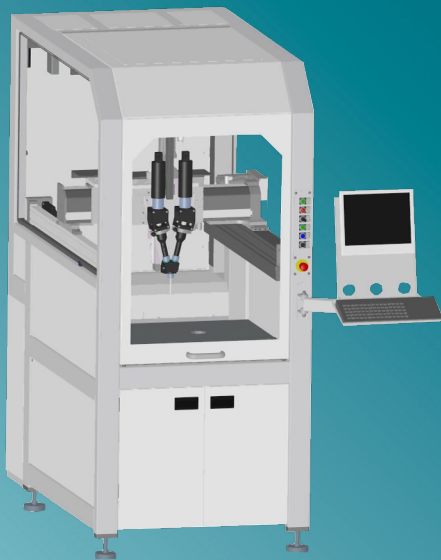


PRODUCT INFORMATION

DISPENSING CELL B5090



- > Lean design
- > Fully automatic dispensing cell with 3D axis
- > Dispensing of single-component and multi-component materials
- > Variably adjustable mixing ratio
- > Continuous metering and mixing
- > Processing low viscosity to paste-like reactive resins
- > Integrated recipe manager
- > Windows based control
- > Maintenance friendly

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.

bdtronic 

DISPENSING
IMPREGNATION
PLASMA
HOT RIVETING

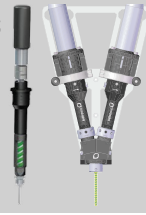
DISPENSING CELL B5090

MIXING SYSTEMS

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



- > 1- component systems
- > 2- component static mixing systems



- > 2-component dynamic mixing systems



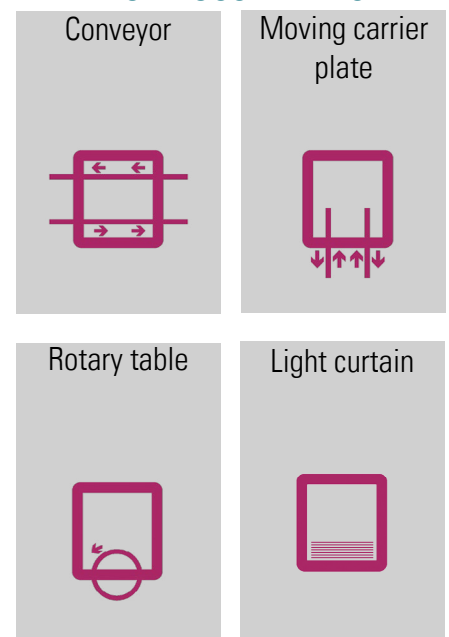
MODULAR EXTENSIONS

- > 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



(Errors and changes reserved, as of December 2019)

- > 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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