Fully automatic metering and mixing machine for dispensing applications in high volume production

The fully automatic dispensing machine solves all types of dispensing applications accurately and reliably. The 3D axis is especially characterized by a continuous process monitoring, product data traceability during production and can be easily integrated into existing or new production lines. Due to the high degree of automation our market-driven solution increases the productivity while maintaining quality.
DISPENSING MACHINE B5200 1C/ 2C

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 and automation processes

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Item</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions machine (W x H x D)</td>
<td>1.190 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>645 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

<table>
<thead>
<tr>
<th>Item</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conveyor</td>
<td>Moving carrier plate</td>
</tr>
<tr>
<td>Light curtain</td>
<td>Rotary table</td>
</tr>
</tbody>
</table>

(ERRORS AND CHANGES RESERVED, AS OF MAY 2014)

> Service hotline (German/English/French)
> 24h response service
> Spare parts service
> Service and maintenance
> Process and component optimization in in-house development centers
> Trials and development in well equipped technical centers
> Training for machine user, machine setter and maintenance personnel
> Seminars for machines user, machine setter and maintenance personnel

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