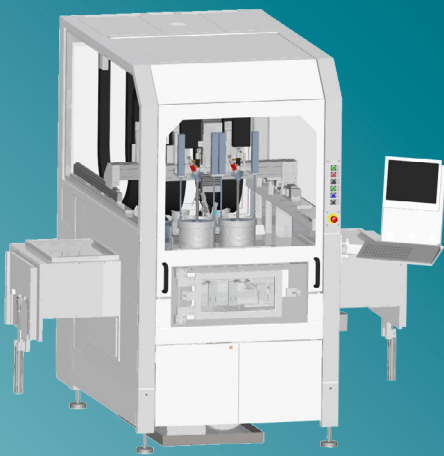


PRODUCT INFORMATION

# VACUUM DISPENSING CELL B5200-V



- > 1- or 3 vacuum chamber system
- > Short cycle times
- > Dispensing of single-component and multi-component materials
- > Variably adjustable mixing ratio
- > Continuous metering and mixing
- > Processing low viscosity reactive resins under vacuum conditions
- > Flexible and integrable construction
- > Windows based control

## **Fully automatic metering and mixing machine for vacuum dispensing processes**

The B5200-V with 1- or 3 vacuum chamber system is a fully automatic dispensing machine for air bubble-free filling of components to ensure a stable and high dispensing quality. The 3D axis is especially characterized by a continuous process monitoring and product data traceability during production. Due to the high degree of automation our market-driven solution increases the productivity while maintaining quality.

**bdtronic** 

DISPENSING  
IMPREGNATION  
PLASMA  
HOT RIVETING

# VACUUM DISPENSING CELL B5200-V

## MIXING SYSTEMS

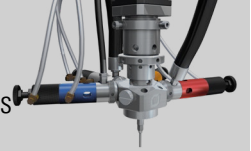
> Single-component systems



> 2-component static mixing systems



> 2-component dynamic mixing systems



## MODULAR EXTENSIONS

- > Material preparation MPS
- > 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
- > 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
- > 1- or 3-vacuum chamber system
- > ESD equipment

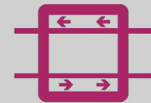
## TECHNICAL DATA

Dimensions machine (W x H x D)	1.190 x 2.200 x 1.850 mm (without tank)
Axis	3 axes (3D interpolated circular motion)
Traversing range	X-Y suitable for work piece holder TS2 up to 400 x 400 mm; Z 100 - 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
Dimensions vacuum inlet and outlet chamber (W x H x D)	400 x 350 x 600 mm
Dimensions vacuum dispensing chamber (W x H x D)	800 x 570 x 700 mm
Weight	approx. 1.500 kg (without tank)
Color	RAL 7035

(Errors and changes reserved, as of December 2019)

## VARIATION POSSIBILITIES

Conveyor



- > 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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