Bran Centrifugal

MKLA
Higher flour yield. 
Efficient separation.

Maximum efficiency

The Buhler MKLA bran centrifugal separates the flour particles still adhering to the bran and thus increases the extraction rate in the mill. The bran centrifugal is applied in mills processing a wide variety of products: wheat, rye, spelt, millet, barley, oats, and buckwheat. The MKLA bran centrifugal is available in two sizes and in three variants each and can thus be matched with extreme flexibility to both the existing space conditions and to given throughput capacities.

Higher flour yield

- Pitched beater strips increase the conveying of the incoming product stream and thus enable the bran centrifugal to separate flour particles still adhering to the bran. This increases the extraction rate of flours that can be commercially utilized.
- The special screen geometry causes the screen to vibrate. This keeps the screen apertures clear and ensures a maximum throughput capacity up to 1.8 t/h.

Metal sieve frame with exchangeable screen

High product safety
- Wood-free sieve frame, neither nails nor screw fasteners

Maximum uptime
- Easy cleaning
- Fast sieve changes
- Wear-resistant thanks to durable material (high-grade stainless steel)

Top sanitation
- Made completely of special stainless steel

Fast retrofitting of metal sieve frame
- Plug and Play – no additional installation work required for frame changes

Easy maintenance
- A wide and large door design provides easy access to the sieve jacket. This greatly facilitates machine maintenance and sieve jacket changes.
- The excellent ease of access simplifies periodical performance checks.

- Higher flour yield
- Minimum maintenance
- Maximum flexibility
Easy maintenance.
Maximum flexibility.

Dimensions (mm)

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>L</th>
<th>M</th>
</tr>
</thead>
<tbody>
<tr>
<td>MKLA - 30/80</td>
<td>1313</td>
<td>1035</td>
<td>120</td>
<td>120</td>
<td>540</td>
<td>1200</td>
<td>120</td>
<td>458</td>
<td>1080</td>
<td>916</td>
</tr>
<tr>
<td>MKLA - 45/110</td>
<td>1685</td>
<td>1377</td>
<td>150</td>
<td>150</td>
<td>618</td>
<td>1470</td>
<td>150</td>
<td>548</td>
<td>1236</td>
<td>1096</td>
</tr>
</tbody>
</table>

Technical data, weights

<table>
<thead>
<tr>
<th>Model</th>
<th>Jacket size in mm</th>
<th>Beater rotor rpm</th>
<th>Throughput capacity in kg/h</th>
<th>Approx. weight in kg</th>
<th>Volume sea pack. m³</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ø</td>
<td>Length</td>
<td></td>
<td></td>
<td>net</td>
</tr>
<tr>
<td>MKLA - 30/80</td>
<td>300</td>
<td>800</td>
<td>1300 – 1600</td>
<td>– 900</td>
<td>220</td>
</tr>
<tr>
<td>MKLA - 45/110</td>
<td>450</td>
<td>1100</td>
<td>1000 – 1100</td>
<td>– 1800</td>
<td>320</td>
</tr>
<tr>
<td>MKLA - 30/80 twin</td>
<td>2 x 300</td>
<td>2 x 800</td>
<td>1300 – 1600</td>
<td>2 x – 900</td>
<td>430</td>
</tr>
<tr>
<td>MKLA - 45/110 twin</td>
<td>2 x 450</td>
<td>2 x 1100</td>
<td>1000 – 1100</td>
<td>2 x – 1800</td>
<td>620</td>
</tr>
</tbody>
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