IMPACT CRUSHER

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Impact Crusher Application

Shanghai Shibang series of **impact crusher** is widely applied in mining, transportation, energy, construction and chemical industry. They are ideal choice for crushing and screening. This impact crusher features reasonable structure, high productivity, easy operation and maintenance and safe performance. The most outstanding advantage of this machine is that its finished powder is in good, cubic shape and without tensility and cranny.

Impact Crusher Features and Benefits

1. High reduction ratio and crushing efficiency;
2. No-board connection; The blow bar with high chrome(high chromed blow bar).
3. Impact plate with a special shape.
4. Crushed product with cubical shape.
5. Easy maintenance and reliable operation.

Impact Crusher Working principle

The **impact crushe** materials with impact force. When the materials enter the blow bar area, they are crushed due to the high-speed impact of the blow bar and are thrown to the impact plates on the rotor for secondary crush. Then the materials will be shot back to the blow bar again for the third crush. This process repeats until the materials are crushed to the required size and discharged from the lower part of the machine. The size and shape of the finished powder can be changed by adjusting the gap between the impact rack and rotor support. The impact crusher employs self-weigh security device in its back frame. When other objects enter the impact cavity, they will be forced out of the machine by the impact rack in the front and back of the machine.
## Specification

<table>
<thead>
<tr>
<th>Type</th>
<th>Spec.</th>
<th>Feeder Opening(mm)</th>
<th>Feeding Size (mm)</th>
<th>Crushing Capacity (t/h)</th>
<th>Motor Power (KW)</th>
<th>Weight (t)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PF-1007</td>
<td>Φ1000×700</td>
<td>400×700</td>
<td>300</td>
<td>35-50</td>
<td>37-55</td>
<td>9.45</td>
</tr>
<tr>
<td>PF-1010</td>
<td>Φ1000×1050</td>
<td>400×1080</td>
<td>350</td>
<td>50-80</td>
<td>55-75</td>
<td>12.6</td>
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<tr>
<td>PF-1210</td>
<td>Φ1250×1050</td>
<td>400×1080</td>
<td>350</td>
<td>70-120</td>
<td>110-132</td>
<td>14</td>
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<tr>
<td>PF-1214</td>
<td>Φ1250×1400</td>
<td>400×1430</td>
<td>350</td>
<td>80-160</td>
<td>132-160</td>
<td>18.58</td>
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<tr>
<td>PF-1315</td>
<td>Φ1300×1500</td>
<td>860×1520</td>
<td>500</td>
<td>160-260</td>
<td>180-260</td>
<td>24.2</td>
</tr>
</tbody>
</table>

**Note:** This specification is just reference, any changes are subject to the impact crusher products.

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