

Track Roller

4666752

Main specification parameter for Track Roller

Brand	Model	Product Name	Part Number
Hitachi	EX1200	Track Roller	4666752



Compatible Equipment Models: EX1200

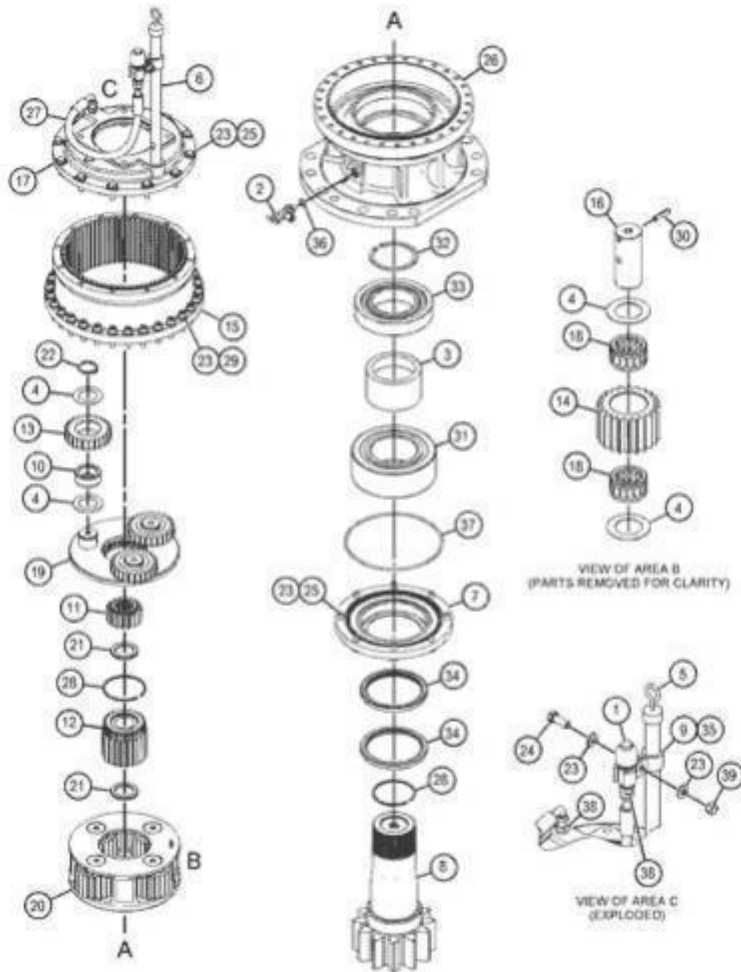
We are committed to providing a variety of parts including bulldozers, excavators and wheel loaders for well-known brands such as Carter and Komatsu. Our product line covers a full range of OEM parts, such as Track Chain, Track Rollers, Sprocket, Excavator Buckets, Blades, Excavator Cylinders, Swing Circles, and various electrical and hydraulic components to ensure that our customers' stringent requirements for quality and performance are met.



Stone (Shanghai) Engineering Machinery Co., Ltd. is a leading supplier of engineering machinery parts, focusing on providing high-quality parts for mining companies. Since its establishment in 2004, we have been based in Shanghai, China, and have built our own brand STONE, becoming a trusted choice in the industry.

4666752

Product Detail



Product Name	Swing Gearboxes
Part Number	4666752
Origin	Japan
Brand Name	STONE
Model	EX1200
Price	Negotiable
Packing Details	Standard Export Packing
Delivery Time	0-30 Days
Payment Term	L/C, T/T
Price Term	FOB, CIF, CFR
Supply Capacity	50,000 PCS/Month
Minimum Order Quantity	1 PC
Material	High Quality Steel
Technology	Precision Machining
Surface	Treatment Anti-Corrosion Coating
Hardness	HRC 48-52
Quality	Original Factory Standard
After-Sales Service	Full Support, Online Service
Color	Customizable
Application	Excavator
Customizable	including customized materials, surface treatment and specifications



STONE Company Brochure

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Tel: +8617717362897 (Wechat/WhatsApp)

Address: No. 348 Huajiang Road, Room 221, Shenyao Art Center, Jiading District, Shanghai



About Us

STONE is a professional company focusing on mining equipment parts, providing customers with one-stop solutions for mining parts including R&D, supply and technical services. Our company has its own brand STONE and has established a professional R&D and service team of more than 30 people. Our core team has been deeply involved in the construction machinery industry for more than 20 years.

STONE 是一家专注于矿山设备配件的专业公司，为客户提供包括研发、供应及技术服务在内的矿山配件一站式解决方案。公司拥有自有品牌“STONE”，并组建了一支 30 余人的专业销售服务团队。我们的核心团队深耕工程机械行业已 20 余年。

At STONE, we are committed to our mission:
Building The World Together!

COMPANY HISTORY

Mountain Pine Group

Start Wholesale Business Of
Engineering Machinery Parts.
开始工程机械配件
批发业务

2007

2004 since



Mainly Engaged In Second-Hand
Cars And Maintenance Services.
主营二手车
及维修服务

2012

Subsidiaries



Qun Ding Sports Company
Construction of stadiums/golf
courses/football fields, etc.
群鼎体育公司,
体育场馆/高尔夫球场/足球场等
建设

2018

Established the equipment
sales division and obtained
SHANTUI agency rights
成立设备销售事业部,
取得山推代理权

The **STONE** Brand Was Established To
Focus On The Mining Equipment Field
STONE品牌成立,
专注于矿山设备领域



2020

Keep Going...

2025

2021

Subsidiaries



DenaYOU Company
Turf Machinery Production
德耐优公司,
草坪机械生产

STONE

One-Stop Supplier Of Mining Equipment Parts

We practice STONE core values of “Building The World Together! ”



C O N T E N T S

01 UNDERCARRIAGE PARTS



02 GROUND ENGAGING TOOLS



03 HYDRAULIC PARTS



04 ENGINE PARTS



05 GEAR PARTS

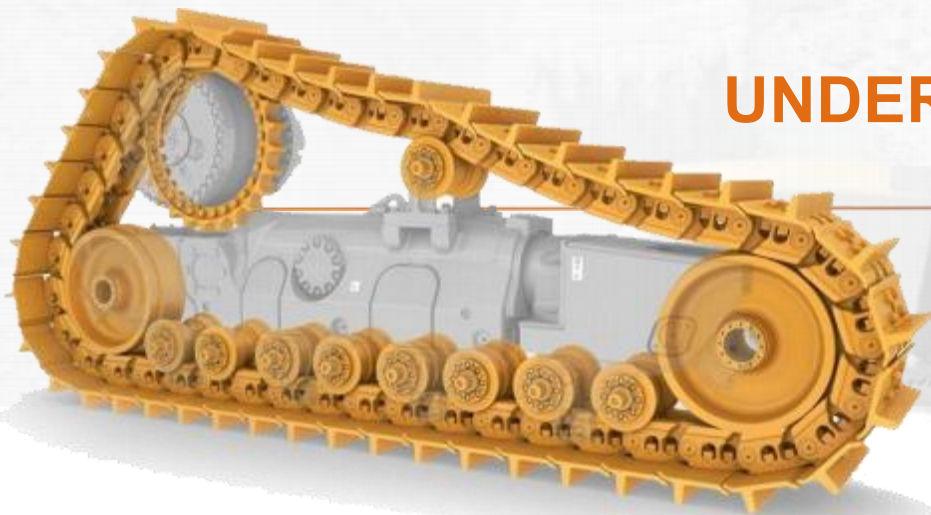


06 OTHER EQUIPMENT PARTS



UNDERCARRIAGE PARTS-底盘件

For Bulldozers
推土机





Bulldozer Chassis-推土机底盘

Original Quality Standards 原厂质量标准

Bulldozer undercarriages significantly extend service life by enhancing pin and bushing retention.

Developed to align with OEM specifications, our approach effectively reduces axial clearance and precisely controls seal movement. This engineering approach significantly improves pin/bushing wear resistance.

推土机底盘系统通过增强销轴和衬套的固定力，显著延长了使用寿命。我们的研发标准与原厂设备制造商的规范相一致，可有效减小轴向间隙并精确控制密封件运动。这种工程方法显著提高了销轴/衬套的耐磨性。

- + Up to 25% longer life compared to General Duty (GD) 与通用型 (GD) 相比，使用寿命延长高达 25%
- + 15-30% lower operating costs compared to General Duty (GD) 与通用型 (GD) 相比，运营成本降低 15-30%
- + Industry-leading Performance 行业领先的性能
- + Pin and bushing coatings for longer seal life 销轴和衬套涂层，延长密封件寿命



BOGIE MINOR转向架

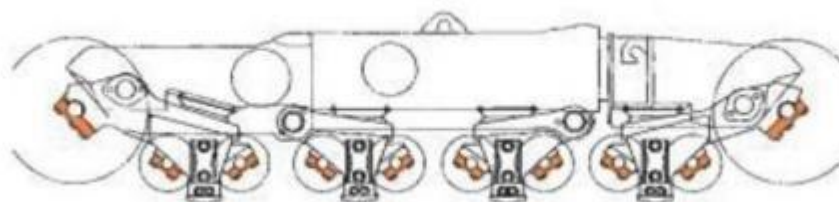
Cat D8 D9 D10 D11, Komatsu D155 D275 D375 D475 ...



PART NO.	DESCRIPTION	OLD NO.	MACHINE
7T8555	BOGIE - MINOR	6T1165	D8L, D8N, D8R, D8R II D8T, 578
9W0685	BOGIE - MINOR	6T1151	D9L, 589
6T1382	BOGIE - MINOR		D9L, D10N, D10R, D10T
1564208	BOGIE - MINOR(RH)		D10R
1564209	BOGIE - MINOR (LH)		D10R
7T5420	BOGIE - MINOR		D9N, D9R, D9T
1573106	BOGIE - MINOR(RH)		D9R
1573107	BOGIE - MINOR (LH)		D9R
9W6723	BOGIE - MINOR		D11N, D11R
1384151	BOGIE - MINOR (RH)		D11R
1384152	BOGIE - MINOR (LH)		D11R
2618287	BOGIE - MINOR		D11R, D11T
2618288	BOGIE - MINOR (RH)		D11R, D11T
2618289	BOGIE - MINOR (LH)		D11R, D11T

ROLLER CAPS , TRACK ADJUSTER

支重轮盖 张紧油缸装置



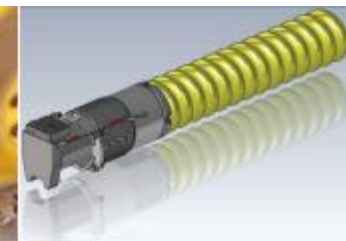
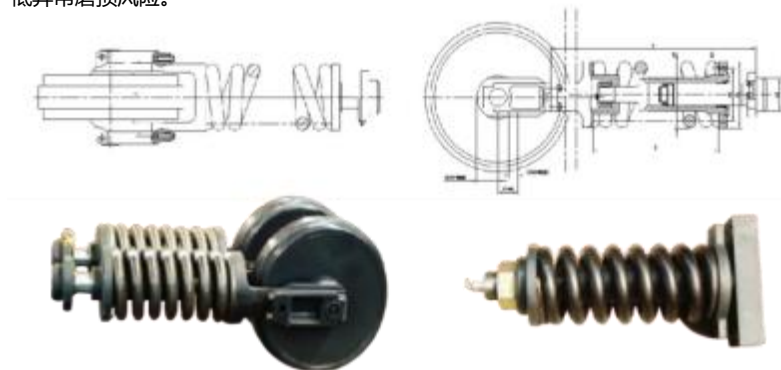
Product introduction

•Specially engineered for top-tier bulldozer brands including Caterpillar, Komatsu and Hitachi, these products adhere to original factory dimensional specifications. Featuring micron-level assembly accuracy, it ensures seamless integration with diverse model undercarriage parts. Direct installation is achieved without post-assembly modifications.

专为卡特彼勒、小松、日立等顶级推土机品牌设计，这些产品符合原厂尺寸规格，确保与各型号底盘部件无缝适配，可直接安装，无需装配后修改。

•Utilizing raw materials and manufacturing processes identical to original factory specifications, the track roller cap sealing performance and tensioner elastic adjustment accuracy meet original machine standards. This engineering solution maintains constant track tension under dynamic operating conditions, effectively mitigating abnormal wear risks.

履带支重轮盖的密封性能和张紧器的弹性调节精度均达到原厂标准。该设计方案能在动态作业工况下保持履带张紧度稳定，有效降低异常磨损风险。



Brand model Machines

品牌型号

bulldozer



D8/D8N/D8R/
D8K/D8T



D9/D9N/D9R



D10/D10R/D10T/D10N



D11/D11N/D11R/D11T...

KOMATSU

bulldozer



D155



D275



D355



D375



D475

SHANTUI

bulldozer



SD32



DH46



SD60



SD90

LIEBHERR

bulldozer



PR736



PR746



PR756



PR776

CATERPILLAR®

KOMATSU

LIEBHERR

SHANTUI

UNDERCARRIAGE PARTS 底盘配件

For Excavators
挖掘机



TO DO THE WORK

Undercarriage System 底盘系统

-Mining Excavator 矿用挖掘机

OUTLASTS
THE COMPETITION

TRACK SHOES

Rolled from modified medium carbon steel and deep-hardened for long wear life. Heavy cross-sections with curved leading and trailing edges resist bending. Available in a wide range of styles and widths.

CARRIER ROLLERS

Hardened for long wear life, unmatched structural support and resistance to deformation. Sealed and Lifetime Lubricated with Cat Duo-Cone® Seals.

Carrier Rollers incorporate large shafts and bearings to promote longer component life. Cantilever-mounted to minimize material build-up and provide easier cleaning. Hardened rims resist cracking and chipping.

IDLER

Cast or fabricated with internal reinforcing plates for superior strength and durability. Sealed and Lifetime Lubricated with Cat Duo-Cone Seals.

SPROCKET

Superior surface hardness, hardened depth, and core hardness provide long wear life, resistance to bending / breakage and maximum hardware retention. Available in three styles.

TRACK ROLLERS

Hardened for long wear life, unmatched structural support and resistance to deformation. Sealed and Lifetime Lubricated with Cat Duo-Cone Seals.

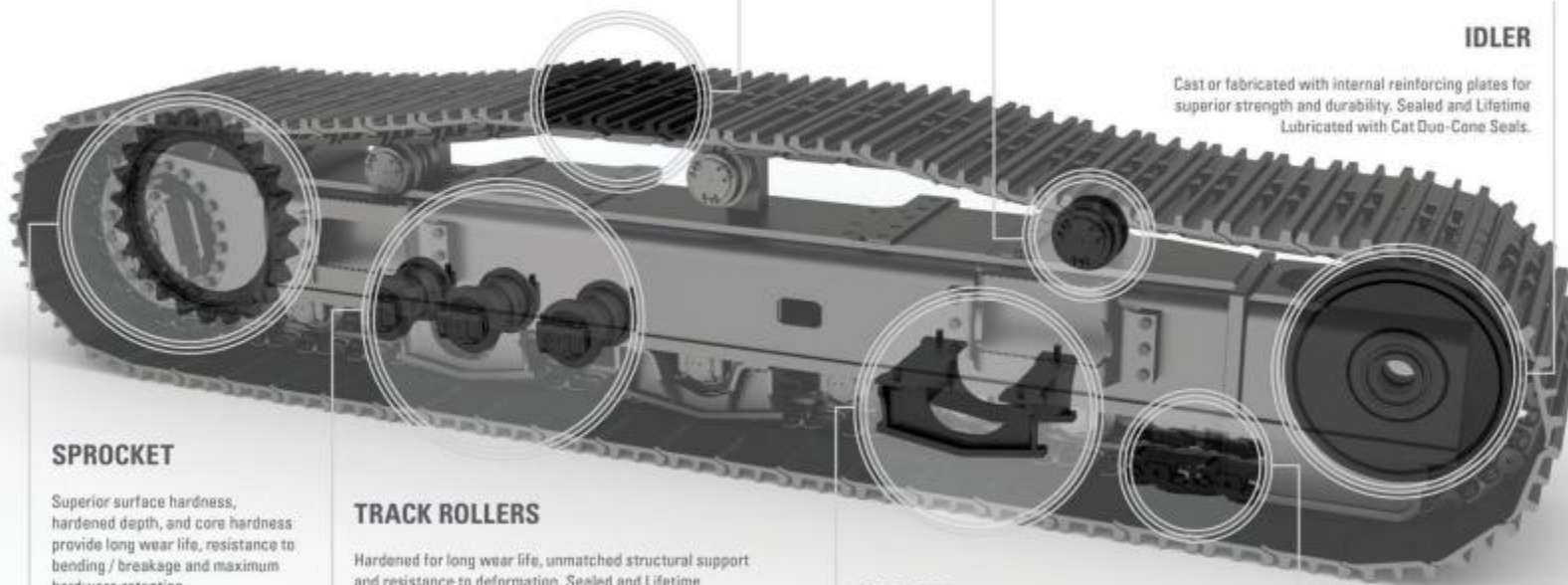
Track rollers are available with single or double flange. Wide flanges resist rollover. High-strength steel and deep hardening virtually eliminate wear, shock loads and bell mouthing. Sleeve bearings and large, hardened shafts absorb impacts and deflection.

GUARDS

Track guiding guards help align the equipment tracks during operation.

LINKS

Manufactured for excellent wear resistance, strength and durability. Special heat-treatment processes produce consistent surface hardness, superior hardened depth and strong core hardness.



1000⁺ TRACK GROUP 履带组件

Developed in collaboration with leading steel mills, our proprietary alloy steel combined with induction quenching on chain link treads and pin bush inner/outer surfaces delivers breakthrough improvements in wear resistance and operational condition adaptability.

与领先钢厂合作研发的专有合金钢，结合链节履带及销轴衬套内外表面的感应淬火工艺，在耐磨性和工况适应性方面实现了突破性提升。



Single Grouser Track

Double Grouser Track

Triple Grouser Track



Cast steel track shoes

Whole Track A

Whole Track B



Swamp Track

Rubber Track

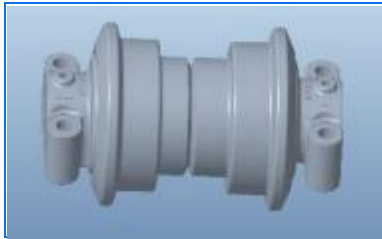
More products



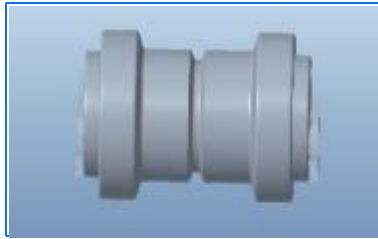
500 + TRACK ROLLER-支重轮

The wheel body that has undergone overall hardening treatment and the floating seal verified by limit tests ensure the reliability of products under harsh working conditions such as mining and heavy loads.

经过整体硬化处理的轮体、经过极限试验验证的浮动密封，确保了产品在矿山、重载等恶劣工况下的可靠性。



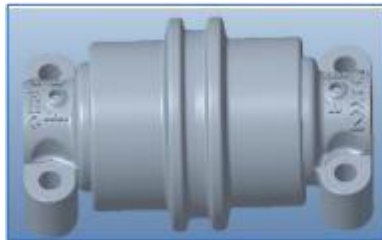
Type A



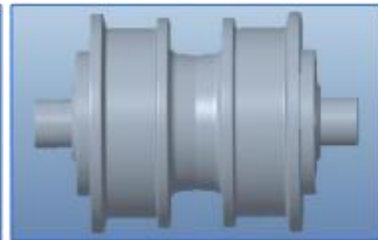
Type B



Type C



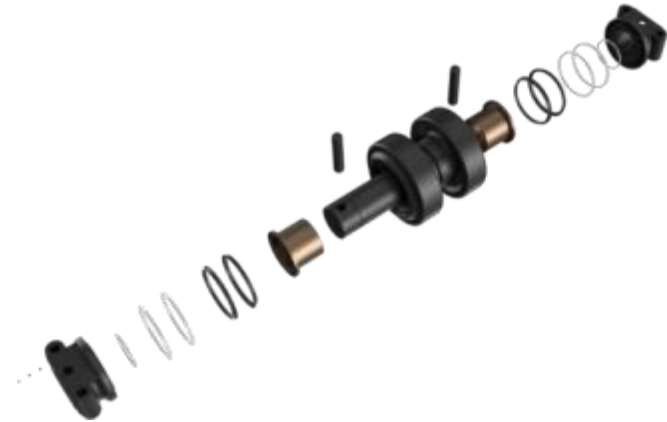
Type D



Type E



More products



400 + SPROCKET驱动轮

Based on the host operating conditions, design conventional teeth, continuous teeth, staggered teeth and other driving structures, we develop high alloy structural materials and heat treatment processes, achieve high-temperature reinforcement and low-temperature toughening, significantly improve product strength and wear resistance.

根据主机工况，我们设计了常规齿、连续齿、交错齿等驱动结构，并研发高合金结构材料及热处理工艺，实现了高温强化与低温增韧，显著提升了产品的强度与耐磨性。



Type A



Type B



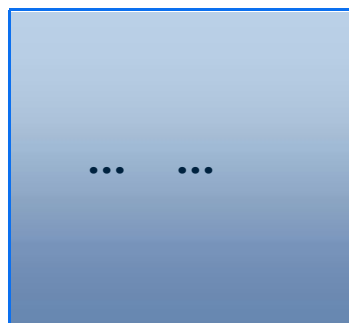
Type C



Type D



Type E



More products



360 + IDLER 引导轮

The wheel body is cast or forged as a whole, to have good fatigue resistance. At the same time, high-strength sliding bearings and sealing technology are used to improve the adaptability of products under extreme working conditions.

轮体采用整体铸造或锻造，具有良好的抗疲劳性。同时，采用高强度滑动轴承及密封技术，提高了产品在极端工况下的适应性。



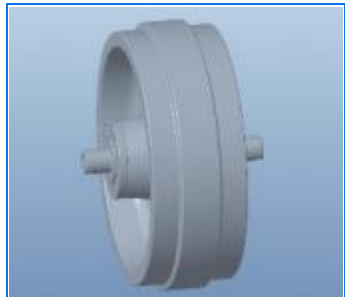
Type A



Type B



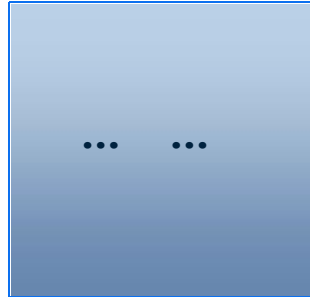
Type C



Type D



Type E



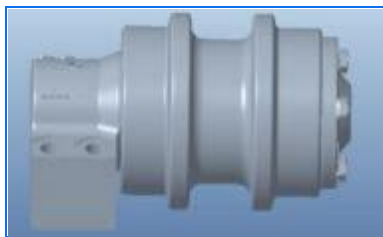
More products



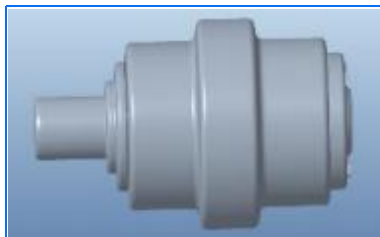
200 + CARRIER ROLLER托轮

By applying anti-jamming and anti-loosening technology, advanced heat treatment technology, and a circulating structure of lubricating medium on the inner wall of the bearing, the service life of the carrier roller is greatly extended.

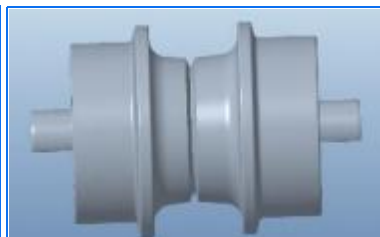
通过采用防卡滞、防松动技术，先进的热处理技术以及轴承内壁的润滑介质循环结构，托轮的使用寿命得到大幅延长。



Type A



Type B



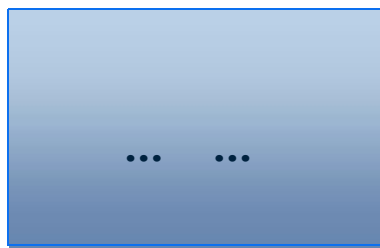
Type C



Type D



Type E



More products



Brand model Machines

Construction Class 建筑级

Mining Class 矿山级

Plate Lip 锻造

Cast Lip 铸造

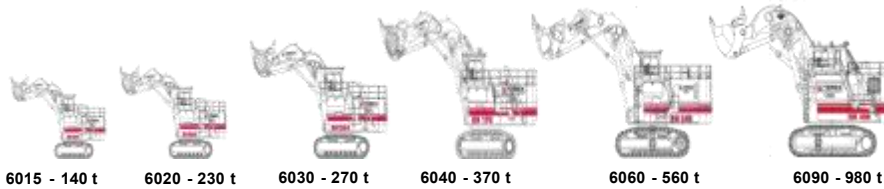
< 100 Tonne

> 100 Tonne

< 350 Tonne

> 350 Tonne

CAT
HEX



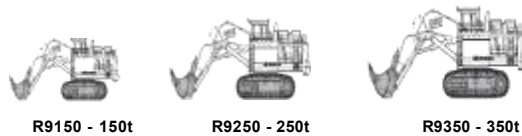
KOMATSU
HEX



HITACHI
HEX



LIEBHERR
HEX



XCMG
HEX



...

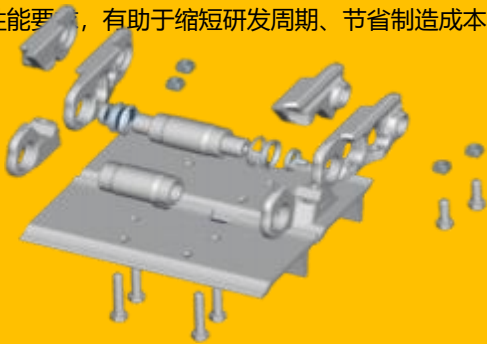
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HIGH QUALITY 高标准

Design Technology设计技术

We use advanced 3D analysis and finite element analysis (F-EA) technology to optimize design and evaluate performance before parts are put into production, so that our products can meet the expected quality and performance requirements, help shorten the R&D cycle, save manufacturing costs.

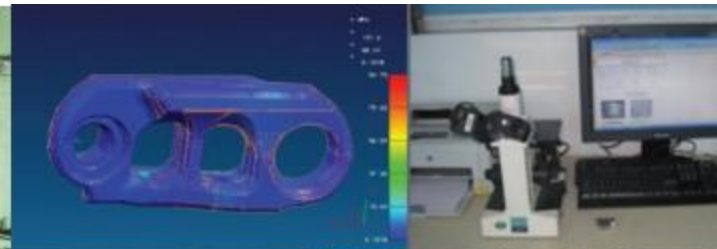
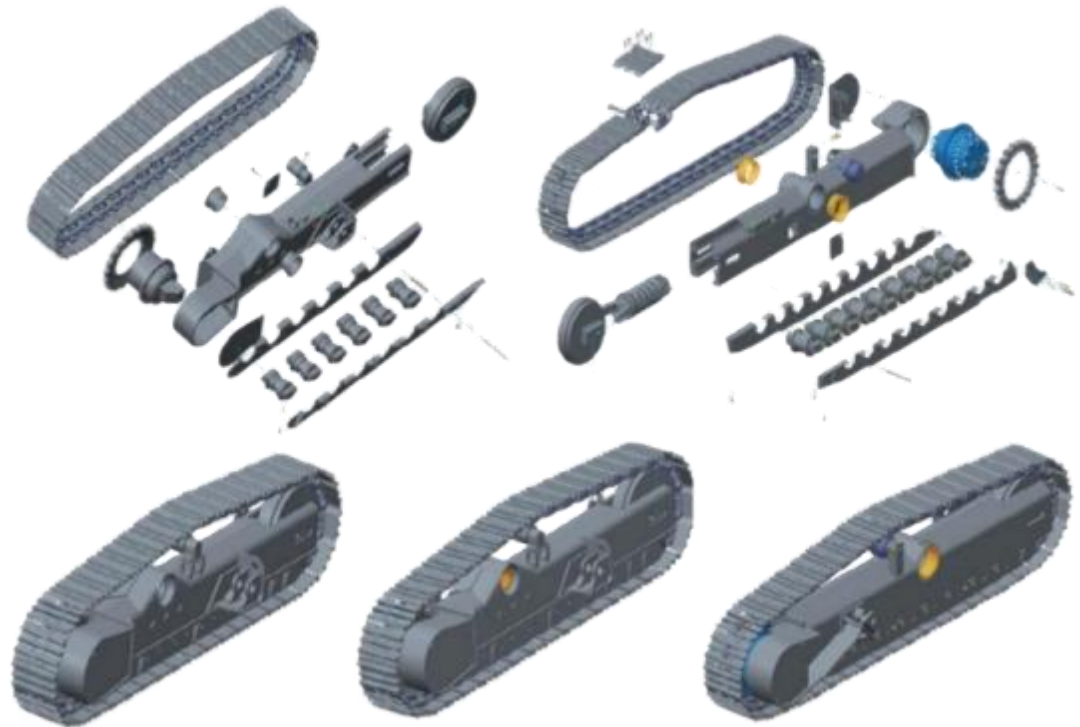
我们采用先进的3D分析和有限元分析（F-EA）技术，在零件投入生产前对设计进行优化并评估性能，从而使产品能够满足预期的质量和性能要求，有助于缩短研发周期、节省制造成本。



Process Technology工艺技术

Ensure that products meet design requirements and provide customers with high-quality, low-cost products.

确保产品符合设计要求，并为客户提供高质量、低成本的产品。



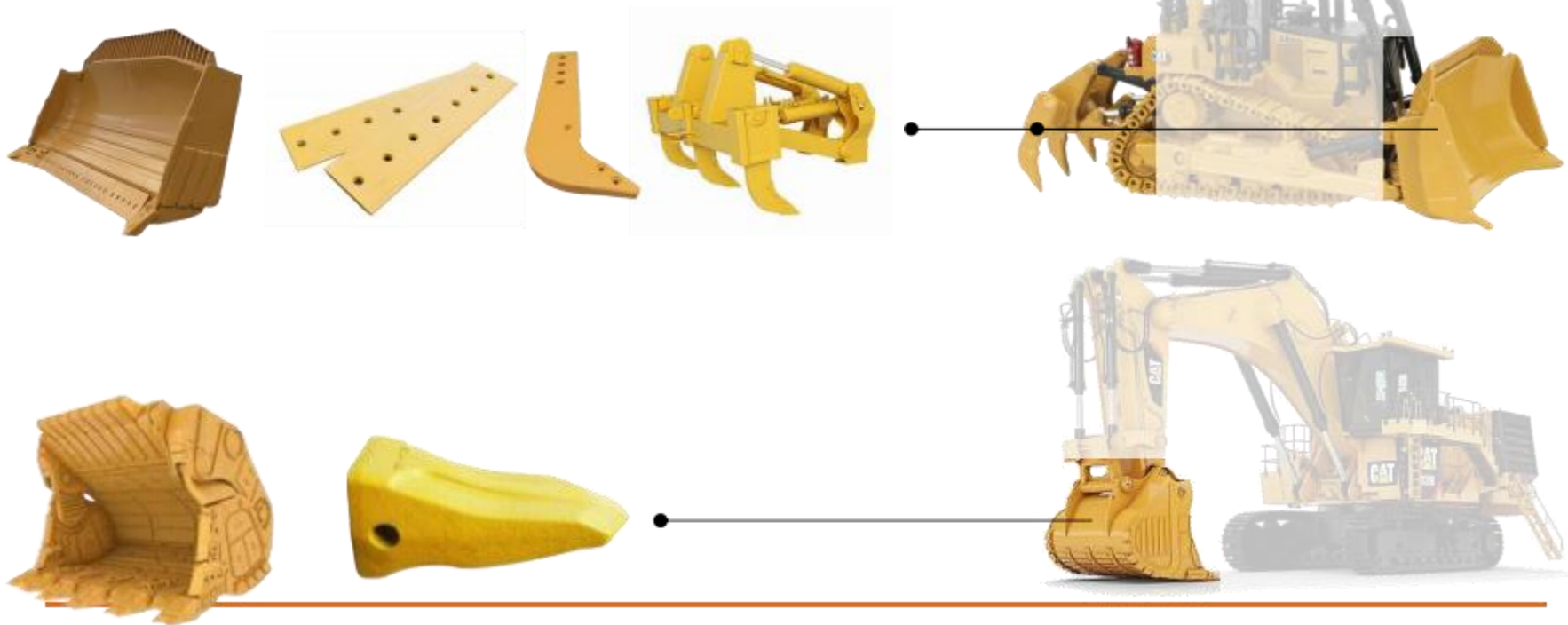
The background of the slide features a faded, light gray image of heavy construction machinery, including a bulldozer on the left and an excavator on the right.

GROUND ENGAGING TOOLS接地件

**Bucket, Teeth and Adapter, Blade and
End Bit, Ripper**

铲斗、斗齿和齿座、铲刀和铲尖、松土器





GROUND ENGAGING TOOLS 接地件

- Dozers、Excavator 推土机、挖掘机

Provide customers with customized services 为客户提供定制服务

• We offer a range of ground contact tools for excavators and bulldozers, including buckets, teeth, blades, cutter heads and other accessories for various brands such as Caterpillar, Komatsu, Hitachi, Liebherr, etc. 我们提供一系列挖掘机和推土机的接地面工具，包括铲斗、斗齿及其他配件，适配卡特彼勒、小松、日立、利勃海尔等多个品牌。

• Adaptability: Precisely matches original factory specifications to ensure easy installation and stable performance. 适配性：精准匹配原厂规格，确保安装便捷、性能稳定。

• Material quality: Use high-strength steel or wear-resistant materials to extend service life. 材质品质：采用高强度钢材或耐磨材料，延长使用寿命。

• Application scenarios: Suitable for different working conditions, such as mining, construction, agriculture, etc. 应用场景：适用于采矿、建筑、农业等不同工况。

GROUND ENGAGING TOOLS

Bucket Design Capabilities

Design to Production of Bucket

•Technical preparation: determination of compatible models, material density, bucket type and capacity, and basic dimensions

- Design and verification of 3D drawings
- Confirmation of assembly dimensions
- Design and verification of 2D engineering drawings

铲斗从设计到生产的流程:

- 技术准备: 确定适配机型、材料密度、铲斗类型及容量、基本尺寸
- 三维图纸设计与验证
- 装配尺寸确认
- 二维工程图纸设计与验证

Bucket Type 铲斗类型

- Different brands 不同品牌
- Different models 不同车型
- Different working conditions 不同型号



Type 类型	Bucket Capacity 铲斗容量	Specification 规格	Suitable Brands 品牌
Standard bucket 标准挖斗	Range: 0.5m ³ -50m ³ ; Engage 10—500ton excavator 范围: 0.5立方米-50立方米; 适用于10-500吨挖掘机	Top quality and high-strength structural steel. Large bucket capacity; large stowing surface. 采用优质高强度结构钢。铲斗容量大, 装载面广。	CATERPILLAR, KOMATSU, HITACHI, VOLVO, HYUNDAI, KOBELCO, JCB, DOOSAN, SUMITOMO, KUBOTA, SANY, SHANTUI, XCMG, SDLG, LIUGONG etc 卡特彼勒、小松、日立、沃尔沃、现代、神钢、杰西博、斗山、住友、久保田、三一、山推、徐工、临工、柳工等
Rock bucket 岩石挖斗		Using high-strength wearable steel for high-stress and wearing parts on the basis of standard bucket. 在标准铲斗的基础上, 对高应力部位和易磨损部位, 采用高强度耐磨钢。	
Mining bucket 矿山挖斗		Adding more welding steel plate at the bottom part of the bucket, which will be more robustness. 铲斗底部增加更多焊接钢板, 更加坚固耐用	

Note: The bucket can be customized as per your different requirement and drawings. 注: 铲斗可根据您的不同要求和图纸定制。

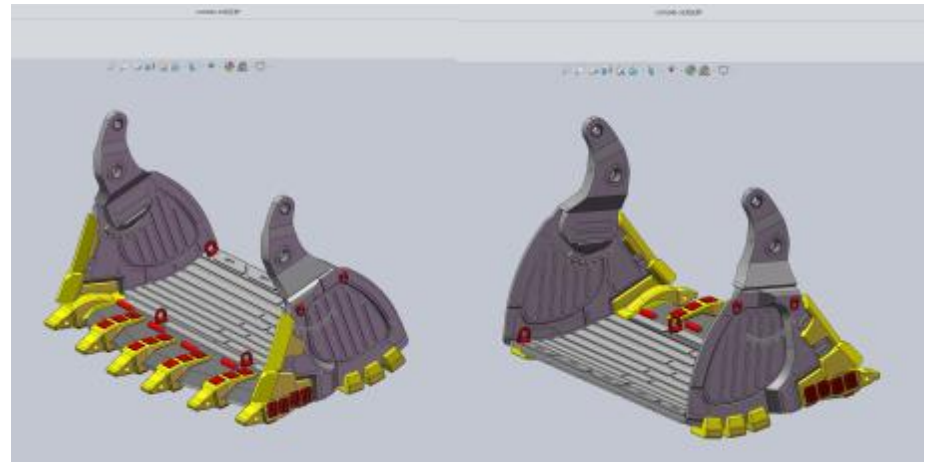
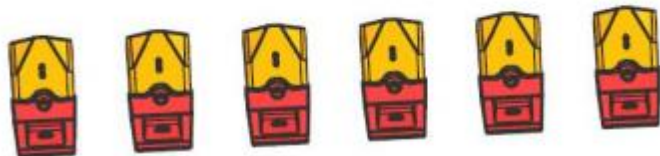
GROUND ENGAGING TOOLS接地件

Multi-type tooth多类型斗齿

Electric shovel and hydraulic shovel电铲和液压铲



Mostly used for hydraulic shovels主要用于液压挖掘机



GROUND ENGAGING TOOLS

Blade and End Bit, Ripper



Product introduction

- We provide the heat-treated boron and carbon steel product 我们提供经热处理的硼碳钢产品
 - We provide single-bevel cutting sdge with welding capacity 提供具备焊接性能的单斜面切削刃
 - We cansuply all kinds of end bits and cutting edges for bulldozer and graders.(shantui SD08-SD90 caterpillar D3-D11 komatsu D20-D475)
- 可供应各类推土机及平地机用端齿和切削刃（适配山推 SD08-SD90、卡特彼勒 D3-D11、小松 D20-D475 等机型）

material材料			
hardness	≥700	≥700	≥700
Impact toughness(J/cm2)	≥16	≥16	≥16
Tensile strength(MPa)	≥700	≥700	≥700
Yield strength(MPa)	≥16	≥16	≥16
Elongation(%)	≥700	≥700	≥700

Blade and Ripper tip 铲刀及松土器齿尖

Tough Reliable Durable (坚固、可靠、耐用)

Product introduction产品介绍

- OEM part number or custom designOEM 配件或定制设计
- Different tip designs to match varying soil rock mining conditions 不同的齿尖设计，以适配不同的土岩采矿工况

hardness	46-52HRC
Impact toughness(J/cm2) 冲击韧性(J/cm2)	≥50
Tensile strength(MPa) 抗拉强度(MPa)	≥1500
Yield strength(MPa) 屈服强度(MPa)	≥1200
Elongation(%)伸长率(%)	≥14



GROUND ENGAGING TOOLS地面作业工具

Provide customized services to customers 为客户提供定制化服务



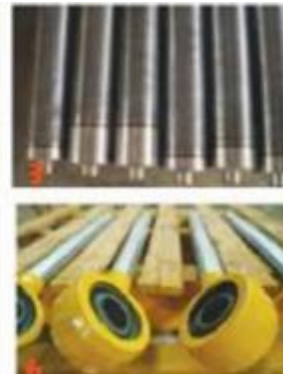
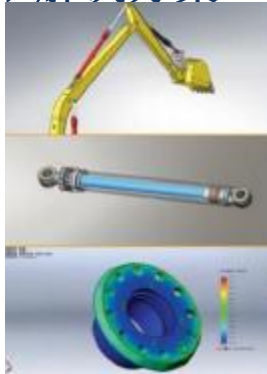
HYDRAULIC CYLINDERS

液压油缸



CYLINDER 液压油缸

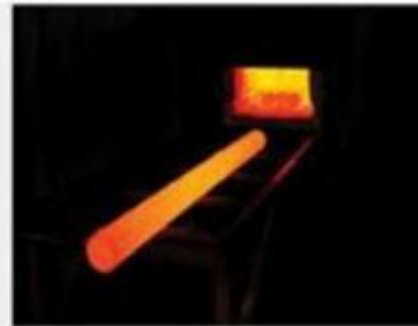
Complete Hydraulic Cylinder Solutions 液压油缸解决方案



- 1:Raw material process 原材料加工
- 2:Tempering steel 钢材回火
- 3:Induction hardened steel
I 钢材感应淬火
- 4:Chrome plating rod 杆镀铬
- 5:Rod finish machining 杆精加工

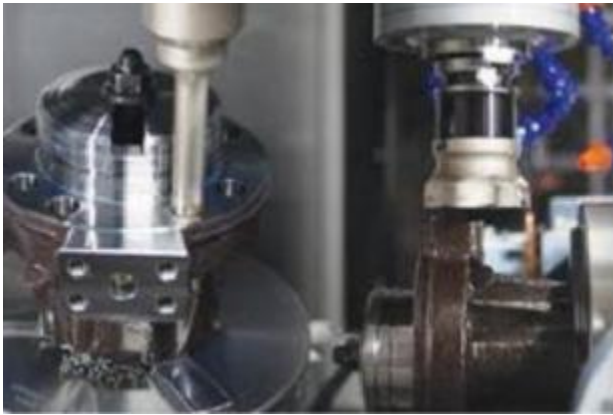
Rod Heat Treatments

Piston rods are tempering and hardening by precision control systems throughout entire process for consistent performance. The material are analysed and evaluated by metallographic examination for quality control.



CYLINDER

Turning Concept To Implement



Minimize Unplanned Downtime

Designed for the harsh working conditions of mines, STONE's high-pressure and high-tonnage hydraulic cylinders are manufactured with high-quality materials to ensure excellent performance under shock loads, continuous operation and extreme environments. STONE的高压大吨位液压油缸专为矿山的恶劣工况设计，采用优质材料制造，确保在冲击载荷、连续运行及极端环境下均能展现卓越性能。

We provide original standard cylinders and customized OEM solutions for customers around the world, which are perfectly suited to large mining equipment such as Komatsu, Carter, Liebherr, etc. 我们为全球客户提供原厂标准油缸及定制化OEM解决方案，适配小松、卡特、利勃海尔等大型矿山设备。



Making cylinder that are worthy of your equipment 制造与您的设备相匹配的油缸

The cylinder that are worthy of your equipment mean higher work efficiency and less downtime won't let you down.

我们提供与您的设备相匹配的油缸意味着更高的工作效率和更少的停机时间。



Cylinder Components 油缸配件

Reliable cylinder parts mean better compatibility and longer life more variety and better availability.可靠的油缸配件意味着：更好的兼容性和更长的使用寿命，更多样的种类和更易获取。

Gland密封盖



Cushion Sleeve 缓冲套

Nuts 螺母



Piston 活塞



Seals 密封件



Stop the leak 防止泄漏

- Polyurethane U-packing rod seals 聚氨酯U形活塞杆密封件
- Bonded-to-metal wiper seals 金属粘合防尘密封件
- Teflon or nylon seals 特氟龙或尼龙密封件
- Custom seals available 可提供定制密封件



ENGINE PARTS 发动机配件

**For CAT Engine 、 Komatsu Engine and
Cummins Engine**
适用于卡特彼勒、小松、康明斯等

ENGINE PARTS 发动机配件

Comprehensive Supply Of Mainstream Power Products

Full Coverage Of Engine Brands 品牌全面覆盖

• We have established stable cooperation channels with first-line engine brands at home and abroad, such as Komatsu, Cummins, Carter, Isuzu, Weichai, Perkins, etc., to achieve a comprehensive supply of mainstream power products. 我们已与国内外一线发动机品牌建立了稳定的合作渠道，如小松、康明斯、卡特、五十铃、潍柴、珀金斯等，实现了主流动力产品的全面供应。

• Whether it is the demand for heavy-duty scenarios such as mining machinery and engineering equipment, or the differentiated requirements for power efficiency, durability and adaptability, we can provide matching solutions through a diversified brand matrix to provide core power guarantee for the stable operation of equipment.

无论是矿山机械、工程设备等重型工况需求，还是对动力效率、耐用性、适应性等方面的差异化要求，我们都能通过多元化的品牌矩阵提供匹配的解决方案，为设备的稳定运行提供核心动力保障。



ISUZU

KOMATSU

CAERPILLAR

WEICHAI
潍柴

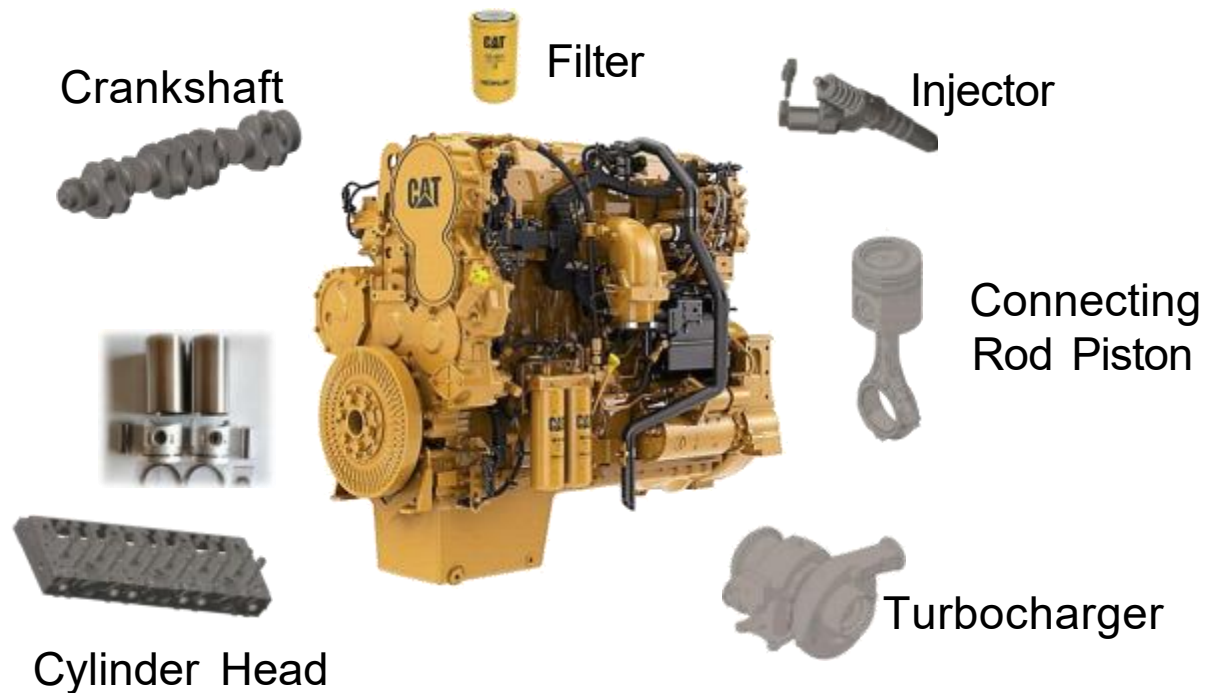
Perkins

Cummins

ENGINE PARTS 发动机产品

Comprehensive Supply Of Mainstream Power Products
主流动力产品的全面供应

- Cylinder Block, 缸体
- CylinderHead, 缸盖
- Piston, Crankshaft, 活塞 曲轴
- Connecting Rod, 连杆
- Camshaft, 凸轮轴
- Turbocharger, 增压器
- Intake Manifold, 进气歧管
- Exhaust 排气支管
- Manifold, Valves, Water Pump, Oil Pump, 气门、水泵、机油泵
- Cylinder Head Gasket, etc. 缸盖垫片等





GEAR PARTS 齿轮配件

Final drive 、 Gear、 Swing gearbox

终传动 、 回转齿轮系列、 回转齿轮箱



GEAR PARTS

Core Transmission Protection核心传输保护

Full Coverage Of Brands

- **Wide adaptability适配性广泛**

The products provided by STONE have become high-end and high-quality replacement parts for excavator reducers of well-known brands such as CAT, Komatsu, Volvo Group, Hitachi, Sany, XCMG, and Liugong. STONE提供的产品已成为卡特、小松、沃尔沃集团、日立、三一、徐工、柳工等知名品牌挖掘机减速器的高端优质替换件。

- **Reliable performance性能可靠**

We select high-quality gearbox products, use high-strength materials and precision processing technology, and have the characteristics of wear resistance, heavy load resistance, stable transmission efficiency, etc., and can adapt to harsh working conditions such as high load in mines and high-intensity in engineering. 我们精选高品质齿轮箱产品，采用高强度材料和精密加工工艺，具备耐磨、抗重载、传动效率稳定等特点，能够适应矿山高负荷、工程高强度等恶劣工况。

GEAR PARTS传动配件

Final Drive 、 Gear 、 Swing Gearbox



Gear 齿轮



Swing gearbox
回转齿轮箱



Final drive 终传动



HITACHI

Final drive 终传动



More Brand... .. More Models... ..



SANY

HYUNDAI

OTHER EQUIPMENT PARTS其他配件

We provide a variety of equipment and parts including but not limited to loaders, mining trucks, road rollers, graders, etc. 我们提供各种设备和零件，包括但不限于装载机、矿用卡车、压路机、平地机等。



More models
更多型号



More parts更多配件

CATERPILLAR

KOMATSU

同力重工
TONLY

SANY

XCMG

More brands
更多品牌

VOLVO

SHANTUI

LIEBHERR

HITACHI

A faded background image of a yellow Caterpillar excavator working on a large pile of grey gravel or crushed stone. The excavator's arm is raised, and its bucket is positioned near the top of the pile. The word "CATERPILLAR" is visible on the side of the machine.

Building The World Together!

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