TROWAL SURFACE FINISHING
Mini barrel E5

APPLICATIONS
The low cost E 5 barrels are highly economical systems for the finishing of pocket-size batches of small mass produced parts for which a standard vibratory machine might be too big. E 5 barrels produce an excellent, extremely fine surface finish and are ideal for treating very small precision engineered parts used in the computer, optical and other industries.

THAT’S HOW E 5 BARRELS WORK
The double cone barrels are placed on two rotary shafts (one is idling and one is connected to an electric drive). The drive shaft induces a rotary movement into the barrels causing the parts/media mass in the barrels to gently slide along the outer barrel wall. While cycle times are somewhat longer than in vibratory systems, the achieved surface finishes are extremely smooth.
<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Usable volume of parts and media (L)*</td>
<td>3</td>
</tr>
<tr>
<td>Max. work piece dimension (mm)**</td>
<td>60</td>
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<tr>
<td>Drive power (kW)</td>
<td>0.25</td>
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<tr>
<td>Rotational barrel speed (RPM)</td>
<td>25–125</td>
</tr>
<tr>
<td>Total weight, empty (kg)</td>
<td>58</td>
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</tbody>
</table>

- **E5**

**TECHNICAL HIGHLIGHTS**

- Drive consisting of electric motor with infinitely adjustable speed within the specified speed range
- Protective sheet metal cover with electric safety interlock
- Sturdy machine base made from sheet metal containing the drive and idling shafts. Shafts equipped with lockable rings for positioning and holding the barrels in place during operation
- Barrels made from highly wear resistant polyurethane with heavy-duty locking mechanism for the water tight lid

**OPTIONS**

- Addition of 2 extra barrels with elastic coupling and machine base extension with rollers

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Pu barrel with lid locking mechanism

Technical modifications reserved 06/14 www.promise-marketing.de

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