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

- mini-dis applications
  - 1- or 2-component

1- 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
- ESD equipment

TECHNICAL DATA

Dimensions machine (W x H x D) 990 x 2.200 x 1.600 mm (without tank)
Axis 3 axes (3D interpolated circular motion)
Traversing range X-Y-Z 445 x 870 x 200 mm
Axis speed 0,5 m/s
Control Beckhoff SPS Windows 10
Operation device Touch panel, colored
Electrical power supply 400 V / 50 Hz, fuse 32 A
Air pressure supply max. 6 bar
Weight approx. 800 kg (without tank)
Color RAL 7035

VARIATION POSSIBILITIES

Conveyor
Moving carrier plate
Rotary table
Light curtain

钹placement

- 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

Dispensing
Impregnation
Plasma
Hot Riveting

bdtronic GmbH
Ahornweg 4
97990 Weikersheim
Germany

bdtronic D

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