Flexible and space-saving metering and mixing machine for lean dispensing applications in your lean production

With this compact and lean machine all types of dispensing applications are always solved accurately and reliably. Due to the lean machine structure the B5090 is ideal for your lean production. The machine is characterized by a user-friendly control concept, a simple and quick commissioning, as well as significant flexibility for integration into production lines. Due to the high degree of automation our market-driven solution increases the productivity while maintaining quality.
DISPENSING CELL B5090

MIXING SYSTEMS

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

MODULAR EXTENSIONS

- 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

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Dimensions machine (W x H x D)</th>
<th>990 x 2.200 x 1.600 mm (without tank)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Axis</td>
<td>3 axes (3D interpolated circular motion)</td>
</tr>
<tr>
<td>Traversing range X-Y-Z</td>
<td>445 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. 800 kg (without tank)</td>
</tr>
<tr>
<td>Color</td>
<td>RAL 7035</td>
</tr>
</tbody>
</table>

VARIATION POSSIBILITIES

- Conveyor
- Moving carrier plate
- Rotary table

ERRORS AND CHANGES RESERVED, AS OF JULY 2017

- Service hotline (German/English/French)
- Response service MO - FR
- Spare parts service
- Service and maintenance
- Process and component optimization in internal development areas
- Trials and development in well equipped technical center
- Trainings for machine user, machine setter and maintenance personnel
- Workshops for machine user, machine setter and maintenance personnel

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