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

With the extremely compact and lean machine B5080 all types of dispensing applications are always solved accurately and reliably. The lean machine structure meets the requirements for lean production concepts. The B5080 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 B5080

MIXING SYSTEMS

> mini-dis applications
  1- or 2- component

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
> Integration into production lines and automation processes
> ESD equipment
> Second dispensing head

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>800 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>410 x 690 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 10</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. 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

Moving carrier plate
Rotary table
Conveyor

(Errors and changes reserved, as of December 2019)