INDUSTRIAL SOLUTIONS

VarioShaker 540.
Component separator for pick and place and flexible feeding.

VARIOBOTIC
endless possibilities

More than just a simple component separator. The Varioshaker 270 is primarily used in the fields of pick and place and flexible feeding. In comparison to conventional systems, the VarioShaker 270 is easy to set up and configure as well as robust and uncomplicated in use. Components with different shapes can be separated by controlled movements. In addition to a web-based configuration for easy operation, the VarioShaker 270 has an I/O interface and can therefore be adapted to almost any robot.

🌐 **www.variobotic.de**

Contact and Support

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VarioShaker 540.
Technical specifications.

Usable area	Approx. 475 × 290 mm
Material vibrating bowl	PE white
Vibrating bowl (transmitted light)	Plain
Recommended component size	20 to approx. 100 mm (further part sizes possible after testing)
Optional vibrating surfaces	On request
Dimensions	Approx. 660 × 425 × 160 mm (L x W x H)
Temperature range	5°C - 40°C
Weight	27.5 kg
Software	WebGUI via standard web browser

	+96 V / 4A	Power supply					
	+24V / 4A	(combine mass from 24 V and 96 V)					
	0 V	the fuse is located in the housing					
	PE	Protective earth conductor					
Inputs 24 V DC max. 2,4 mA	I_EN	Enable / Start					
	I_Bit1	Binary coded sequence selection - examples:					
	I_Bit2		**Bit 1**	**Bit 2**	**Bit 3**	**Bit 4**	**Bit 5**
	I_Bit3	Sequence 1:	1	0	0	0	0
	I_Bit4	Sequence 2:	0	1	0	0	0
	I_Bit5	Sequence 3:	1	1	0	0	0
	I_LED	Control input for transmitted light					
Outputs 24 V DC max. 100 mA	O_Rdy	Condition: ready					
	O_Bsy	Condition: busy					
	O_Res	Unassigned (reserved)					
	O_Bnk	Hopper on					
Output 24 V DC max. 500 mA	O_Top	Incident light (additional lighting, optional)					
Further connections	M12 cable (8-pin) 5m M8 cable (4-pin) 5m	Control line between VarioShaker and control box					
	Ethernet (TCP/IP)	Optional for control					
	USB	USB port for update WebGUI					

422

165

70   658

M12-8 pin | M8-4 pin
Control line(s)

80   180   132

163

200

M12-8 pin | M8-4 pin
Control line(s)
Note: M8-4 pin only required for 96V version