Fully automatic dispensing machine for processing different kind of components with an enlarged working area

The metering and mixing machine B5600 has an enlarged working area and is suited for semi- or fully-automatic operation. The machine can be equipped with either 1 or 2 dispensing heads. The equipment has an operator-friendly control concept. Different automation processes can be easily integrated into the system.
**DISPENSING CELL B5600**

**MIXING SYSTEMS**

- Single-component systems
- 2-component static mixing systems
- 2-component dynamic mixing systems

**MODULARE ERWEITERUNGSMÖGlichkeiten**

- Material preparation PPS/ MPS
- Cartridge system
- Material pressure tank
- Material temperature control system
- Material recirculation
- Material evacuation
- Material refill station, manual or automatic
- Filling level monitoring, digital or analog
- Fluid recirculation
- Process scale for shot weight control
- Dosing needle check and repositioning
- Dosing needle cleaning system
- Bar code scanner for recipe selection
- Component identification
- Data base connection MDE/BDE
- Process, product and machine data monitoring
- Second dispensing head
- Integration into production lines and automation processes

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions machine (W x H x D)</td>
<td>1.490 x 2.200 x 1.600 mm (without tank)</td>
</tr>
<tr>
<td>Axis</td>
<td>3 axes (3D interpolated circular motion)</td>
</tr>
<tr>
<td>Traversing range X-Y-Z</td>
<td>945 x 870 x 200 mm</td>
</tr>
<tr>
<td>Axis speed</td>
<td>0.5 m/s</td>
</tr>
<tr>
<td>Control</td>
<td>Beckhoff SPS Windows 7 embedded</td>
</tr>
<tr>
<td>Operation device</td>
<td>Touch panel, colored</td>
</tr>
<tr>
<td>Electrical power supply</td>
<td>400 V / 50 Hz, fuse 32 A</td>
</tr>
<tr>
<td>Air pressure supply</td>
<td>max. 4 - 6 bar</td>
</tr>
<tr>
<td>Weight</td>
<td>approx. 1.000 kg (without tank)</td>
</tr>
<tr>
<td>Color</td>
<td>RAL 7035</td>
</tr>
</tbody>
</table>

**VARIATION POSSIBILITIES**

- Conveyor
- Moving carrier plate
- Light curtain
- Rotary table

(Errors and changes reserved, as of July 2017)

bdtronic GmbH
Ahornweg 4
97990 Weikersheim
Germany

T +49 7934 104 - 0
F +49 7934 104 - 371
sales@bdtronic.com
www.bdtronic.com