

contact us

YUTANI INDUSTRIAL CO.,LTD.

China

YUTANI Technology Development (Tianjin) INC
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YUTANI Machinery (CHANGZHOU) Co.,ltd
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YUTANI

Your reliable Undercarriage Parts partner

YUTANI

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YUTANI

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THE COMPANY PROFILE

Combining Precision and Power

YUTANI Industrial Co., Ltd. was established in 1965. Initially, we specialized in link assembly, encompassing forging, heat treatments, and assembly processes. YUTANI's link assemblies are primarily sold in Japan and Asia and are also exported to Europe, the United States, and Oceania, receiving high praise from customers worldwide. Our company is not only a producer of link assemblies but also supplies main parts for construction machinery, including undercarriage parts, buckets, teeth and adapters, edges, bucket pin and bushing, and crane undercarriage parts. Additionally, we offer purchasing services for excavators and all kinds of construction machinery. Our company is committed to improving our service quality to provide comprehensive support to our clients.









Advanced production technology

Strictly inspection process

Modern logistics warehousing



THE COMPANY PROFILE





Yutani Technology Development (Tianjin) Inc. was established in China in 2011. Utilizing advanced Japanese technology, extensive product knowledge, and many years of sales experience in the Japanese market, we strive to make our company not only engaged in producing industrial machine parts and providing professional purchasing services but also in introducing new construction methods and products to customers. Additionally, we aim to supply high-quality and stable products to meet the requirements of customers worldwide. Leveraging Japan's strict technical standards, we help our suppliers grow into companies that meet the world's leading quality standards.

YUTANI looks forward to working and growing together with you.

Business philosophy

We give love and courage to more people, and made our own growth from the happy and moved when we given, and then become the people who realize their dreams.

We have been made efforts to provide customers with convenience, continuing to provide satisfactory products and services.

Through our practical action, devoting our strength to the earth and the society for a better tomorrow!



Factory introduction

From the early days of establishing YUTANI, the company has regarded product quality as the lifeline of the enterprise. On this basis, YUTANI's reputation has gradually accumulated and has been recognized by customers. The Yutani brand is also deeply rooted in the hearts of the people and has received good feedback in the Japanese domestic market and other markets such as Southeast Asia.









After relocating the factory to China, we inherited the spirit of the Japanese factory. Continue to adhere to the concept of quality first. After several factory relocations and expansions, we now have a modern, standardized factory. And continue to gain a good reputation in China and other markets.

Now we have not only expanded chain production but also applied our management methods and quality management systems to cooperative factories. Ensuring that other products we offer to our customers are also of the same quality.

TRACK LINK

60 years of production experience bring us 100% of the faith and 200% of the quality assurance.



YUTANI

Based on the success technology in Japan, using the same quality control methods to manufacture the products, achieved the same quality products as Japan.

Adopt unique heat treatment methods, improved the link wear resistance, and enhance the bush toughness then increased the service life.

We have 2,500-ton forging lines, 1,000-ton forging equipment, three-axis CNC machine equipment, automated quenching and tampering/induction Hardening lines, automated mechanical vacuum oiling equipment, chain assembly lines, and other automated equipment. Improved production efficiency and reduced product defect rates.

The quality has been recognized and approved by customers. We always strengthen the management of quality and the pursuit of high-quality and strict quality inspection.

Our products bring you innovation

The production equipment of link









YUTANI

Material admission inspection

Before we start using the material, we inspect the physical and chemical properties of the material. Compare the results with the certificate our supplier provided to us.

Product sampling test

After the quenching & tempering step, we do a metallographic examination to ensure the quality. The flaw detection test will filter out 2% of unqualified products.

Finished product appearance inspection.

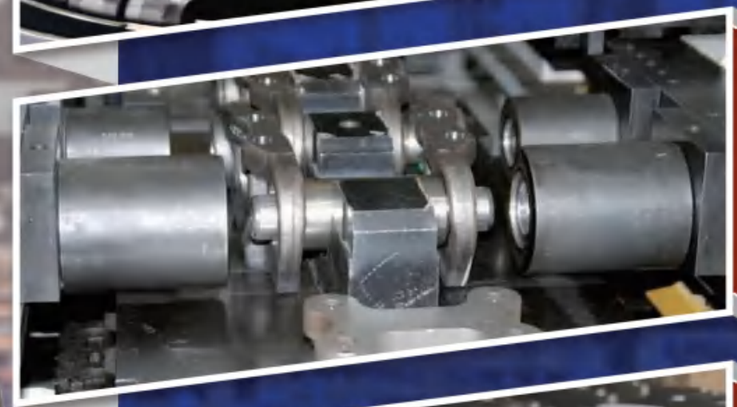
If there's a small trachoma on the product, we will return it to the production department for repair.

Strict quality management ensures that our products not only meet the warranty commitment of one year or two thousand hours in use. These are warranty limitations and are not product limits.

TRACK LINK



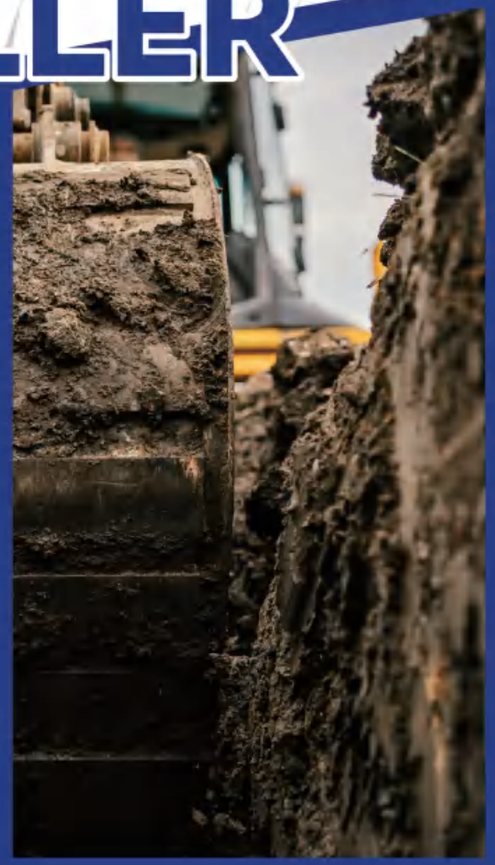






TRACK ROLLER











Manufactured with reinforced flanges for increased wear life and structural reliability under severe operating conditions

Heavy Duty Duo-Cone seal groups are fitted to guarantee perfect sealing in all working applications

Shafts are made from forged alloy or rolled carbon steel and hardened over 3mm deep to 56-60 RC

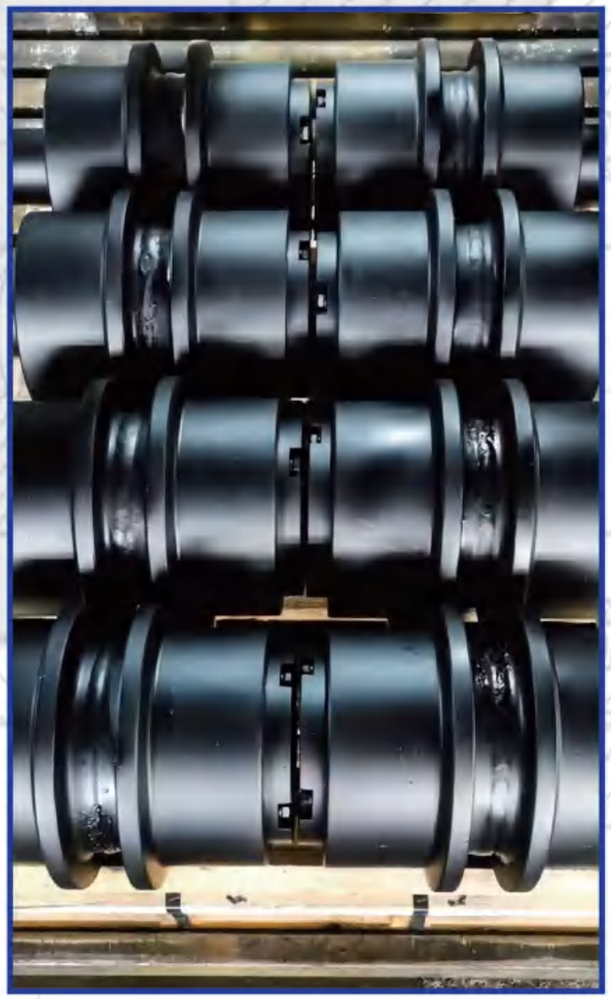
Reliable seal groups are made by world-class manufacturers who offer to OEM. Seal groups are designed to be fitted for all working applications.

The roller body is forged by the hot die of high-strength alloy round steel, machined and then welded together by friction or submerged arc, and then hardened as a whole, with high strength and good wear resistance;

CARRIER ROLLER







Heavy-duty rolling bearings are used internally to improve wear life and structural reliability under harsh, high-speed operating conditions.

Heavy Duty Duo-Cone seal groups are fitted to guarantee perfect sealing in all working applications

Shafts are made of forged alloy or rolled carbon steel, quenched and tempered heat treated, hardened to 36-56 RC

The carrier roller body is forged from two halves of high manganese alloy steel, and then hardened, machined, and welded together by friction or submerged arc. It has high strength and good wear resistance.





SPROCKET

prockets are made to OEM fitment specifications and manufactured from cast steel, with the external tooth profiles deep induction hardened in excess of 50RC to provide long service life











SEGMENT



- Segments are forged to OEM parts specifications
- Single Shot Induction hardening for high surface hardness (HRC > 50)
- Tempered to resist cracking and chipping
- Optimized design to reduce stress concentration areas
- Hunting tooth design hardened to extend wear life
- Accurate machining of the mounting surfaces ensure best performance

IDLER

The idler shell is cast or forged according to the design, then heat-treated to 55-62 RC, and machined to size.

For the wear resistance of the idler body, we use a proprietary intrusive quenching method to increase the surface hardness (above HRC50) and the depth of the hardened layer, making the product more durable.



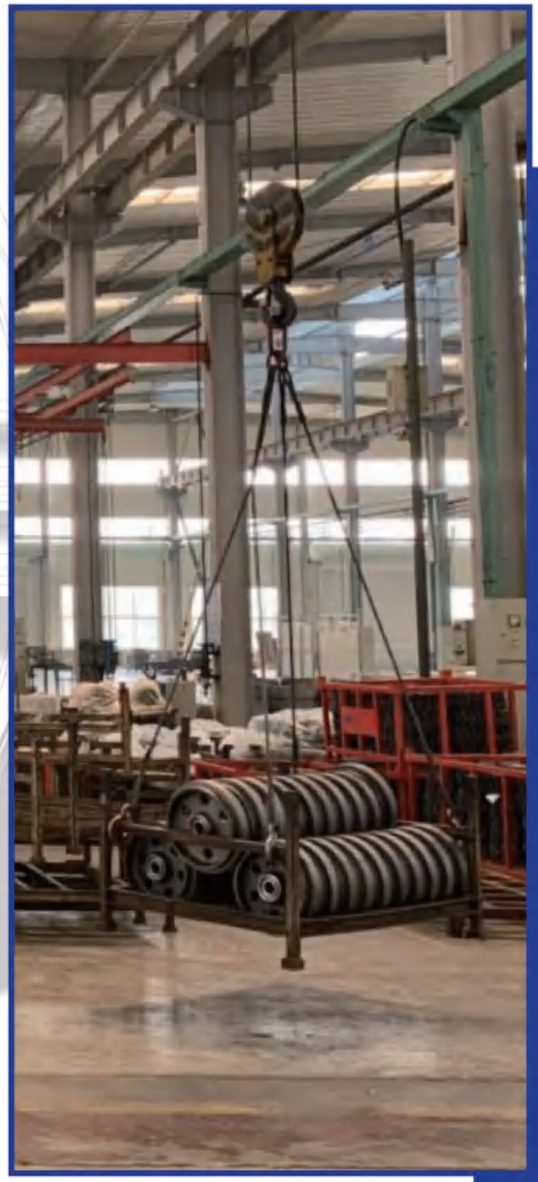




Cast idler groups come completely assembled with reliable seal groups, shafts and/or mounting arms, blocks or brackets

All ldlers are made to OEM fitment specifications and are pressure testedto ensure guaranteed sealing and reliability

IDLER



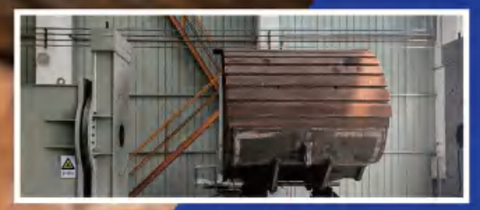
BUCKET

Excavator bucket size up to PC3000
The loader bucket has a maximum
bucket capacity of 50 m^3











BUCKET TOOTH

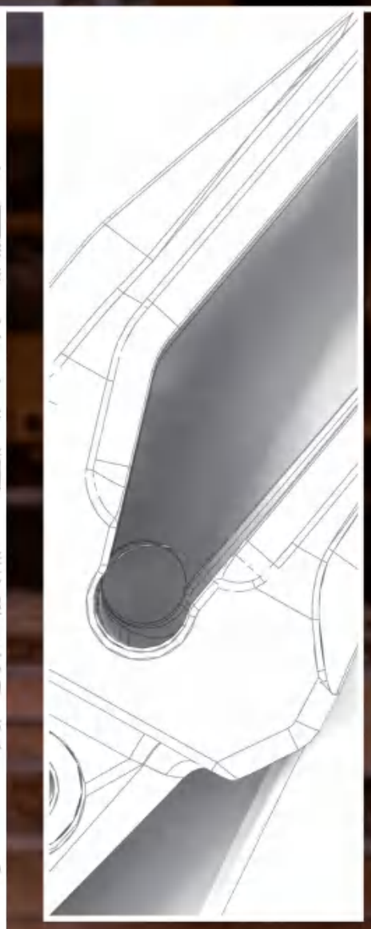
Customize different types of bucket teeth to adapt to different working conditions

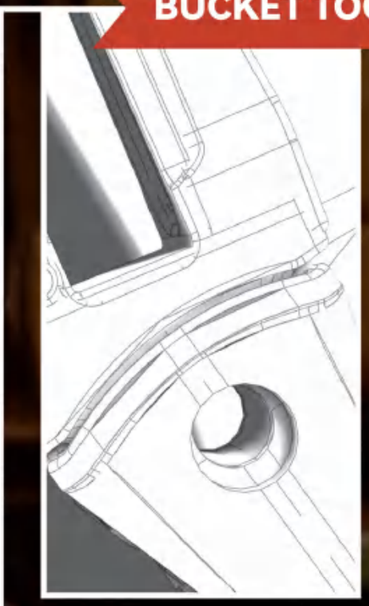












Smelting using a corundum crucible with a high melting point and high purity ensures high performance and excellent stability.

Abrasion resistance exceeds that of competing products by 10%, and impact resistance exceeds by 20%.

BUCKET TOOTH

BUCKET PINS BUSHES

Made of 42CrMo material, the tempering hardness is 238-276HB.
High-frequency quenching, surface hardness 54-60 HRC, Hardening depth 1.8-2.8 mm
Surface hard chrome plating treatment is available and chrome layer thickness can be 0.02-0.05 mm, hardness is greater than or equal to 900HV

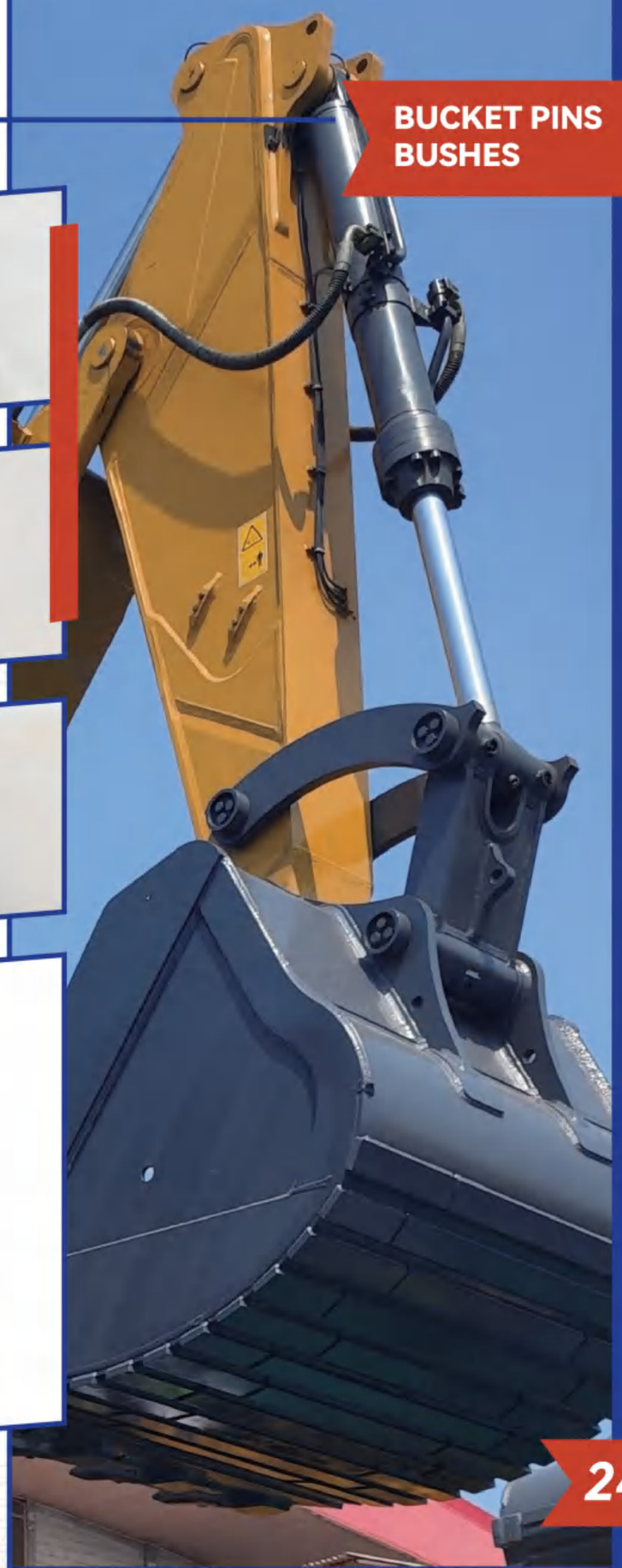












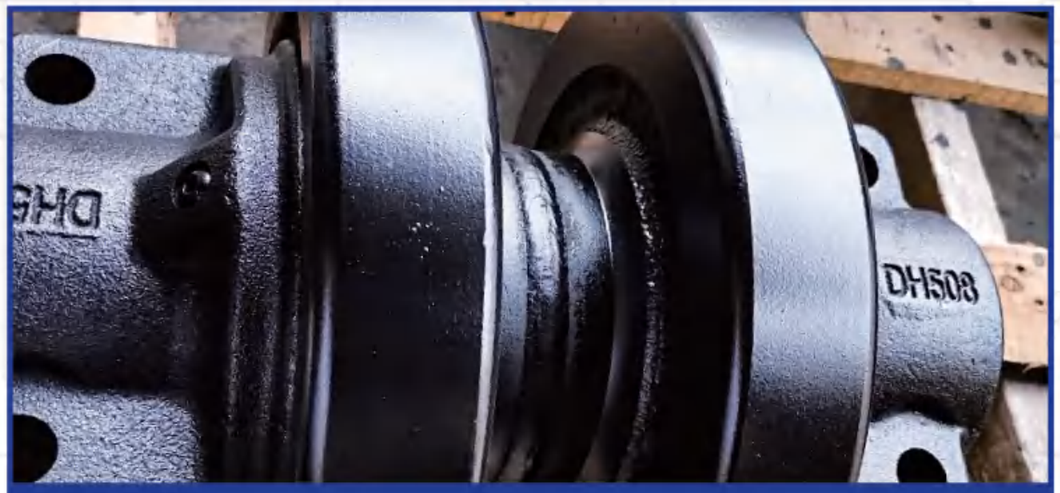
CRAWLER CRANE UNDERCARRIAGE

Suitable for crane undercarriage parts from 20 tons to 1,000 tons, covering more than 25 brands and more than 600 models. Meet different customer needs.











YUTANI

Countries and regions where YUTANI products have reached

