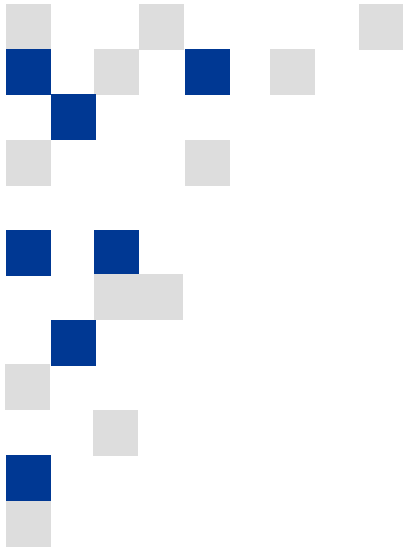


# Product Information

## Mixing and Dispensing Machine



Dispensing Technology

Automation Technology

## B5200-V

Fully automatic mixing and dispensing system for processing single or two-part resins under vacuum

The compact B5200-V is the optimal solution for potting or encapsulation of parts under vacuum. The machine can be equipped with a single or optional three chamber system. The integrated 3-axis system with 3D interpolation in vacuum and the integrated part transport system make the B5200-V suited for semi or fully automatic operation.

- ✓ Dynamic mix head capable for fast cure and hard to mix materials
- ✓ Variable selection of mix ratio and dispense flow rates
- ✓ Continuous mixing and dispensing technology
- ✓ Can be integrated with in-line conveyor

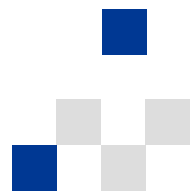
Manual workplace

**Production Cell  
(for integration)**

Production line

Process & Services

Impregnation Technology



# Product Information

## Mixing and Dispensing Machine B5200-V

### Key Components

#### ✓ Dispensing system

- Dynamic mixing system
- Static mixing system
- Single part system

#### ✓ Coordination systems

- 4-axis system with servo-drive X-YY-Z including integrated part conveyor
- 3D-interpolated motion

#### ✓ Controller

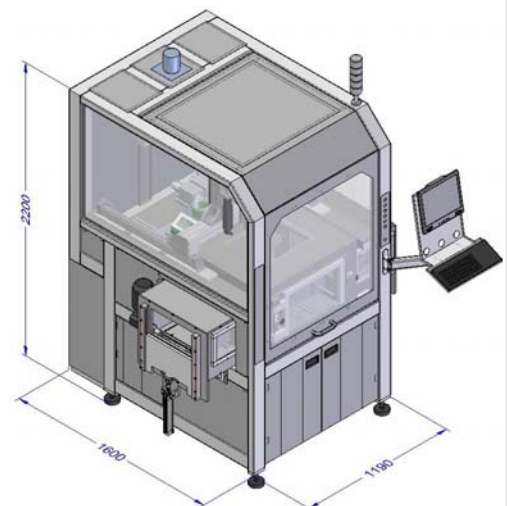
- Beckhoff
- Process visualization via color PC display

### Modular Options

- Material preparation system MPS
- Supply from pressure/vacuum rated tanks
- Manual/automatic refill stations
- Temperature regulation
- Material recirculation
- Degassing system
- Filling level monitoring, digital
- Solvent recirculation unit
- Integrated weight check scale
- Process and process data control
- Product and machine data tracking
- 3 chamber system for short cycle production
- 1 chamber system

### Technical Data

Vacuum end pressure:	application dependent
Part carrier size:	320 x 240 mm
Vacuum chambers:	
- In and outlet chamber:	403 x 354 x 600 mm
- Dispensing chamber:	816 x 570 x 176 mm
Size (w x h x d):	1,753 x 2,200 x 1,600 mm
Weight:	approx. 1,500 kg (without vessels)
Electrical power supply:	230 V / 50 A / 60 Hz
Air pressure supply:	max. 6 bar
Color:	RAL 7035



### Your Competitive Edge - Our Service

- ✓ Service hotline
- ✓ On-site technical support available
- ✓ Same day spare parts shipment
- ✓ Process and part optimization testing using in-house laboratories
- ✓ Training sessions for machine operators, Maintenance, and manufacturing engineers
- ✓ Remote diagnosis via internet

### Contact



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