This machine is used for polishing thin large-size parts of metal or non-ferrous metal.

To get beautiful surface of the workpieces in a short time, you just only need to put work and media into a container and place it on the top of the machine to get them vigorously rotated by a rotating magnetic field.

Valid outer diameter of the table is 660mm

- **USE**
  - Fine burring
  - Surface roughness improvement
  - Removal of oxide coating
  - Washing and others

- The each magnetic plates rotate and its magnetic plate spindle orbits so the workpieces can be uniformly-processed in the container.

- Rotation speed of magnetic plates and orbital speed of its spindle can be easily changed according to work conditions.

- Except plastic container as standard accessory, 3 pcs of Φ260mm plastic containers can be used at once.

- The magnetic plate can be moved up and down, so detachment of the plastic container is easy.

- According to processed product, removal of oxide coating or surface roughness improvement by a shot-peening process are possible.

- Please feel free about special specifications like a SUS exterior and others.
### PRINCIPLE

![](image)

**Schematic diagram of magnetic barrel finishing machine**

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>MBF-700</th>
</tr>
</thead>
<tbody>
<tr>
<td>Machine size (width x depth)</td>
<td>930W x 970D mm</td>
</tr>
<tr>
<td>Height (not including plastic container)</td>
<td>640H mm</td>
</tr>
<tr>
<td>Upper plate size</td>
<td>Φ728mm</td>
</tr>
<tr>
<td>Usable container's size (inner diameter x height)</td>
<td>Φ660 x 200 mm</td>
</tr>
<tr>
<td>Magnetic disc rotation speed</td>
<td>0-1650 r.p.m.</td>
</tr>
<tr>
<td>Magnetic disc orbital speed</td>
<td>0-9 r.p.m.</td>
</tr>
<tr>
<td>Motor</td>
<td>3Φ, 200V, 750W x 3</td>
</tr>
<tr>
<td></td>
<td>1Φ, 200V, 90W (1/150G) x 1</td>
</tr>
<tr>
<td>Timer</td>
<td>99h 59minute</td>
</tr>
<tr>
<td>Net weight</td>
<td>250 kg</td>
</tr>
</tbody>
</table>

Specification subject to change without notice.

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