HIGH EFFICIENCY FINE CRUSHER

Zhengzhou Dingsheng Engineering Technology Co., Ltd

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High Efficiency Fine Crusher

Overview

Dingsheng has introduced advanced technology from home and abroad, and combined specific industrial and mining conditions of related industries in China. With years of experience in manufacturing fine crusher, our company has successfully designed and manufactured the newest high efficiency fine crusher. It is mainly used for fine crushing of dinas, sand making, and for crushing in cement factory, etc. The high efficiency fine crusher integrates the advantages of hammer crusher, impact crusher, etc. and is further improved in terms of structure, materials, etc. The optimized crushing chamber improves fine crushing effects and enhances the unitarity of spare parts. The hammerhead is designed with tungsten and titanium alloy integrated structure and other special wear-resistant materials which greatly lengthen the service life of hammerhead. This type of crusher hammerhead is the core component of crusher. It is a high-tech product for which our company has full intellectual property rights. Our company owns the technology, in terms of clinker crushing in
particular, which is way ahead of our fellow competitors.

**Features**

1. High efficiency fine crusher with high yield and the product is small in size.

2. The crushing cavity enables the wear-resistant parts to have longer service life.

3. The space between impact plate and hammerhead can be adjusted.

4. The hydraulic device is convenient to maintain.

5. The distance between discharging grates and rotor can be adjusted. It enjoys steady discharging granularity.

**Application**

The high efficiency fine crusher has been widely used by the cement industry (fine crushing of highly corrosive clinker), metallurgy industry (fine crushing of iron ore, periclase and slag), glass industry (super fine crushing of quartz raw materials), dinas industry (pebble sand making), power sector (super fine crushing of limestone for desulfuration), chemical fertilizer industry (fine crushing of phosphate ore), etc.

Our company is a major manufacturer and supplier of high efficiency fine crusher in China. Our company has obtained ISO9001 certification. In
addition to high efficiency fine crusher, our company provides reciprocating feeder, spring cone crusher, tire mobile crushing and screening plant, rotary sand maker and roller crusher, etc. Our company is located in Zhengzhou City giving us easy access to convenient transportation. The abundant raw materials and labor forces here can help largely reduce our production costs. We can offer our clients quality products at competitive prices.

If you are interested in our stone crushing equipment, please feel free to contact us. We offer to you with quality products and services. We look forward to working with you.

### Technical Data

<table>
<thead>
<tr>
<th>Type</th>
<th>Rotor size (mm*mm)</th>
<th>Capacity (t/h)</th>
<th>Spindle speed (r/m)</th>
<th>Input size (mm)</th>
<th>Output size (mm)</th>
<th>Motor Power (kw)</th>
<th>Overall Dimension (L<em>W</em>H)</th>
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### Related parts

**Sandwich hammerhead:** Dingsheng has successfully designed and manufactured "Sandwich" hammerhead which is used for clinker crushing equipment. Designed with incomparable high technology, it helps thoroughly solve the problem which has puzzled generations of scientific research personnel for cement and wear-resistant materials. "Sandwich" hammerhead features few wear parts, easy replacement, low cost, etc.

**Rotor** is the key component of crusher. After long time use, the hammer pin is likely to be out of shape, and the hammer plate and hammerhead are likely to break. All these problems have been completely solved as Dingsheng manufactures optimized crusher rotor. Our company can customize various types of rotors in line with actual crusher types and clients' requirements to be applied for various hammer crushers.

### Service

Dingsheng has always pursued the service concept of "Create customer
value, the customer is always right". As for service, clients' needs have always been our primary concern. Through standardized, differentiated and super valued service, we can reduce clients' psychological cost and use-cost, and ultimately increase clients' transition value, profitability and purchasing power. As a result, we can improve Dingsheng's service brand competitiveness and lead the way of service for fellow competitors.

Accessories Service
Our company is a major manufacturer of wear resistant materials. Dingsheng has always valued product quality as its core value. Most of our parts and quick-wear parts are manufactured with quality ear-resistant materials and advanced processing techniques. Our equipment features excellent durability and wear resistance.

Service Network
Presently, Dingsheng has offices and branch companies in more than 10 countries and regions, and 31 offices in China. In addition to traditional after-sale service, our company offers internet sales and product trace services. We guarantee that we will offer our valued clients timely and thorough services.

Service Team
Our company has 30 engineers providing professional after-sale services. They are all skilled, experienced and familiar with the working principles
of various machines and equipment. We promise that we will arrive on scene within 48 hours for 1000 kilometers when we get a call from our clients and not over 72 hours for clients farther away.

**Contact Us**

Dingsheng Engineering Technology Co., Ltd.

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WEAR RESISTANT PARTS

Zhengzhou Dingsheng Engineering Technology Co., Ltd

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Wear Resistant Parts

1. Jaw Plate

Jaw plate is manufactured with super high manganese steel, therefore it has a service life 50~100% longer than those made of traditional high manganese steel. The special processing techniques ensure that our jaw plate has leading performance.

2. Concave

We can produce concave and mantle for hydraulic cone crusher/breaker, Jaw plate for jaw crusher/breaker and other wear spare parts for other crusher and breakers exactly as your drawings and material composition requirements. Materials: High Manganese, like Mn_{14}Cr_{2}, Mn_{18}Cr_{2}, Mn_{20}Cr_{2}, Mn_{22}Cr_{2}.

3. Hammer Head

(a) Blow bar

Manufactured with hypereutectic super high chromium, our blow bar has a service life 50~100%
longer than those made of traditional high chromium iron. The special processing techniques ensure that our flat hammer has leading performance.

(b) **BIG GOLD TEETH ®Super High Manganese Hammerhead**

BIG GOLE TEETH® Super High Manganese hammerhead is a highly wear-resistant hammerhead. Dingsheng manufactures this type of hammerhead with external refining and pressure casting technologies. Molten steel is purer and the matrix is more compact. Our hammerhead has a service life longer than those made of common high manganese steel and is safer to use.

(c) **SANDWICH ® Super High Chrome Hammerhead**

Dingsheng has successfully designed and manufactured SANDWICH® Super High Chrome hammerhead which is used for clinker crushing equipment. Designed with incomparable high technology, it helps thoroughly solve the problem which has puzzled generations of scientific research personnel for cement and wear-resistant materials. "Sandwich" hammerhead features few wear parts, easy replacement, low cost, etc.
4. Liner Plate

Our company can customize in line with clients' needs. All our mill liners are Φ5×10.5m large raw material mill liners which are manufactured with super strengthening wear resistant medium chromium alloy materials. Its expected service life is 2-3 times that of high manganese steel and it causes little noise and pollution.

5. Grid Plate

Grid plate is manufactured with advanced techniques and features excellent wear resistance and high cost performance. Our company offers various grid plates according to actual crusher types.

6. Wear Resistant Steel Ball

The matrix of nodular iron is changed through isothermal quenching. It embodies high strength, super high toughness and wear-resistance. It has been widely applied in mining industry and is fit for mill.
7. Vertical mill roller and plate

The high chromium cast iron perfectly combining with the home position strengthened technical has enhanced the roller and the plate service life greatly.

8. Roller

The scientific research personnel of our company have solved the problem of roll squeezer roller overlaying which is good progress on the powder cement industry. Our company can provide various types of rollers in line with different roll squeezers.

9. Rotor

Rotor is the key component of crusher. After long time use, the hammer pin is likely to be out of shape, and the hammer plate and hammerhead are likely to break. All these problems have been completely solved as Dingsheng manufactures optimized crusher rotor. Our company can customize various types of rotors in line with actual crusher types and clients' requirements to be applied for various hammer crushers.
Established in 1997, our company is a major manufacturer and supplier of wear resistant parts in China and has obtained ISO9001:2000 certification. Our company is located in Zhengzhou City, giving us easy access to land, sea and air transportation. This helps us deliver roller crusher, rotary sand maker, vibrating screen, etc. to our valued clients in time. Our products have been in increasing demand in Germany, Malaysia, Turkey, Cameroon, France, etc.

If you would like to know more about our wear resistant parts or other products, please feel free to contact us.

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