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 CELL B5200

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>Dimensions machine (W x H x D)</th>
<th>1.190 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>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>
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VARIATION POSSIBILITIES

Conveyor

Moving carrier plate

Rotary table

Light curtain

(Mixing systems)

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TECHNICAL DATA

Dimensions machine (W x H x D) 1.190 x 2.200 x 1.600 mm (without tank)
Axis 3 axes (3D interpolated circular motion)
Traversing range X-Y-Z 645 x 870 x 200 mm
Axis speed 0.5 m/s
Control Beckhoff SPS Windows 7 embedded
Operation device Touch panel, colored
Electrical power supply 400 V / 50 Hz, fuse 32 A
Air pressure supply max. 4 - 6 bar
Weight approx. 800 kg (without tank)
Color RAL 7035

(Erros 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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DISPENSING
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PLASMA
HOT RIVETING