ROLLER PRESS

Zhengzhou Dingsheng Engineering Technology Co., Ltd

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Roller Press

overview

Our company has introduced advanced roller press technology from abroad and combined it with the specific industrial and mining conditions in China. With our unique complete equipment and production technique, our company has successfully designed and manufactured a roller press which is suitable for crushing techniques and raw materials conditions home and abroad. Due to the efforts we have made to further research the process system and improve the reliability of main engine, the running rate of roller press system has come to the level of ball mill system. The mature roller press technology has injected new vitality to the grinding system.

Features

1. The roller press can bring excellent material extrusion effects with large amounts of fine powder.

2. Advanced welding technology enables the roller press to have a service life of more than 8000 hours.

3. Forged with extrusion roller alloy steel as a whole, it has high loading
capacity and reliable performance.

4. Designed with a unique bearing structure, integrated with four lines of cylinder roller bearing and thrust bearing.

5. Safe and sensitive hydraulic system is functions reliably and is convenient to maintain.

6. The roller press is designed with Siemens PLC center total automatic control system.

7. Motor-driven feeding system is flexible and convenient to produce and operate.

8. Flexible crossing shaft torsion support has better adjusting performance.

Application

The DSRP roller press equipment is for grinding fragile materials. It is used for grinding cement clinker, granulated blast furnace slag, raw materials for cement (limestone, sandstone, shale, etc.), quartz sand, iron stone, etc. The roller press can replace the ball mill pre-grinding system which has high energy consumption and low efficiency. It can also reduce steel consumption and noise. The roller press is quite suitable for new factory construction and old factory technological transformation. It can enable the ball mill system to raise yield by 50~110%. Among the
materials after extrusion, 20~35% have discharging granularity less than 0.08mm and 65~85% less than 2mm.

Established in 1997, Dingsheng is a major manufacturer and supplier of roller presses in China. In addition to the roller press, our company provides tire mobile crushing and screening plant, spring cone crusher, vibrating screen, sand washer, etc. All of our products are manufactured in strict compliance with international standards and have gained widespread popularity among clients in Mongolia, Vietnam, France, Germany, Malaysia, Turkey, etc.

Our company is located in Zhengzhou City, giving us easy access to air and land transportation. This helps us deliver our products to clients in time and helps our clients reduce their transportation costs. If you are interested in our crusher and mill, please feel free to contact us.

**Technical Data**

<table>
<thead>
<tr>
<th>Type</th>
<th>Roller Diameter (mm)</th>
<th>Roller width (mm)</th>
<th>Main Motor Power (kw)</th>
<th>Average/Max feedstock Granularity (mm)</th>
<th>Discharging Granularity (mm)</th>
<th>Treatment Capacity (t/h)</th>
<th>Weight (t)</th>
<th>Dimensions (mm)</th>
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</thead>
<tbody>
<tr>
<td>DSRP1003</td>
<td>1000</td>
<td>300</td>
<td>160*2</td>
<td>25/40</td>
<td></td>
<td></td>
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<td>3835</td>
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<tr>
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<td>105~145</td>
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<td>140~165</td>
<td>64</td>
<td>5550</td>
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</table>

65% ≤ 2mm
25% ≤ 0.08mm
### Related parts

**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.

### 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

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