CIRCULAR VIBRATORS – MODEL RANGE CD

STURDY AND COST EFFICIENT DESIGN!
Trowal circular vibrators are universal finishing machines which can be utilized for treating a wide range of different parts. The CD machines are employed for aggressive deburring and radiusing (edge breaking) as well as for high gloss polishing of delicate work pieces, i.e. their applications range from aggressive cut down all the way to generating pre-plate surface finishes.

All Trowal circular vibrators can be utilized as cost efficient “stand-alone” units. However, they can be easily automated allowing their integration into interlinked, fully automatic manufacturing systems. The CD circular vibrators are equipped with an internal separation system consisting of a manual or pneumatic separation flap and an easy-to-exchange built-in separation screen. Main characteristics of the Trowal CD vibrators are their robust, sturdy design and their competitive pricing. Customers can choose from 7 different models with work bowl volumes ranging from 110 liters up to 1,200 liters.
The numerous technical features of the CD vibrators make them truly universal surface finishing machines that can be used for a wide range of applications:

- Work bowl with flat bottom
- Ideal for processing of delicate parts
- The large opening between work bowl bottom and separation flap allows the treatment of big parts without the risk of entanglement
- Extra long separation screens ensure efficient separation of the media from the parts
- Even big, flat parts can be quickly separated without the risk of media carry-out
- Optional pneumatic separation flap (standard for models CD 400, 600 and 1200)
- Accessories
  - Noise dampening lids
  - Various types of compound dosing systems
  - Magnetic separators
  - Triangular wedge profile
  - Various types of drying equipment, etc.

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### Technical Specifications

<table>
<thead>
<tr>
<th>Gross volume of work bowl (l)</th>
<th>CD 110</th>
<th>CD 200</th>
<th>CD 300</th>
<th>CD 400</th>
<th>CD 600</th>
<th>CD 800</th>
<th>CD 1200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Usable volume (l)*</td>
<td>73</td>
<td>92</td>
<td>170</td>
<td>251</td>
<td>364</td>
<td>528</td>
<td>748</td>
</tr>
<tr>
<td>Max. work piece dimension (mm)**</td>
<td>160</td>
<td>180</td>
<td>220</td>
<td>250</td>
<td>280</td>
<td>300</td>
<td>360</td>
</tr>
<tr>
<td>Total screen area (cm²)</td>
<td>1,632</td>
<td>2,097</td>
<td>3,434</td>
<td>4,398</td>
<td>5,472</td>
<td>6,299</td>
<td>7,739</td>
</tr>
<tr>
<td>Drive power at 1,500 (RPM)</td>
<td>1.0 kW</td>
<td>1.0 kW</td>
<td>2.6 kW</td>
<td>2.6 kW</td>
<td>4.0 kW</td>
<td>6.0 kW</td>
<td>11.0 kW</td>
</tr>
<tr>
<td>Speed range (RPM)</td>
<td>1,000/1,500</td>
<td>1,000/1,500</td>
<td>1,000/1,500</td>
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</tr>
<tr>
<td>Max. centrifugal force (N)</td>
<td>17,540</td>
<td>18,710</td>
<td>20,360</td>
<td>33,680</td>
<td>72,980</td>
<td>99,877</td>
<td>138,470</td>
</tr>
<tr>
<td>Total weight, empty (kg)</td>
<td>427</td>
<td>516</td>
<td>731</td>
<td>923</td>
<td>1,400</td>
<td>1,950</td>
<td>2,484</td>
</tr>
</tbody>
</table>

**Magnetic separator**
- MS
- MS
- MS
- MS
- MS
- MS
- MS
- MS

**Vibratory driers**
- G 100
- G 200
- G 200
- G 500
- G 500
- G 500
- G 1000

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**Accessories**
- Noise dampening lids
- Various types of compound dosing systems
- Magnetic separators
- Triangular wedge profile
- Various types of drying equipment, etc.

**Dimensions (in mm)**

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