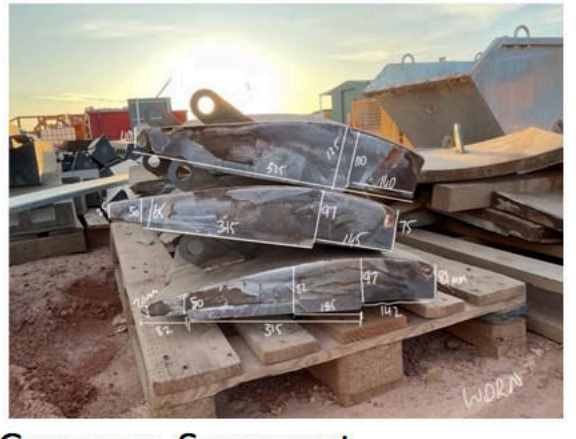
Main Shaft Assy



Spider Cap



Main Shaft Assy



Concave Segment



Head Center



Bottom Shell

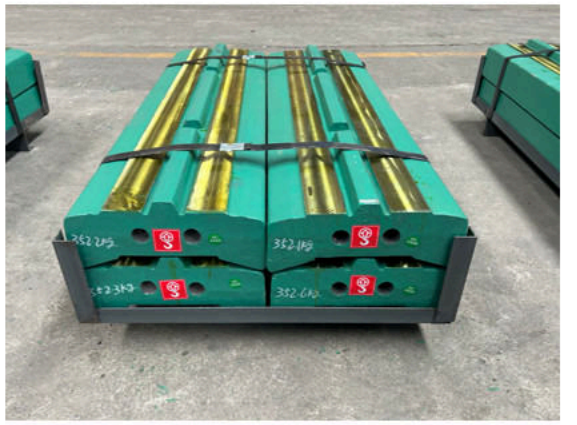
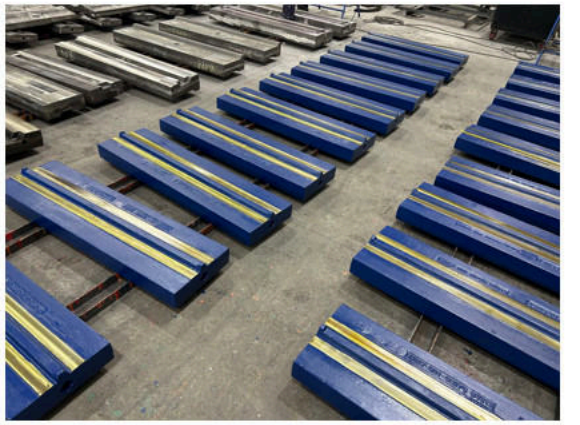
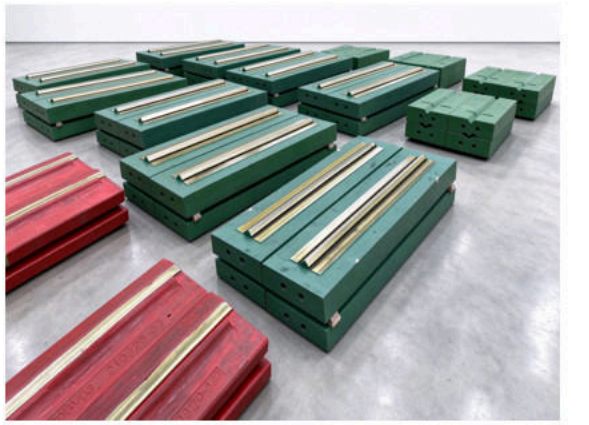


Top Shell

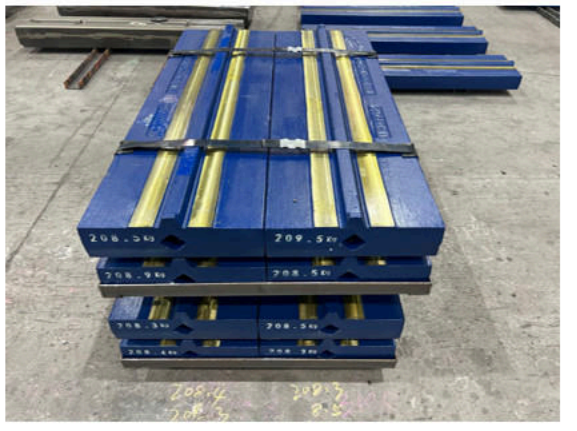
IMPACTOR WEAR PARTS |

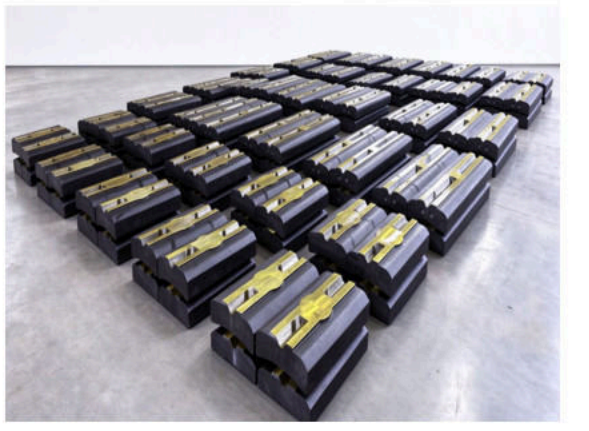
04 IMPACT BLOW BARS



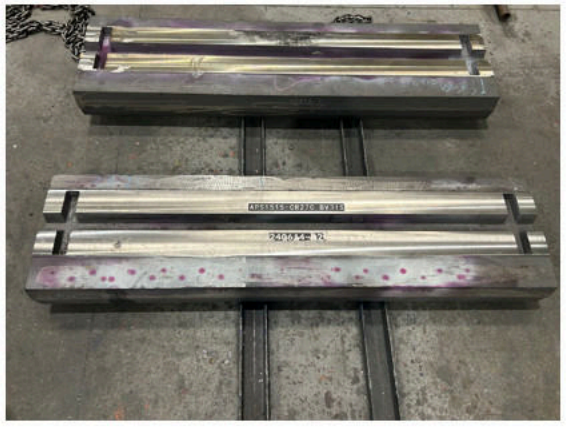
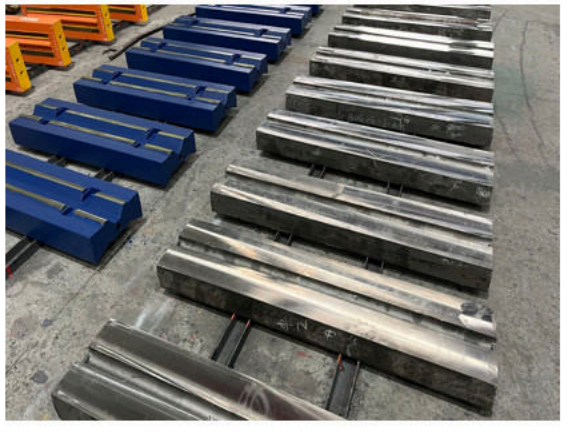
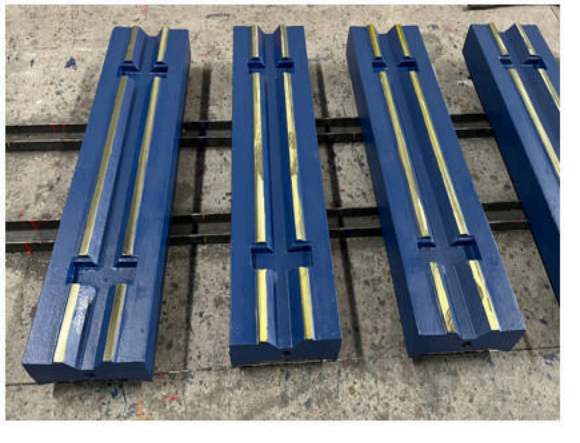
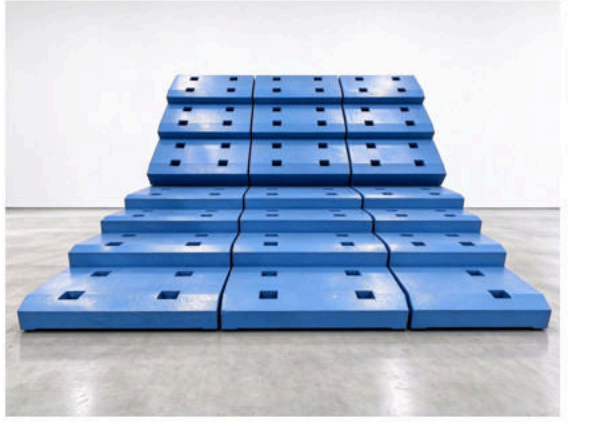




Green hammer for martensitic steel with ceramic FX60 for universal crushing applications.



Yellow hammer for chrome FX25 with ceramic for crushing 0-350mm asphalt or stone.

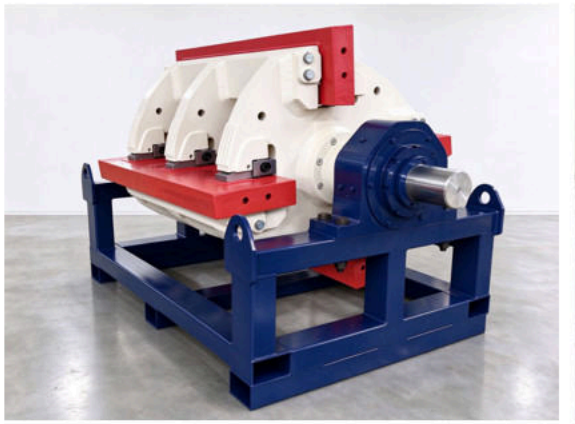
Red hammer material is FX25 with good abrasion resistance and competitive pricing.

IMPACTOR CRUSHER PARTS |

04 IMPACT CRUSHER COMPONENTS



R Series Rotor Fabricated



NP1213 Rotor Assembly



NP1315 Rotor Assembly



NP15 Rotor Fabricated



Base Frame



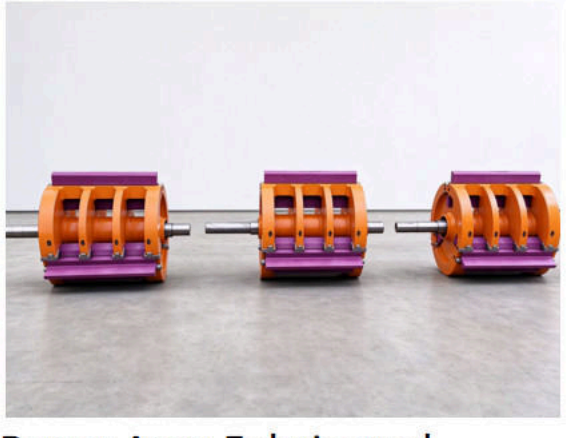
Secondary Breaker



Wear Plate



Impeller Bars



Rotor Assy Fabricated



Apron Liner



Impact Wing



Apron Wear Plate

VSI PARTS |

05 VSI PARTS



VI300 Tip



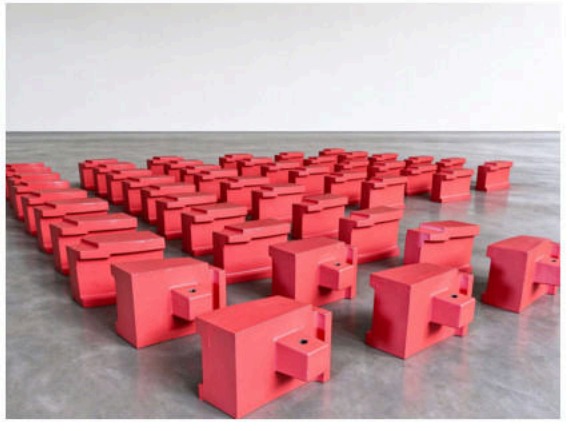
BHS Tip



Canica 2400 Anvil



Canica 2400 Anvil



ER24-HD Impeller Shoes



ER24-HD Impeller Shoes



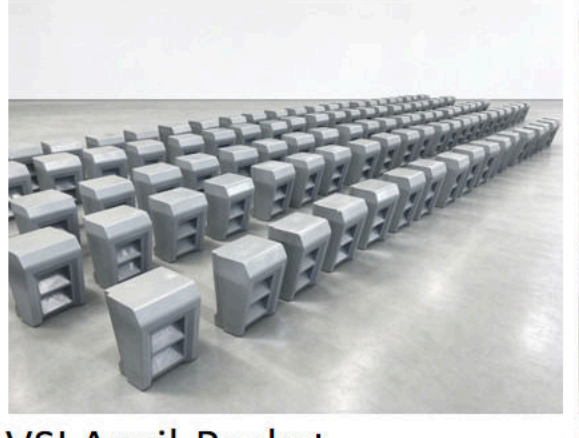
Canica Impeller Shoes



STD Impeller Shoes



Canica Anvil HD



VSI Anvil-Pocket



Rotor Carbide TIP, 32"



Canica Anvil Std

VSI PARTS |

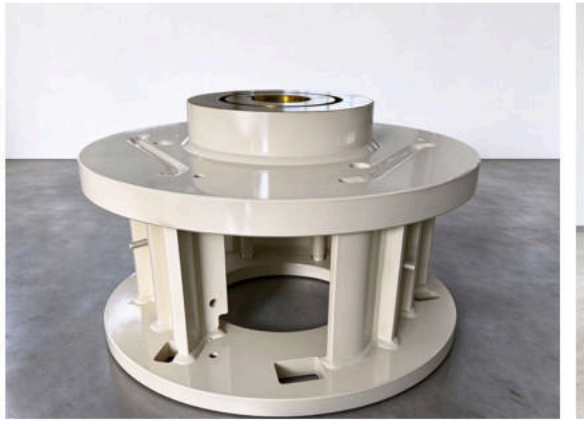
05 VSI PARTS



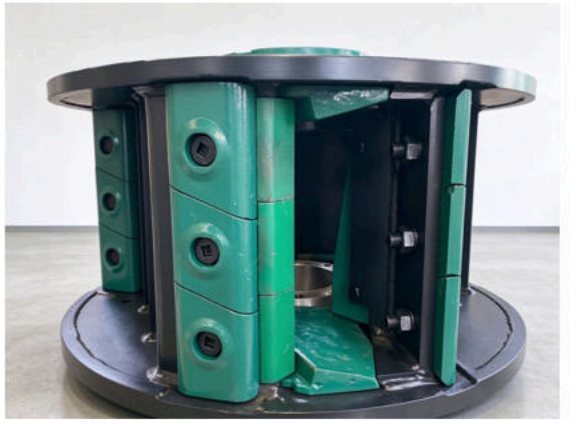
Distributor Plate (WC)



Distributor Plate (Ceramic)



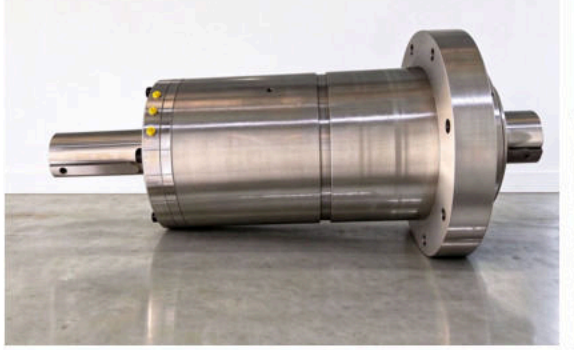
Canica 65 Rotor Body



B7150SE Rotor Assembly



B9100SE Base Assembly



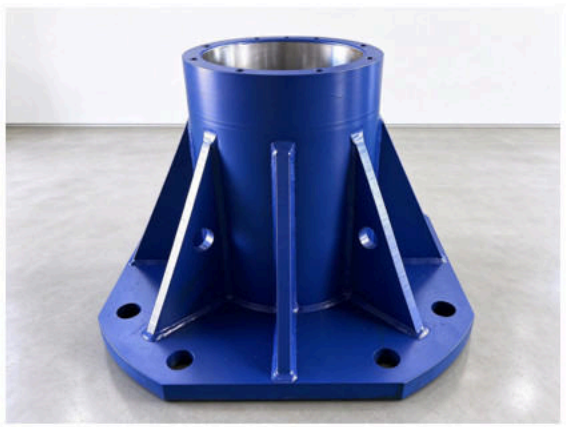
CV228 Mainshaft Assembly



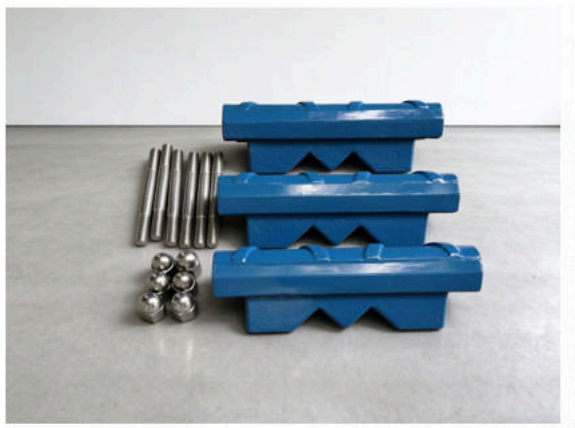
Rotor Upper Cover, 32''



Canica 2000 Wear Plate



Canica VSI Hub



CV228 Rotor Tip Set



B9100SE VSI Tip Set



VSI Tip

ROLL CRUSHER PARTS |

06 ROLL CRUSHER PARTS



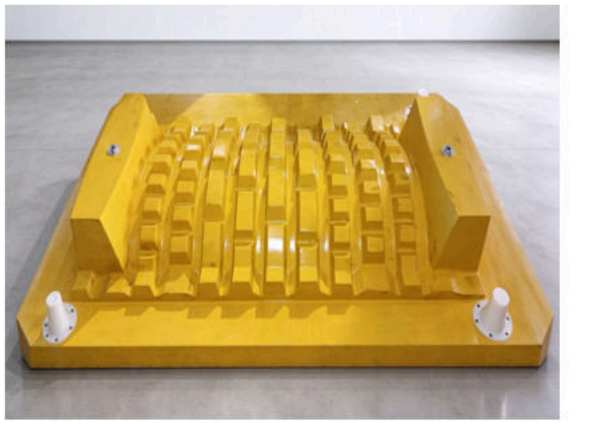
Roll Segment



Roll Segment



Roll Segment



Roll Segment



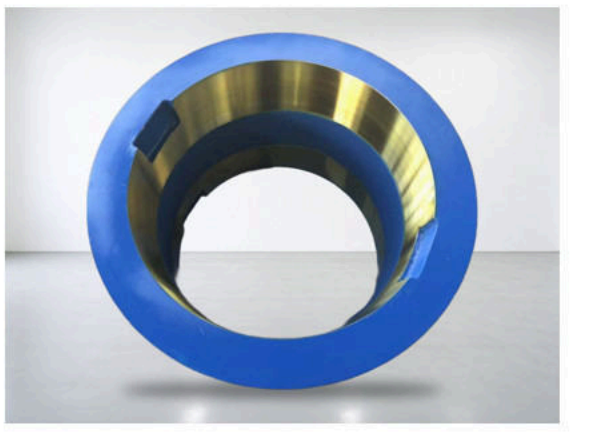
Roll Tooth Ring



Roll Tooth Ring



Roll Shell



Roll Shell



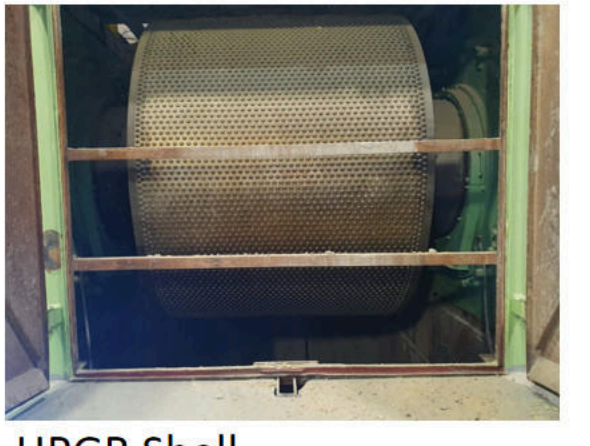
Roll Shell (TiC Insert)



Roll Shell (TiC Insert)



HPGR Shell



HPGR Shell

HAMMER CRUSHER PARTS|

07 HAMMER CRUSHER PARTS



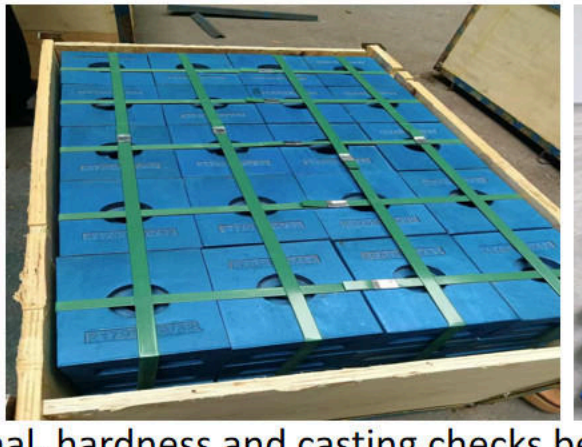
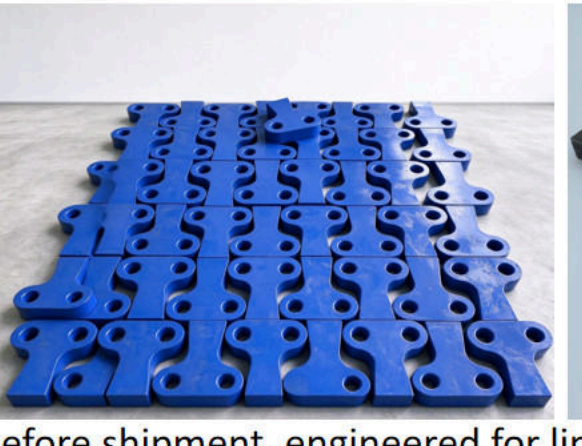



Material & Wear Performance: Manganese, alloy-steel or high-chromium hammers and holders balanced for hardness and toughness, resisting blow impact and abrasion for a long, predictable service life.






Complete Parts Range & Fit: Full range of hammer heads, holders, rotor arms, grate bars and screen plates, dimension-matched with machined pin holes for direct, problem-free installation.


Quality & Application: Dimensional, hardness and casting checks before shipment, engineered for limestone, coal, slag and aggregate crushing to keep grading consistent and cut cost per ton.

METAL SHREDDER PARTS|

08 METAL SHREDDER PARTS



DHT Alloy Hammer



DHT Alloy Hammer



DHT Alloy Hammer



DHT Alloy Hammer



Pin Protector



Pin Protector



Pin Protector



Pin Protector



Spider Cap



Spider Cap



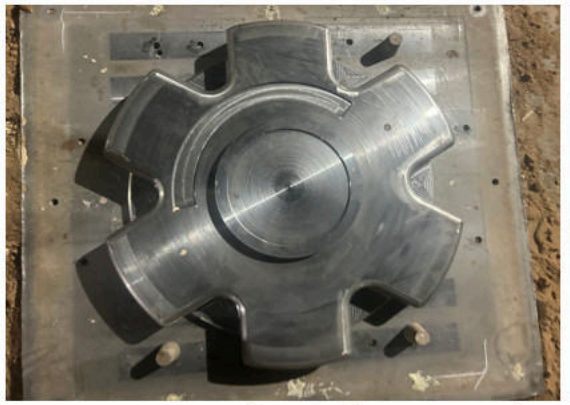
Spider Cap



Alloy Hammer

METAL SHREDDER PARTS|

08 METAL SHREDDER PARTS






Wear part quality influences the shredder plant availability and operation costs!

Our shredder wear parts are designed to provide the lowest cost-per-ton and can be produced using different technologies.






Backed by decades of experience, Bogvik's experts use the best material and the appropriate technology, optimized for metal shredding, for each application.





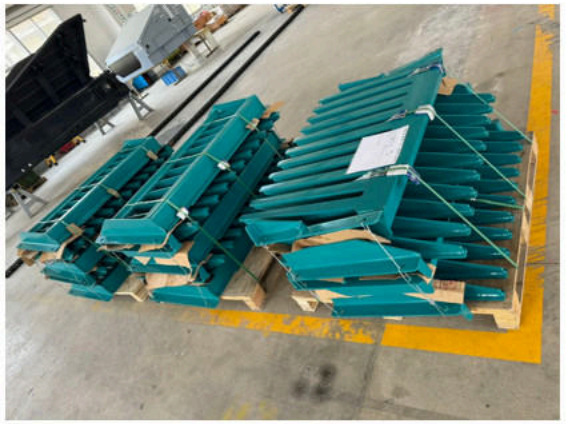

Alloyed and manganese steel, forged steel, rolled steel. Alloyed steel is mainly used for hammers (with differential heat treatment),rotor protection caps, wear plates, anvils. Manganese steels are mainly used for grates (top and bottom) and wear segments, ejection doors.

VIBRATING SCREEN PARTS |

09 VIBRATING SCREEN PARTS



Vibrating Grizzly Bar



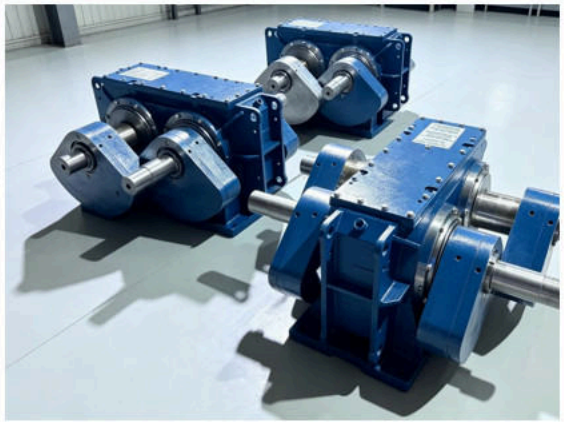
Vibrating Grizzly Bar



Vibrating Grizzly Bar



Vibrating Grizzly Bar



Vibrator Assembly, ML80



Vibrator Assembly, ML80



Vibrator MV3



Vibration Exciter



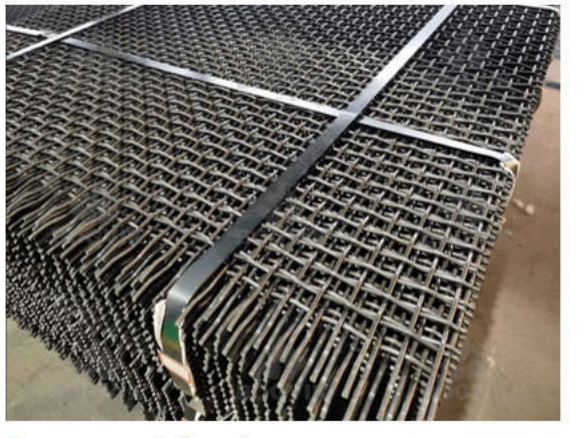
Sheave Screen Drive



Screen Gear Set



Belt Tensioner



Screen Mesh

CONVEYOR PARTS

10 CONVEYOR PARTS





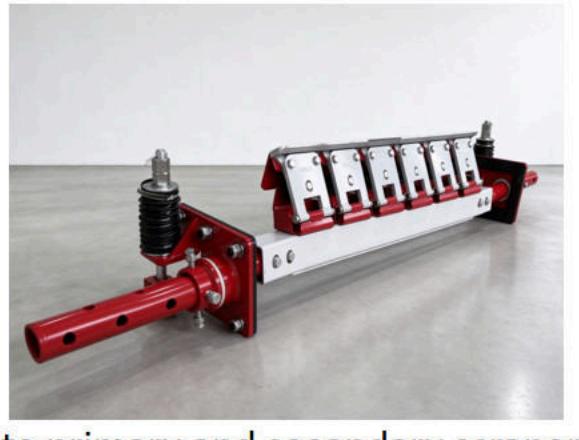
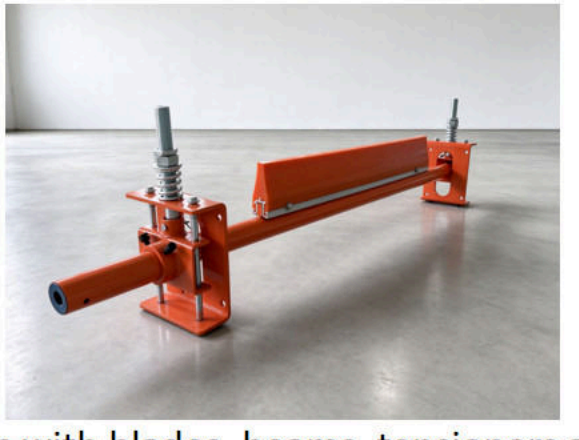


Apron Feed Pans:Reinforced wear-resistant alloy-steel pans with matched chains and sprockets, forming a tough conveying bed that carries ore and aggregate steadily, resists impact and deformation, and keeps feeder flow consistent with easy replacement.






PU Scraper Blades:Durable wear-resistant polyurethane blades that flex evenly against the belt, removing adhered material without damaging the surface for consistent cleaning and long service life.


Belt Cleaner Assemblies: Complete primary and secondary scrapers with blades, beams, tensioners and brackets, cutting carryback and spillage, protecting idlers and downstream parts, and keeping conveyors running at high productivity.

CONVEYOR PARTS |

10 CONVEYOR PARTS



Conveyor Roller



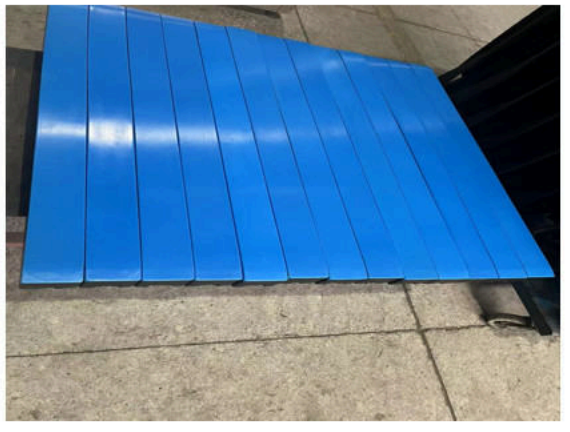
Conveyor Roller



Canoe Liner



Chute Skirt Liner



Impact Bed



Urethane Flashing



Conveyor Belt



Polyurethane Flashing



Grizzly Feeders



Grizzly Feeders



Grizzly Feeders



Pan Feeder

MILL PARTS |

11 MILL PARTS






Material & Wear Performance

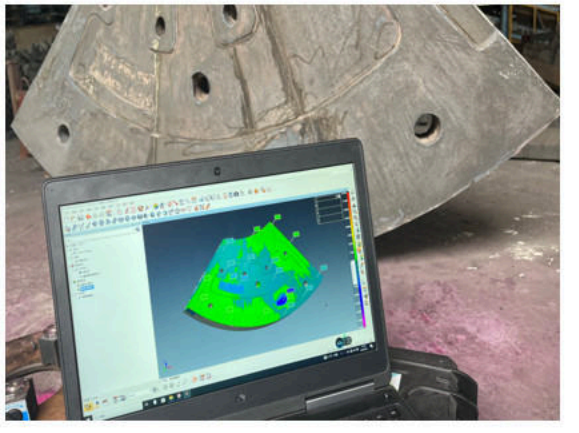
High-strength wear-resistant alloy, heat-treated for outstanding impact and abrasion resistance and a long, predictable service life.






Complete Wear Parts Range： A full range of VTM components — screw liners, end liners, wear caps and attachment hardware — dimension-matched for easy installation and reliable replacement.





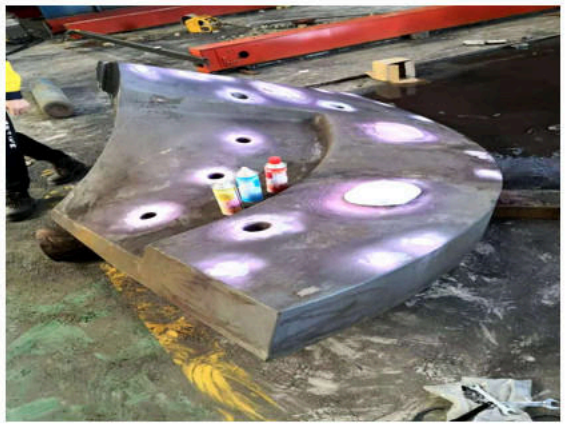

Design & Quality Assurance

3D reverse engineering and strict dimensional, hardness and ultrasonic inspection ensure precise fit, secure anchoring and even wear.

MILL PARTS |

11 MILL PARTS






Customized Solutions & Applications

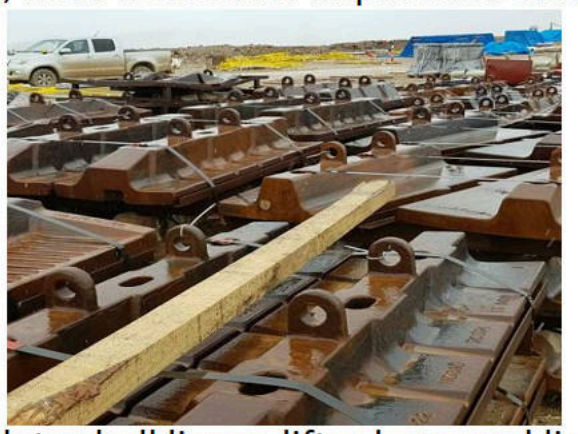
Custom-built for your mill and feed material, optimized to cut maintenance, reduce downtime and lower the cost per ton processed.






Material & Wear Performance

High-strength wear-resistant alloy, heat-treated for impact and abrasion resistance, longer liner life and predictable maintenance intervals.

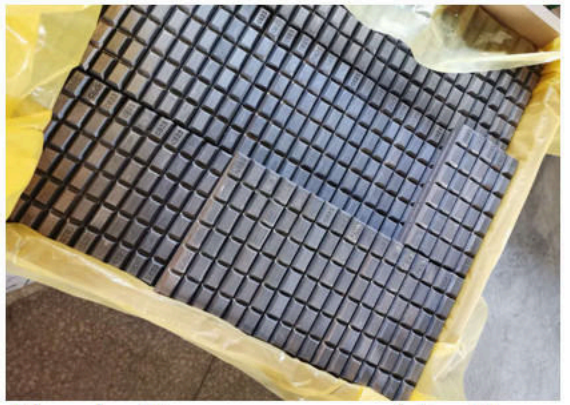



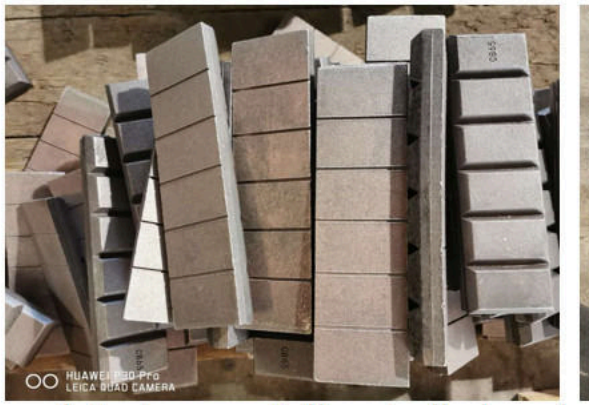


Full Range & Precision Fit： Complete shell liners, lifter bars, end liners and fittings, reverse-engineered and dimension-matched for precise fit, secure anchoring and easy replacement.

MINING WEAR PARTS |

12 MINING WEAR PARTS





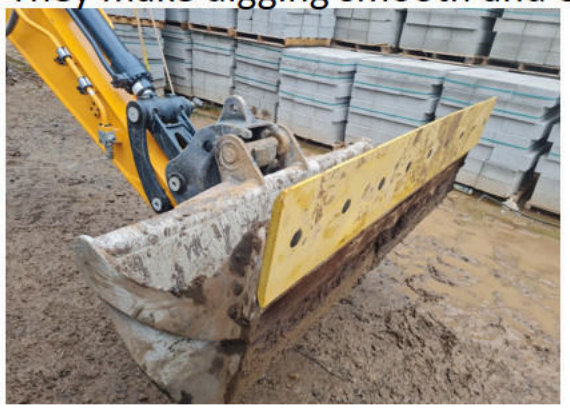
Chocky Bars are a combination of high chromium and molybdenum white iron metallurgically bonded to a mild steel plate.Chocky Bars provide maximum protection in high wear areas, with the mild steel backing cushioning the white iron enabling it to withstand impact.






High-quality bucket teeth are an essential part of a good excavator or backhoe.

They make digging smooth and efficient while minimizing downtime to get the job done quickly.

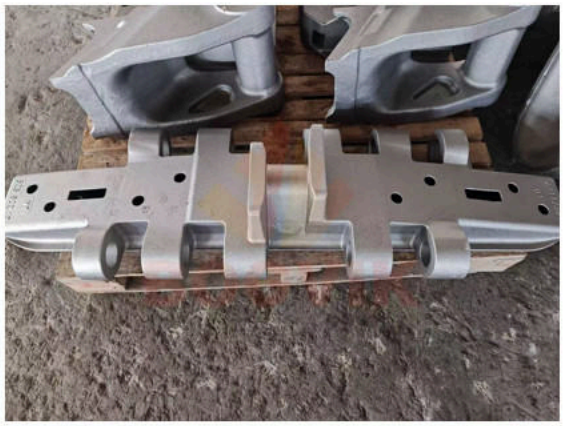
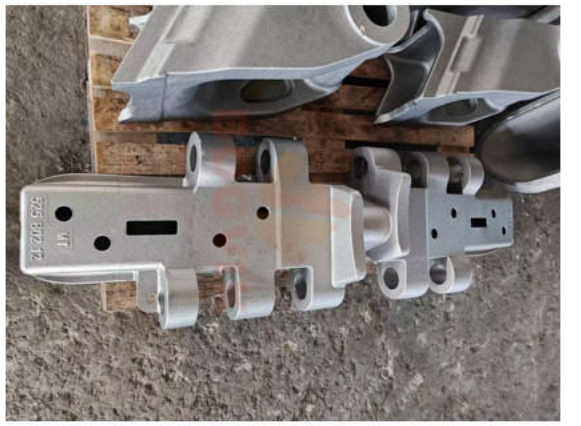




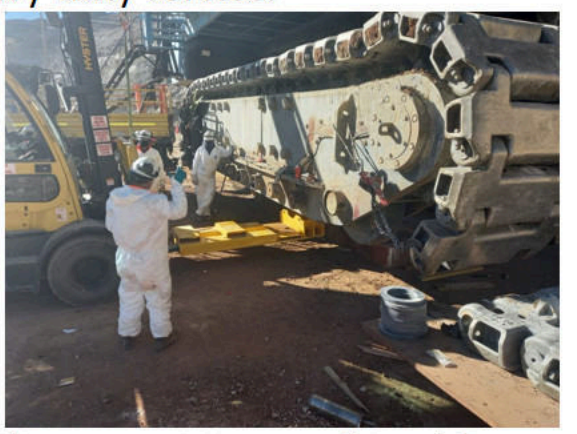

Bogvik manufactures and supplies a wide range of grader blades to suit a variety of machines, including motor grader blades, tractor grader blades and bulldozer blades.Our grader blades are available in a variety of widths, thickness, hardness and shapes.

MINING WEAR PARTS |

12 MINING WEAR PARTS

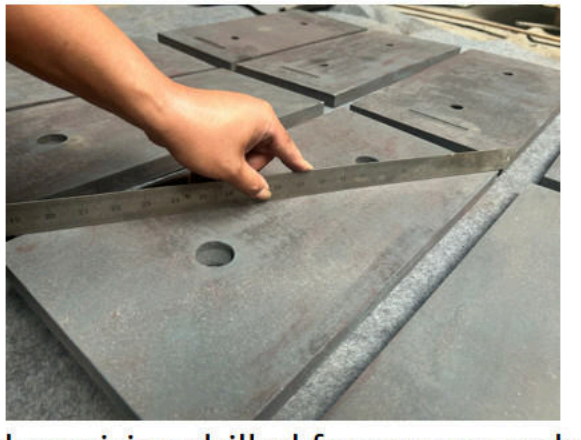

Material & Durability： High-strength alloy steel castings, heat-treated for balanced toughness and hardness to resist impact, bending and abrasive wear in heavy-duty service.



Machining Precision & Compatibility： Precision-machined for correct pin fit, consistent pitch and smooth sprocket engagement, matched to a wide range of excavator, drill rig and crawler models.

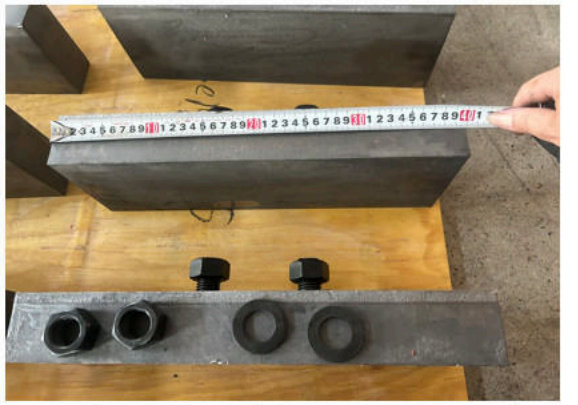





Cast Wear Plates： High-strength wear alloy steel, heat-treated and precision drilled for secure anchoring, protecting chutes, hoppers and crushers against sliding and impact abrasion with longer service life and less downtime.

MINING WEAR PARTS |

12 MINING WEAR PARTS



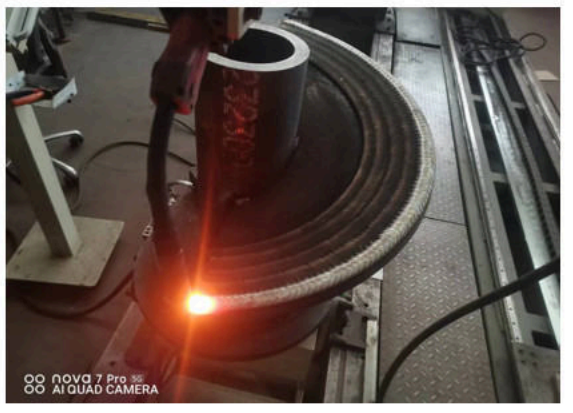
Composite Wear Plates： A 700 BHN chrome-white-iron wear face bonded to a tough, weldable mild steel backing — impact- and abrasion-resistant, yet ductile enough for easy bolting or welding attachment.








Drop Balls： Quality cast-steel drop balls built for excellent durability, efficiently breaking oversize rock in quarries and large slag pieces in blast furnace plants while lowering overall operating costs.







Auger Hardfacing： AR400 steel auger flights overlaid with multi-pass LINCORE60 hardfacing for high hardness and sliding-abrasion resistance, preserving flight geometry and extending service life in bulk-material conveying.

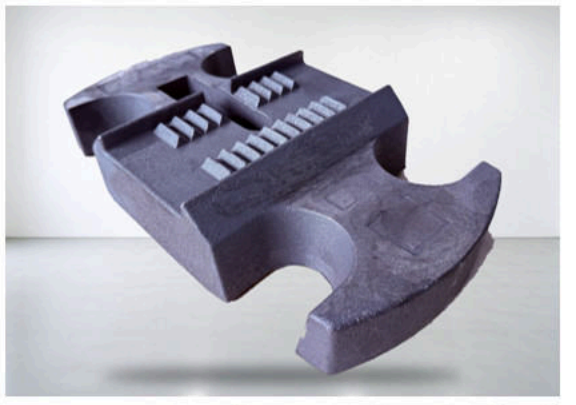
ROAD CONSTRUCTION MACHINERY PARTS |

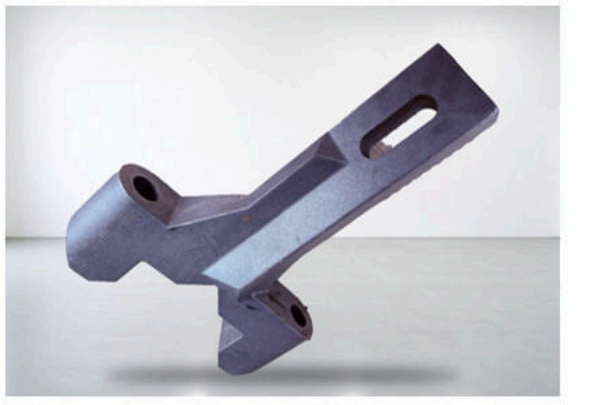
13 ROAD CONSTRUCTION MACHINERY PARTS






Paver Auger Flights & Main Shafts: Wear-resistant alloy-steel auger flights and precision-machined shafts for paver distribution screws, maintaining uniform material flow and smooth rotation for reliable hot-mix paving and longer service life.



Mixer Arms & Blade Holders: Wear-resistant alloy-steel or high-chromium cast arms and holders, machined to original dimensions for direct bolt-on fit, stable positioning and longer service life in concrete mixers.









Road Milling Picks: Hardened alloy-steel shank with a brazed tungsten-carbide tip, cutting asphalt, concrete and soil efficiently with impact resistance, long wear life and easy holder fit for milling machines and recyclers.

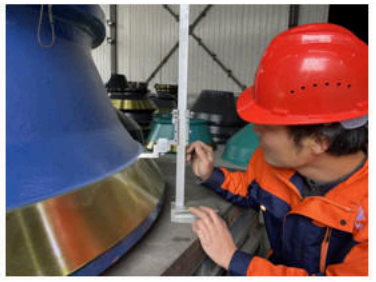
QUALITY INSPECTION

QUALITY INSPECTION |









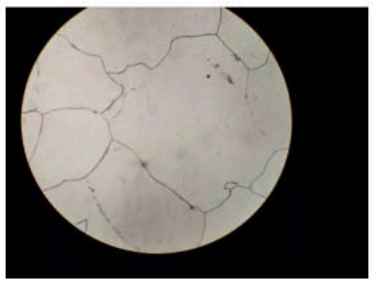


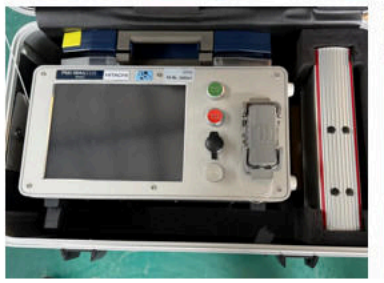


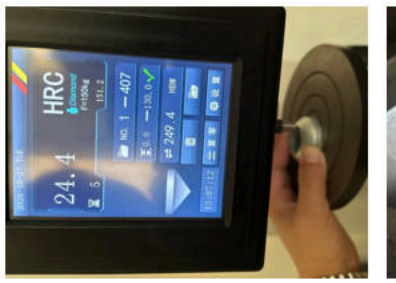








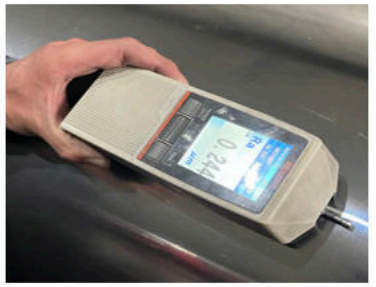



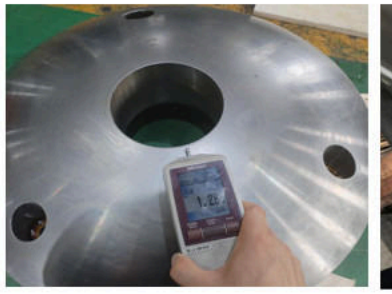


1. DIMENSIONAL INSPECTION |
2. JIG INSPECTION |
3. ASSEMBLY INSPECTION |
4. METALLOGRAPHIC TEST |
5. SPECTRAL ANALYSIS |
6. HEAT TREATMENT |
7. HARDNESS TESTING |

QUALITY INSPECTION

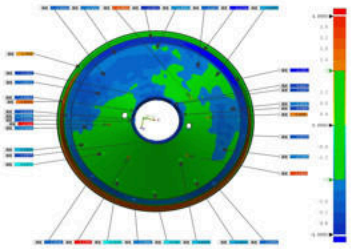
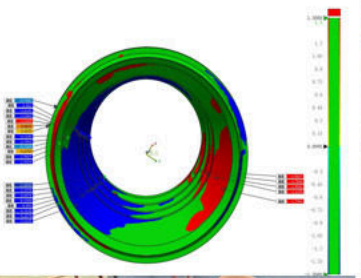
QUALITY INSPECTION |

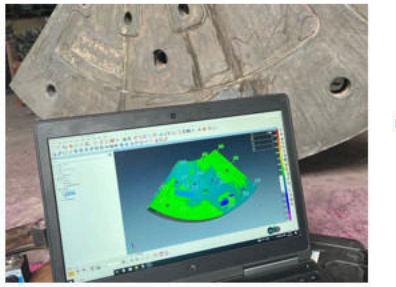
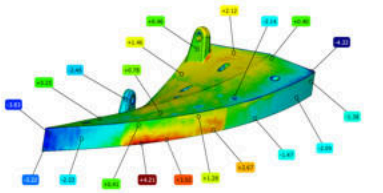








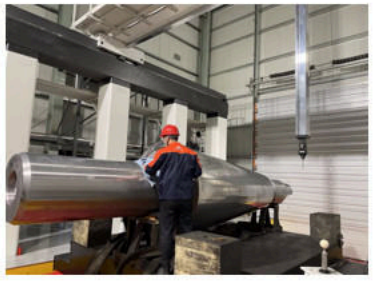



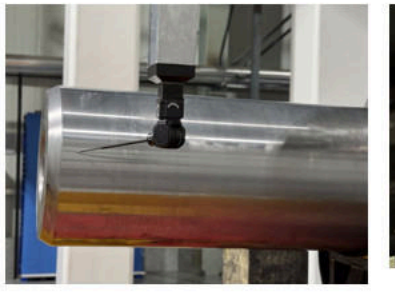
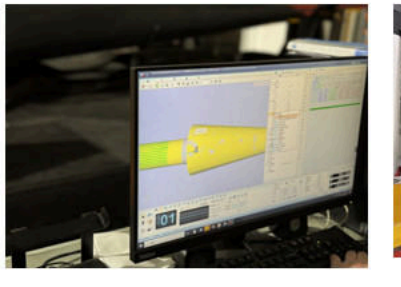












08. ROUGHNESS INSPECTION |

09. TEMPERATURE DETECTION |

10. REVERSE ENGINEERING (3D SCANNING) |

11. CMM (COORDINATE-MEASURING MACHINE) |

QUALITY INSPECTION

QUALITY INSPECTION |





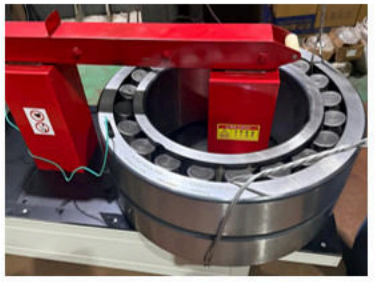
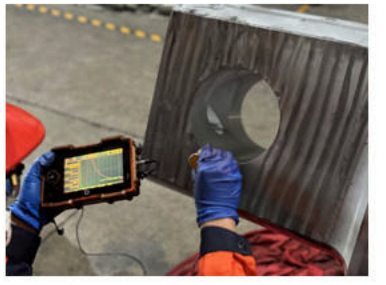
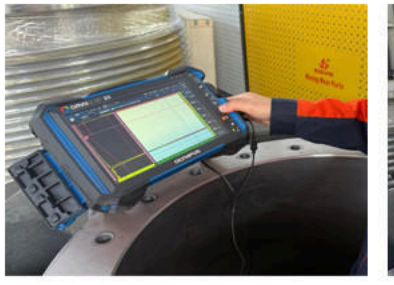
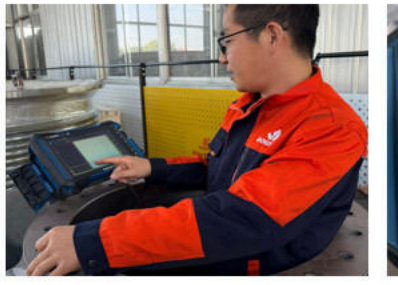
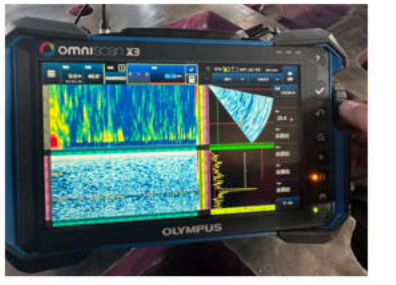


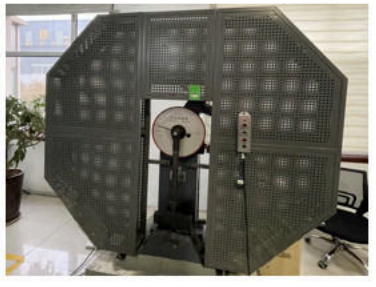




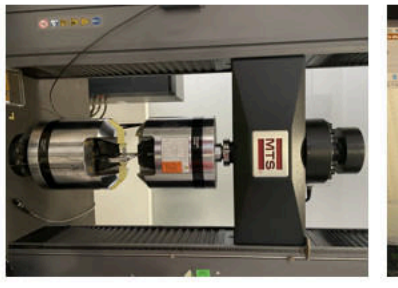








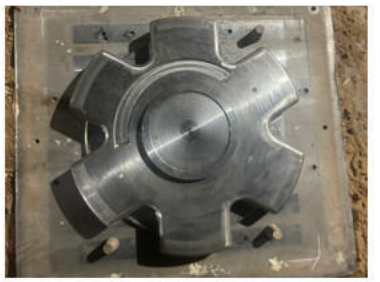
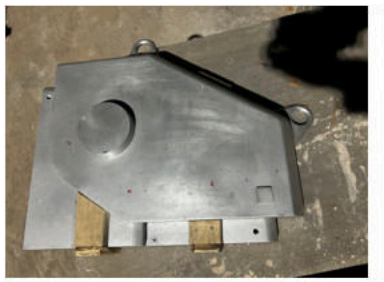


12. NDT : VT/PT/MT/UT/PAUT |

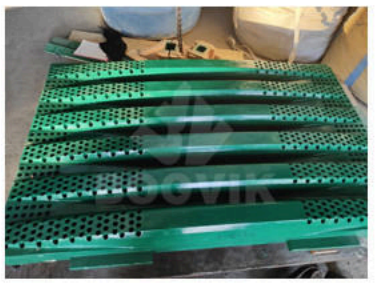
13. MECHANICAL PROPERTIES: IMPACT TEST / TENSILE TEST |

A staged inspection covers dimensions, jig and assembly fit, spectral and metallographic analysis, heat treatment and hardness, impact and tensile tests, NDT (VT/PT/MT/UT/PAUT), roughness, temperature, CMM and 3D scanning — only parts meeting all drawing, material and performance standards are released for shipment.

PRODUCTION AND DELIVERY OF PATTERN |







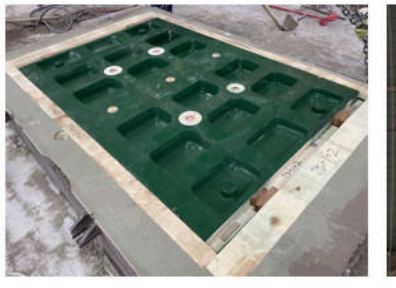








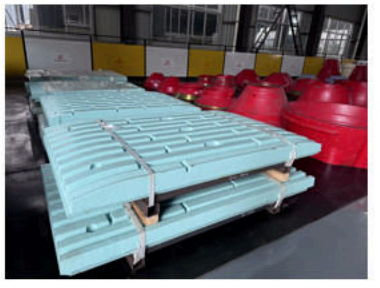


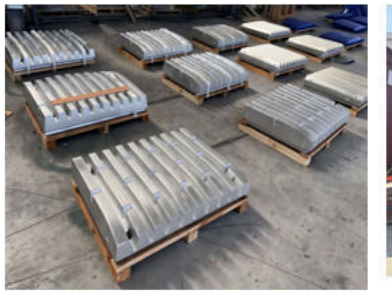




Pattern Production & Delivery

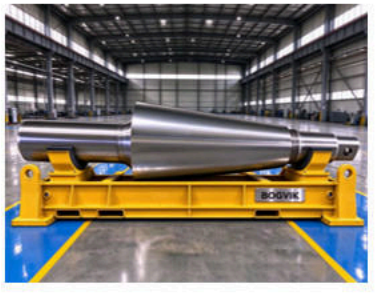
We design and manufacture casting patterns — including machined metal patterns, pattern plates, match plates and core boxes — from customer drawings or 3D scan data. Precision-machined to the required shrinkage allowance and contour, each pattern reproduces the exact geometry, mounting features and surface detail of the finished casting, providing a stable, repeatable mold for foundry production. Completed patterns are inspected for dimensional accuracy before delivery, supporting sound castings, consistent dimensions and reduced trial cycles for our wear-parts range.

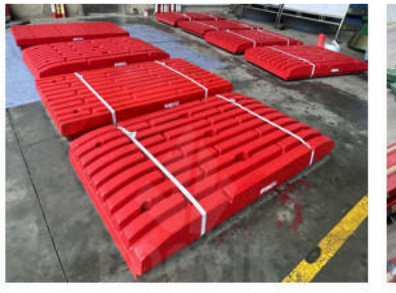
PACKAGING & SHIPPING |

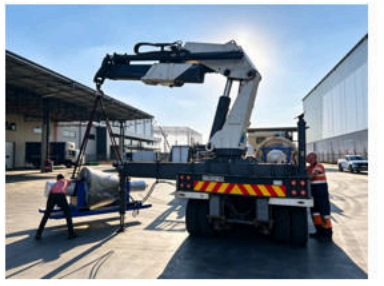
















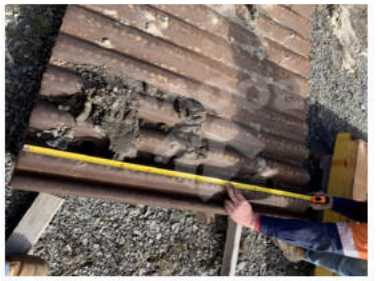


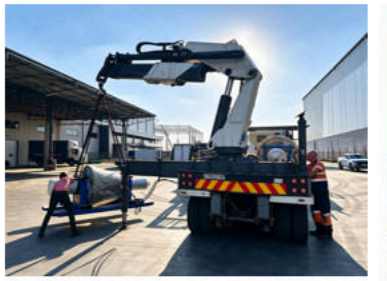


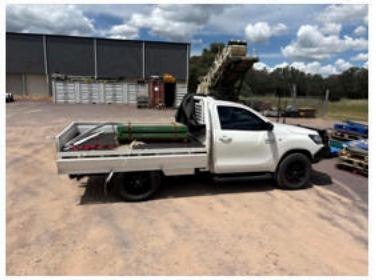
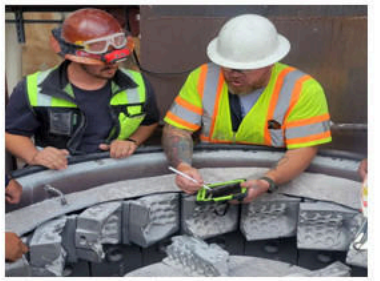
Packaging & Shipping

Before dispatch, all wear parts are surface-treated and painted for corrosion protection, then securely strapped, blocked or crated on pallets and wooden frames according to size and weight. Large assemblies are mounted on dedicated transport skids, while delicate machined faces and fitting surfaces are individually protected. Cargo is loaded and secured for sea or road transport — whether in containers, open-top or flat-rack units — with clear marking and packing lists, so your components arrive intact, well identified and ready for installation.

APPLICATION |

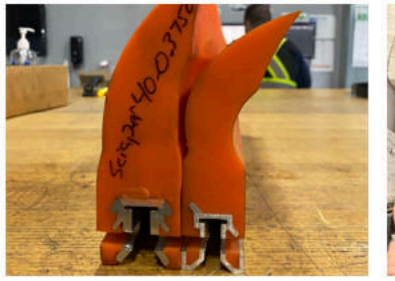









Applications

Our wear and spare parts are deployed across quarrying, mining, aggregate production, cement and recycling operations, where they protect and maintain crushers, mills and material-handling equipment under heavy impact and abrasive conditions. The range covers jaw, cone and impact crusher components, mill liners, hammers, blow bars and conveyor and auger wear parts, installed and serviced on site to keep processing lines running efficiently. Engineered to match the demands of each application and feed material, our components help sustain throughput, extend service intervals and reduce downtime in demanding working environments.

CONTACT US |

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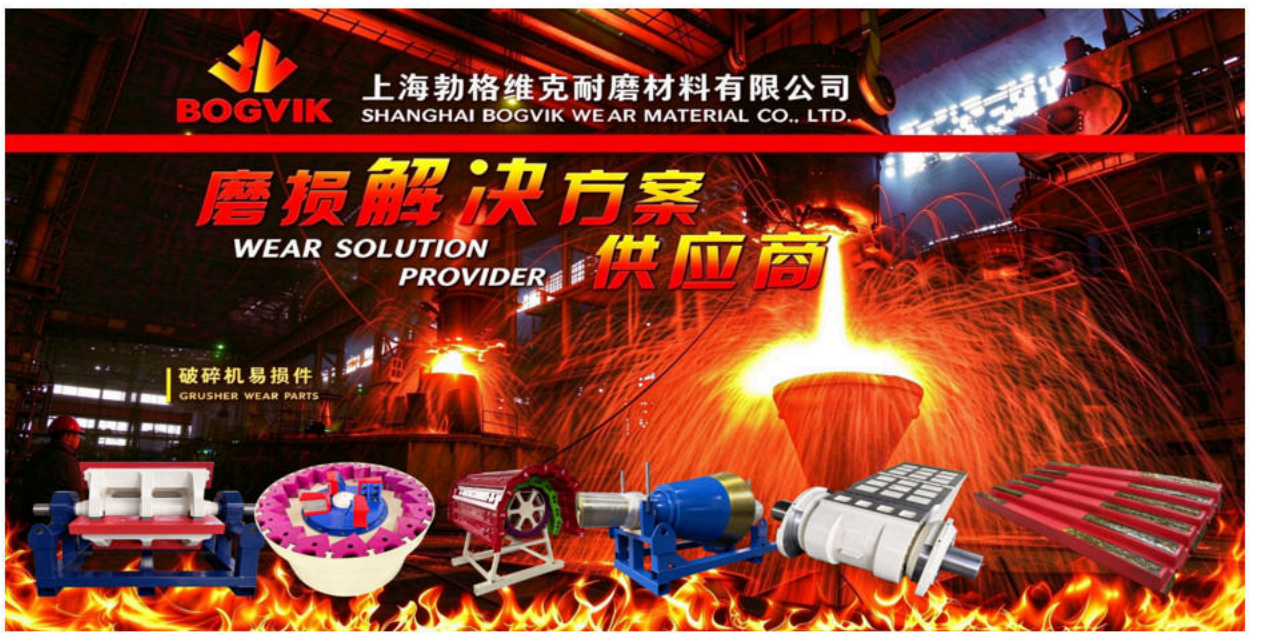
0086 13367323670

Email: sales@bogvik.com





PREMIUM WEAR PARTS®

SHANGHAI BOGVIK WEAR MATERIAL CO., LTD.



