The need to separate a product batch into 2 different and regular particle sizes, especially in the field of bioethanol, starch, cement, petfood, and fishfeed lead STOLZ to design a range of high performance rotative sifters, called «turbosifter».

**Specifically designed for the separation of fine ground products**

- Cleaning of screens by air blowing and rotation of screens supports (BCMT version)
- Limited risk of cross-contamination
- Quick change of screens through large sized side doors
- Limited maintenance
- BCMF version with fixed screens for standard products not requiring any specific cleaning
- Screens from 5 mm to 0.4 mm, or 4 to 40 mesh
**Rotary sifters** Turbosifter

**Features**
- Bi-rotor innovative technology for the clogging powders sifting
- Sturdy structure and ATEX compliance
- High performance separation of fatty and fine products
- Drive by motor and belts, or direct gear-motor

**Sieving products**
- Granular products like sugar, rubber, plastic granulates, etc...

**Operating principle**

Input spout receive material to treat and a never-ending screw introduces them inside a fixed sifter. A rotor with flaps dispatch products on the whole sift square and forced passing over holes or meshes. Rejects by rolling are carried along to exit, whereas small grains passed through sift.

This sifter is fitted with a compressed air blowing system, allowing cleaning of screens at the end of each batch or every five minutes on difficult products.

<table>
<thead>
<tr>
<th>Type</th>
<th>Dimensions (mm)</th>
<th>Rotor/Screens power</th>
<th>Mass</th>
<th>Effective area</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>kW</td>
</tr>
<tr>
<td>BCMT 400</td>
<td>2330</td>
<td>650</td>
<td>730</td>
<td>5,5/0,37</td>
</tr>
<tr>
<td>BCMT 600</td>
<td>3500</td>
<td>900</td>
<td>1050</td>
<td>9,2/0,37</td>
</tr>
<tr>
<td>BCMT 750</td>
<td>4100</td>
<td>1000</td>
<td>1150</td>
<td>15/0,37</td>
</tr>
<tr>
<td>BCMT 1250</td>
<td>4100</td>
<td>1600</td>
<td>1400</td>
<td>18,5/0,37</td>
</tr>
<tr>
<td>BCMT 1250+</td>
<td>4700</td>
<td>1600</td>
<td>2100</td>
<td>45/0,75</td>
</tr>
</tbody>
</table>

**Sieving products**

Good product

ByPass (in option)

Big wastes

Good product

ByPass (in option)

**Operating principle**

- Input spout receive material to treat and a never-ending screw introduces them inside a fixed sifter.
- A rotor with flaps dispatch products on the whole sift square and forced passing over holes or meshes. Rejects by rolling are carried along to exit, whereas small grains passed through sift.
- This sifter is fitted with a compressed air blowing system, allowing cleaning of screens at the end of each batch or every five minutes on difficult products.