Impact crushers ODJ

CRUSHING

Tertiary crushers

Tertiary impact crushers ODJ are used in final stages of crushing for medium hard and hard materials where higher fineness of the product is required. Crushers ODJ are designed as reverse ones. Material is supplied through the inlet directly on the fast rotating rotor where it is crushed by its strikes and impacts from crushing plates. The very good shape index and high degree of comminution are advantages of these crushers.

Main operating properties are:

- high operating reliability
- low cost for operation and maintenance
- easy exchange of spare parts
- highly wear resistant materials
- high degree of comminution
- outstanding shape index $b_i$
- crusher housing opened by hydraulics
- inspection door for easy inspection of the crusher inner area

Main parameters

<table>
<thead>
<tr>
<th>Type</th>
<th>Inlet opening size</th>
<th>Max. inlet piece (undersize on the square mesh)</th>
<th>Capacity</th>
<th>El. motor</th>
</tr>
</thead>
<tbody>
<tr>
<td>ODJ 1007</td>
<td>250x640</td>
<td>45-90</td>
<td>35-75</td>
<td>75-132</td>
</tr>
<tr>
<td>ODJ 1010</td>
<td>250x990</td>
<td>45-90</td>
<td>50-115</td>
<td>132-200</td>
</tr>
<tr>
<td>ODJ 1013</td>
<td>250x1290</td>
<td>45-90</td>
<td>65-145</td>
<td>160-250</td>
</tr>
</tbody>
</table>

Crushers ODJ are designed as reverse ones. Material is supplied through the inlet directly on the fast rotating rotor where it is crushed by its strikes and impacts from crushing plates. The very good shape index and high degree of comminution are advantages of these crushers.

Crushing areas

Grain size composition of products of crushers with different crusher adjustment

The product size and capacity of crushers ODJ depend on mechanical properties of the crushed material, inlet piece size, adjustment of crushing plates, rotor speed and other factors.