

# dos vac

>> new power by dosmatix  
vacuum dispensing for high-  
quality potting.



[dosmatix.com/en/dos-vac](https://dosmatix.com/en/dos-vac)



## maximum functionality and high vacuum sealing

- High vacuum seal thanks to quick evacuation to low vacuum values
- Continuous regulation of the vacuum values with high system seal tightness

## comparatively energy-efficient system

- Automatic frequency control of the pump to save energy
- Automatic control in pause mode during non-production times

## maximum production speed

- Fast evacuation and ventilation times for maximum production speed
- Vacuum chamber door opens automatically at the end of the potting process to ensure maximum time saving

## compact design and modular system structure

- Compact system design for maximum space utilization
- Modular product design for diverse applications in conjunction with flexible **dosmatix** product combinations

# the innovations of dos vac

new power



### Service slide

An integrated service slide on the dos vac enables the user to carry out optimum maintenance and cleaning work on the dos piston thanks to its easy accessibility.

### Vacuum door

A generous, transparent door and additional windows provide the operator with an excellent view inside the chamber and improve user-friendliness.

### Workpiece holder query

A sensor prevents operating errors and contamination due to incorrect dosing by automatically detecting a missing workpiece holder.

### Two-handed operation

The 2-hand control of the vacuum door ensures maximum user safety when closing the vacuum door and therefore contributes significantly to work safety.

### Optional:

#### Noise protection cover for vacuum pump

Significantly reduces the noise level and provides greater comfort through noise protection.

#### > Automatic air regulation

Temperature sensor regulates fan speed to prevent overheating in the vacuum pump.

#### > Connection to exhaust air system

Connection to external extraction system possible so that the exhaust air does not enter the production area.

## technical data

Variant	dos vac M	dos vac L
Outside dimensions (lxwxh)	1430 x 1450 x 2330 mm	1585 x 1600 x 2480 mm
Outside dimensions chamber (lxwxh)	1140 x 790 x 565 mm	1300 x 870 x 685 mm
Weight (excl. vacuum chamber)	ca. 700 kg	ca. 830 kg
Potting area XY*	400 x 300 mm	500 x 350 mm
Travel area XYZ	500 x 320 x 200 mm	600 x 370 x 300 mm
Max. Travel speed	X,Y: 160 mm/s; Z: 50 mm/s	X,Y: 160 mm/s; Z: 50 mm/s
Function	Vacuum potting up to 3 mbar	Vacuum potting up to 3 mbar
Electrical supply	400V AC (3L-N-PE) / 16 A	400V AC (3L-N-PE) / 16 A
Control system	Beckhoff Automation	Beckhoff Automation

\* customization possible on request

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dosmatix navigator

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