



New!

Vacuum Lifting Device VacuMaster Glass

Safe and ergonomic



Vacuum lifting device VacuMaster Glass, maximum load 600 kg, for handling of glass sheets

The reliable way to handle workpieces made of glass outdoors

Vacuum handling solutions from Schmalz rationalize and humanize production processes by facilitating easy and efficient workpiece handling. They feature functionality, safety and ergonomic operation.

The vacuum lifting device VacuMaster Glass is ideal for a safe handling of glass workpieces outdoors. VacuMaster Glass is attached to the site crane and effortlessly lifts loads up to 600 kg. The workpieces are held by up to eight suction plates. Only vacuum is used to hold the workpiece in place.

The vacuum lifting device VacuMaster Glass provides



- Safe handling of workpieces without damaging them due to simple operation
- Integrated power failure monitor
- A high degree of safety on the construction site through two redundant vacuum circuits according to DIN EN 13155
- Quick and ergonomic handling of workpieces made of glass in a wide variety of sizes
- Simple assembly due to its compact and flat design
- Operation without being connected to the electrical power supply

Vacuum Lifting Device VacuMaster Glass

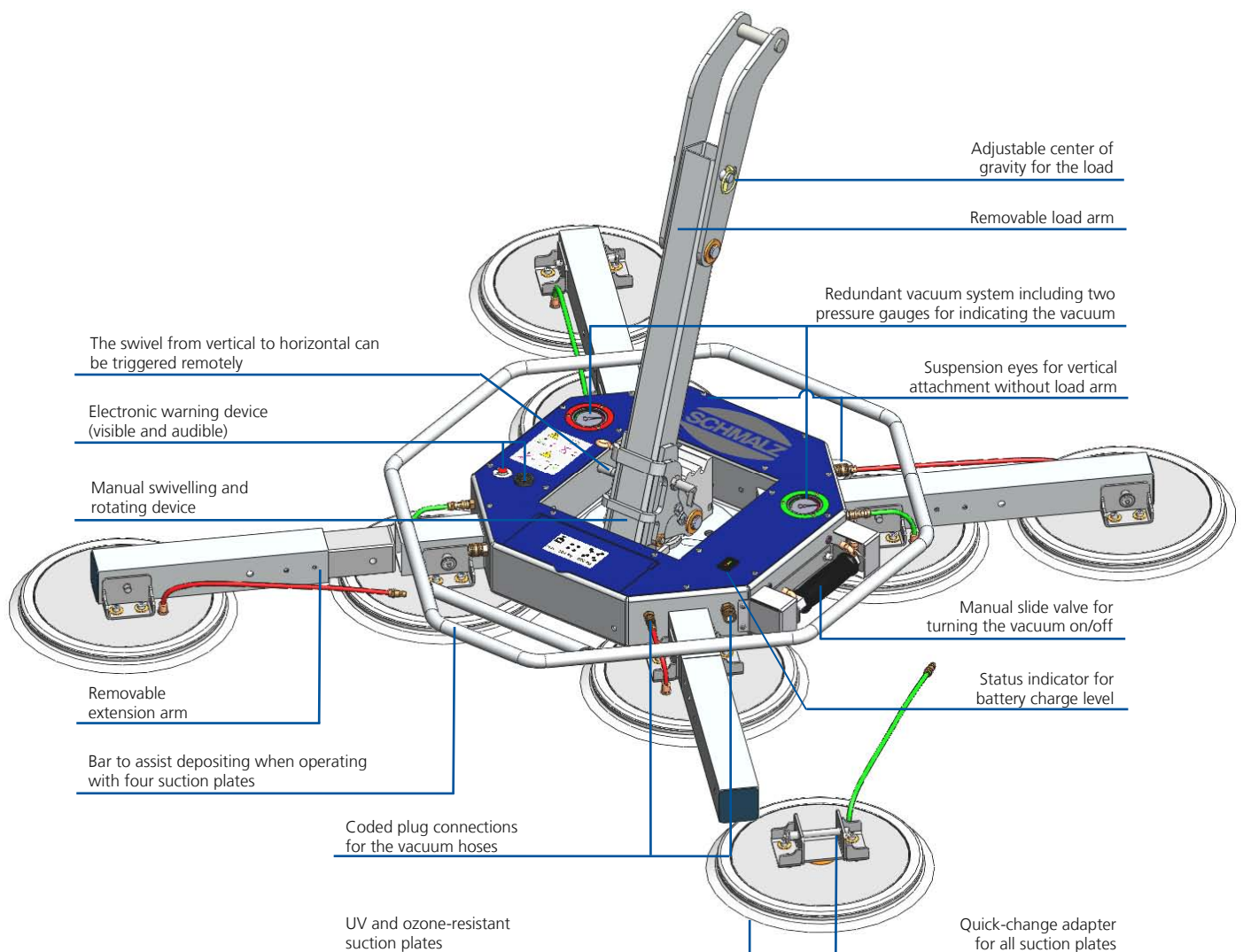
Innovative and functional

System design

Due to its modular design, the VacuMaster Glass can be easily adapted for handling various workpieces.

Using the VacuMaster Glass, workpieces can be swiveled manually by 90° and rotated by 360°. These movements can be locked in place in 18° increments for swiveling and in 45° increments for rotating. This means that the workpieces can be aligned perfectly and installed in the facade.

VacuMaster Glass can be operated without being attached to the electrical power supply. An LED indicator shows the charge status of the 12 V rechargeable battery, which can be replaced. In addition, the controlled vacuum pump assures that the VacuMaster Glass remains ready for operation up to eight hours.



Accessories

The VacuMaster Glass's scope of delivery includes:

- Cover for protecting the UV and ozone-resistant suction plates
- Box for protecting the device during transport and shipping

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Quick and flexible

Configuration

The flexibility of the Schmalz lifting device allows the adaptation to workpieces of various sizes. The device's extension arms can be removed easily, so the number of suction plates can be reduced down to four.

The two redundant vacuum circuits distribute the vacuum according to the number of suction plates, ensuring that the glass can be handled safely at all times.



Design with eight suction plates for a maximum load of 600 kg



Design with six suction plates for a maximum load of 450 kg



Design with four suction plates for a maximum load of 300 kg

Technical data

Power supply:	Battery – 12 V, 4 A	Volume in each safety reservoir:	1.0 l
Capacity:	Battery 7 Ah	Operating temperature range:	0°C to 40°C
Suction capacity:	2.3 m ³ /h	Operating time:	8 h
Suction plate diameter:	400 mm	Height:	235 mm
		Height without load arm:	150 mm

Number of suction plates	Max. load in kg	Weight of device in kg	Arrangement of suction plates	Min. size of workpiece in mm
4	300	62	••	1000 x 1000
4	300	66	••••	420 x 2100
6	450	73	••••••	1400 x 1700
8	600	83	••••••••	1700 x 1700

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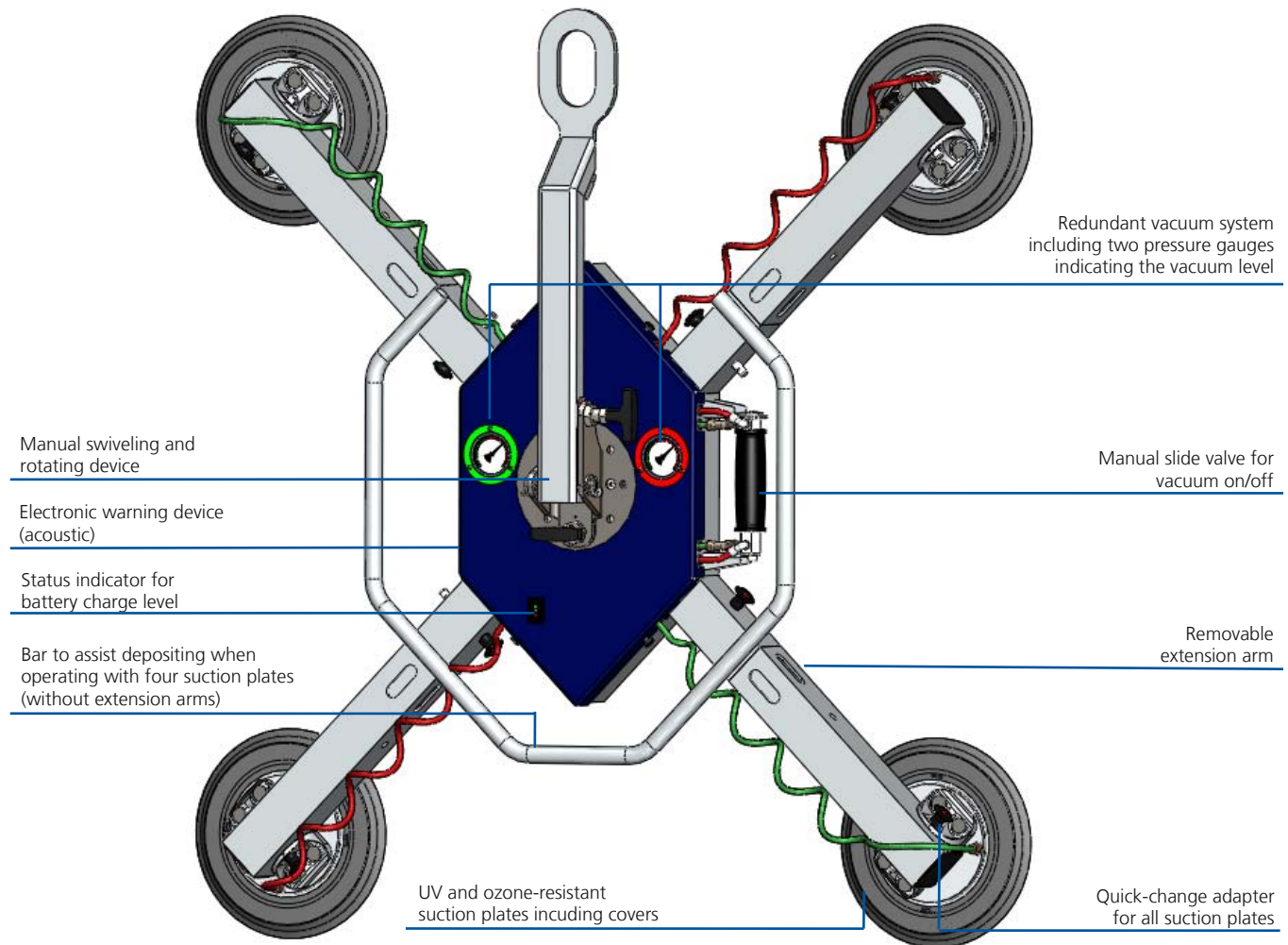
New size optimized for loads up to 350 kg

System design

The vacuum lifting device VacuMaster Glass 350 is designed for loads up to 350 kg (horizontal) or 200 kg (vertical). Due to its modular design, the VacuMaster Glass can be easily adapted to the dimensions of the workpieces.

Using the VacuMaster Glass, workpieces can be swiveled manually by 90° and rotated by 360° (in 45° increments). Thereby the workpieces can be aligned perfectly and installed in the facade.

VacuMaster Glass can be operated without being attached to the electrical power supply. An LED indicator shows the charge status of the 12 V rechargeable battery, which can be replaced. In addition, the controlled vacuum pump assures that the VacuMaster Glass remains ready for operation up to eight hours.



Technical Data

Power supply:	Battery – 12 V, 4 A	Volume in each safety reservoir:	0.5 l
Capacity:	Battery 7 Ah	Operating temperature range:	0 °C to 40 °C
Suction capacity:	2.3 m ³ /h	Operating time:	8 h
Suction plate diameter:	300 mm	Height:	205 mm

Number of suction plates	Max. load (h/v) in kg	Weight of device in kg	Arrangement of suction plates	Min. size of workpiece in mm
4	350/200	35		700 x 700
4	350/200	39		320 x 1750
4	350/200	43		1350 x 1350

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