DESCRIPTION
The Twister AC06/AC07 is an autogenous crusher which uses a rotor mounted on a vertical shaft to provide the centrifugal force which starts the reduction process. Material fed into the crusher is centralised before entering the modular rotor. The rotor then accelerates the material to velocities up to 90m/s, and discharges it into the rock/material filled crushing chamber. These continuous collisions provide the crushing action within the chamber. The use of the autogenous rock-on-rock crushing principle eliminates expensive metal crushing parts and reduces wear costs to levels previously unattainable. The Twister AC06/AC07 is ideal for the enhancement of cubic shape, the production of sand for upgrading previously unmarketable material and for producing fines in industrial and pre-milling applications. The many new practical features ensure that the Twister AC06/AC07 remains at the forefront of vertical shaft autogenous crushing technology.

MAIN FEATURES
- Turn waste, flaky materials into quality cubically shaped aggregate
- Manufacture consistently graded crusher sand for use as bituminous sand, mortar sand, plaster sand or high quality concrete sand
- Turn excess aggregate stockpiles into useable fine aggregates and sand
- Crush fine ores in pre-milling applications to increase the capacity of existing grinding mills
- Produce fines in industrial milling applications
FEATURES

ROTOR
- 3 port
- Rapid replacement of rotor body and wear parts
- Precision machined components reduce the balancing time

FREE STANDING SKID FRAME
- Standard supply
- Heavy duty support structure
- No expensive foundations
- Same day installation
- ‘Inserts’ to increase height easily
- Includes maintenance platform, access ladder and guard rails

ROTOR LIFTING
- Lifting and hinging device including hydraulic jack for easy opening of crusher

SINGLE ELECTRIC MOTOR
- Up to 110kW
- Standard pulleys and v-belts
- No special, expensive start up controllers required
- No motor and v-belt synchronising problems
- Single v-belt tensioning point

DISCHARGE SHOOT
- Multi directional discharge chute

HOW THE CRUSHER WORKS
## TECHNICAL DATA

<table>
<thead>
<tr>
<th>MOTOR SIZE</th>
<th>THROUGHPUT CAPACITY (TONNES PER HOUR)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>AC06</td>
</tr>
<tr>
<td>45kW</td>
<td>38</td>
</tr>
<tr>
<td>55kW</td>
<td>46</td>
</tr>
<tr>
<td>75kW</td>
<td>-</td>
</tr>
<tr>
<td>90kW</td>
<td>-</td>
</tr>
<tr>
<td>110kW</td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>AC06</th>
<th>AC07</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum feed size</td>
<td>35mm</td>
<td>40mm</td>
</tr>
<tr>
<td>Feed passing square mesh screen</td>
<td>25mm</td>
<td>30mm</td>
</tr>
<tr>
<td>Maximum rotor speed</td>
<td>2500rpm</td>
<td>2200rpm</td>
</tr>
<tr>
<td>Rotor diameter</td>
<td>600mm</td>
<td>700mm</td>
</tr>
<tr>
<td>Power required</td>
<td>45 - 55kW</td>
<td>75 - 110kW</td>
</tr>
<tr>
<td>Throughput capacity</td>
<td>10 - 40tph</td>
<td>30 - 85tph</td>
</tr>
</tbody>
</table>

**Notes:**
- All tonnages indicate “through-the-rotor” capacity
- All capacities quoted are provided as an application aid only. No performance guarantees are expressed or implied
- Higher and lower capacities can be expected and will depend on many factors including:
  - Type of feed material
  - Shape of the material
  - Size and grading of feed material
  - Size and speed of rotor
  - The rotor revolutions and size of the rotor will determine the speed at which the material leaves the rotor
  - The higher the rotor speed the higher the reduction value
- **MAXIMUM FEED SIZE IS INDICATIVE AND WILL DEPEND ON TYPE OF ROCK, CAPACITY AND GRADING OF THE FEED MATERIAL.**
WORKING DIMENSIONS

AC06

AC07