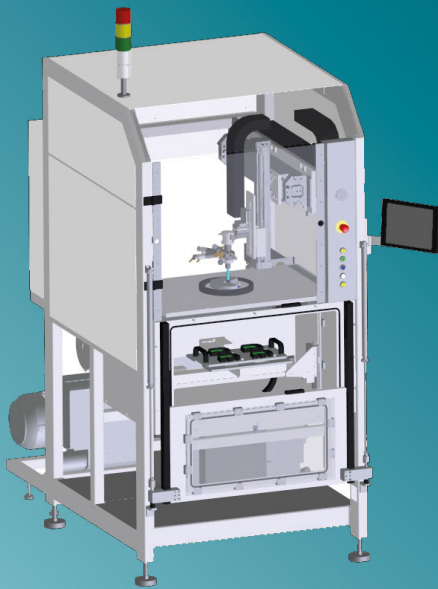


PRODUCT INFORMATION

VACUUM DISPENSING CELL B5300-V



- > Dispensing of single-component and multi-component materials
- > Variably adjustable mixing ratio
- > Continuous metering and mixing
- > Processing low viscosity reactive resins under vacuum conditions
- > Easy handling
- > Maintenance friendly
- > Smart control
- > Flexible and integrable construction

Fully-automatic dispensing machine for processing of components under vacuum

With the vacuum dispensing machine B5300-V all types of dispensing applications are solved accurately and reliably. The compact design, easy handling and quick vacuum evacuation guarantee optimal results. The machine with integrated 2D axial system is characterized by a continuous process monitoring and product data tracking 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 B5300-V

MIXING SYSTEMS

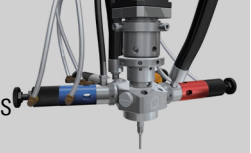
> Single-component systems



> 2-component static mixing systems



> 2-component dynamic mixing systems



MODULAR EXTENSIONS

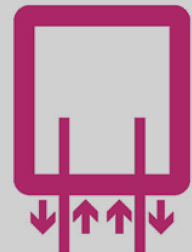
- > Material preparation MPS
- > Material temperature control system
- > Material recirculation
- > Material evacuation
- > Material refill station, manual or automatic
- > Filling level monitoring, analog
- > Fluid recirculation
- > Process scale for shot weight control
- > Component identification
- > Bar code scanner for recipe selection
- > Data base connection MDE/ BDE
- > Process, product and machine data monitoring
- > Integration of automation processes
- > ESD equipment

TECHNICAL DATA

Dimensions machine (W x H x D)	1.100 x 2.200 x 1.800 mm (without MPS)
Axis	2D axis (+2 pneumatic axes)
Traversing range	400 x 300 mm
Axis speed	0,3 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 chamber (W x H x D)	1.000 x 560 x 600 mm
Pallet holding fixture	Component size max. 400 x 300 mm
Weight	approx. 800 kg (without MPS)
Color	RAL 7035

VARIATION POSSIBILITIES

Manual loading with pneumatic lift gate



(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

bdtronic GmbH
Ahornweg 4
97990 Weikersheim
Germany

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

bdtronic 

DISPENSING
IMPREGNATION
PLASMA
HOT RIVETING