

# 洛阳鹏杰耐磨材料有限公司

Luoyang Pengjie Wear-Resistant Materials Co., Ltd.

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Cultivate Innovative Talents • Develop First-class Products

# Company Introduction



Luoyang Pengjie Wear - Resistant Materials Co., Ltd. is a comprehensive enterprise mainly engaged in the application of wear - resistant materials. It is located in Henan province, China. With a registered capital of 20 million CNY, the company occupies an area of 20,000 m<sup>2</sup>.

The company not only collaborates with Henan University of Science and Technology in technological R & D but also has its own independent R & D team, a complete experimental base and advanced testing equipment.



The company mainly manufactures various types of wear - resistant parts for crushers, including those for jaw crushers, impact crushers, sand - making machines, ball mills, hammer crushers and cone crushers, etc. Moreover, it also customizes all kinds of castings.

The products of the company are widely utilized in industries such as mining, aluminum plants, metallurgy, lead - zinc mines, cement plants, iron ore concentrates, molybdenum mines, copper mines, steel plants, power plants and railways.

# Product Introduction



Aluminum plant: High temperature  
furnace heat-resistant parts



Material : RQTAL5Si5  
Cr25Ni20  
Cr24Ni7

# Product Introduction



Ball mill wear parts: Liner

Material : Mn13Cr2  
Mn18Cr2  
Alloy steel



Sand making machine wear parts:  
Cutter head, Dividing cone, etc.

Material : Cr26 , Cr26Mo1

## Product Introduction



Jaw crusher wear parts:  
Jaw plate, Guard plate.

Material : Mn13Cr2  
Mn18Cr2  
Mn18Cr2MoV

Impact crusher wear parts: Blow Bar.

During the casting process, a variety of rare alloy elements such as tungsten, titanium, chromium, nickel, etc. are added to the plate hammer, which is suitable for stones with higher hardness.

The new material has a service life twice that of Cr26.

Material : Cr26、 Cr26Mo、 Cr26MoV  
HRC : 60-62



## Product Introduction



Hammer crusher wear parts: Hammer head.  
Bimetallic composite hammer head, the service life is more than 3 times that of high manganese steel hammer head.

Material : Cr26Mo1 , Cr26Mo2  
HRC : 60-62



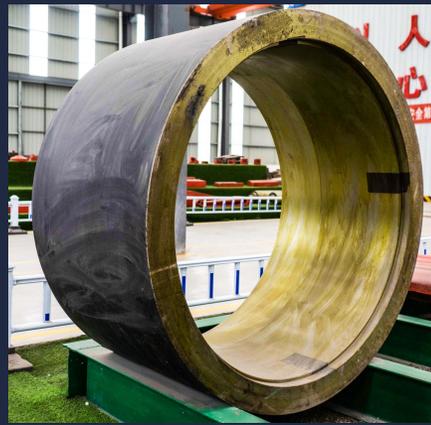
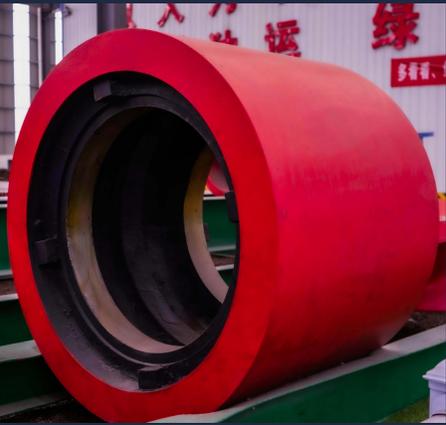
Cone crusher wear parts:  
Mantle , Concave

Material : Mn13Cr2  
Mn18Cr2  
Mn18Cr2MoV

## Product Introduction



Briquetting machine wear parts: Roller skin  
Wear-resistant and corrosion-resistant,  
does not stick to the ball socket,  
becomes smoother with use  
Material : 9Cr2Mo, 7Cr17



Roller Crusher Wear Parts: Roller skin

For the crushing of high-hardness ores such as chromite and ferromanganese, we have developed and produced a series of high-chromium cast iron rollers, which have a lifespan twice that of existing high-manganese steel rollers.

Material:High chromium cast iron(Cr26Mo2NiVRe)  
HRC : 60

# Product Introduction



Raymond mill accessories:  
Grinding ring, Grinding roller, Scraper

Material : Cr26Mo1V



## Customized Castings

Our casting processes include lost foam casting, centrifugal casting, precision casting, V-method casting, and resin sand casting.

We have independent machine tool processing and a complete quality inspection process.

We can customize and produce various castings for you.

# Patent Certificates



ISO Quality Management System Certification

9 Practical Technology Invention Patents

# Professional Testing Equipment



Rockwell Hardness Tester



Spectrometer



Transmission Electron Microscopy



Shock Laboratory



Ultrasonic Flaw Detector



Metallographic Microscope

# Business Distribution

Foreign markets  
Total sales

45%

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The products are exported to Zimbabwe, Honduras, Tanzania, the United States, Indonesia, Kazakhstan, Russia and other countries, and the international market share of the products continues to rise.



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