



Vacuum Handling Systems Solutions For Out Door Glass Handling

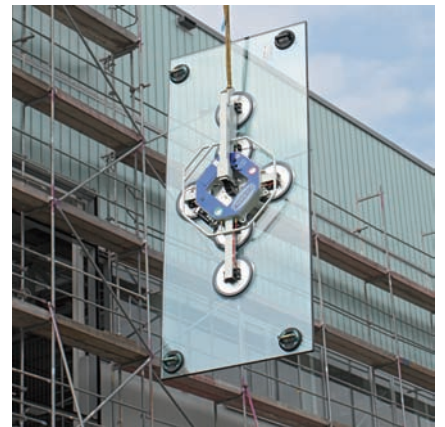


Vacuum Lifting Devices VacuMaster Glass

Innovative and functional

The vacuum lifting device VacuMaster Glass is ideal for a safe handling of glass workpieces in outdoor areas. VacuMaster Glass is attached to the site crane and effortlessly lifts maximum loads with either 350 kg or 600 kg. The workpieces are gripped by up to eight suction plates. Only vacuum is used to hold the workpiece in place.

The Reliable Way to Handle Workpieces Made of Glass in Outdoor Areas



Vacuum lifting device VacuMaster Glass 600 for handling glass panes outdoors

Technical Data

Power supply:	Battery – 12 V, 4 A	Operating temperature:	0 °C to 40 °C
Capacity:	Battery 7 Ah	Operating time:	8 h
Suction capacity:	2.3 m ³ /h	Height VacuMaster 600:	235 mm/150 mm (without load arm)
Height VacuMaster 350:	205 mm		

Type	Volume safety reservoir (each) in l	Number / Diameter of suction plates	Arrangement of suction plates	Weight of device in kg	Max. load horiz. / vert. in kg	Min. size of workpiece in mm
VacuMaster Glass 350	0.5	4 / 300 mm	••	35	350 / 200	700 x 700
	0.5	4 / 300 mm	••••	39	350 / 200	320 x 1750
	0.5	4 / 300 mm	••••	43	350 / 200	1350 x 1350
VacuMaster Glass 600	1.0	4 / 400 mm	••	62	300 / 300	1000 x 1000
	1.0	4 / 400 mm	••••	66	300 / 300	420 x 2100
	1.0	6 / 400 mm	••••••	73	450 / 450	1400 x 1700
	1.0	8 / 300 mm	••••••••	83	600 / 600	1700 x 1700



Robust and safe

Vacuum Lifting Device VacuMaster Glass 350

The vacuum lifting device VacuMaster Glass 350 is designed for loads up to 350 kg (horizontal) or 200 kg (vertical).

www.schmalz.com/vm-glass

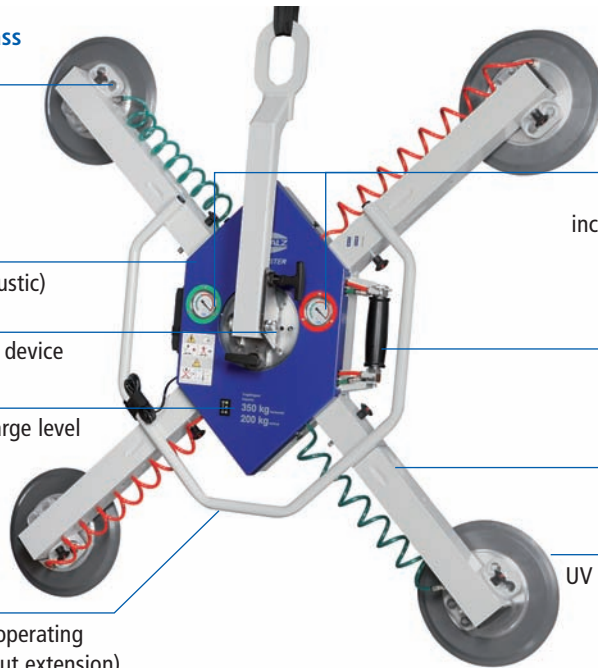
Quick-change adapter for all suction plates

Electronic warning device (acoustic)

Manual swiveling and rotating device

Status indicator for battery charge level

Bar to assist depositing when operating with four suction plates (without extension)

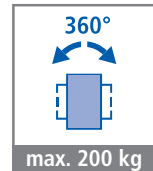
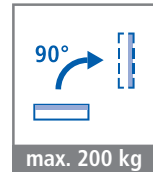
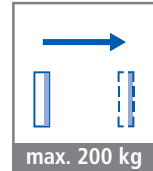
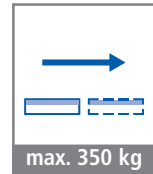


Redundant vacuum system including two pressure gauges for indicating the vacuum

Manual slide valve for turning the vacuum on/off

Removable extension arm

UV and ozone-resistant suction plates including covers



Vacuum Lifting Device VacuMaster Glass 600

The vacuum lifting device VacuMaster Glass 600 is designed for loads up to 600 kg (horizontal and vertical).

www.schmalz.com/vm-glass

Removable load arm

Manual swivelling and rotating device; swivelling from vertical to horizontal can be triggered remotely

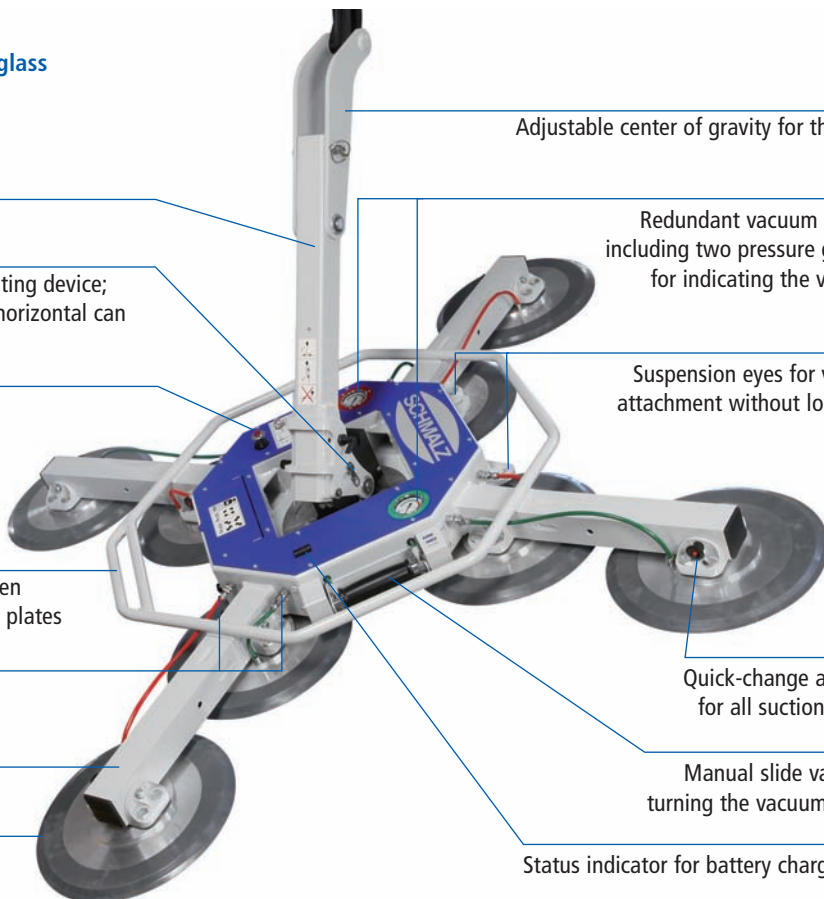
Electronic warning device (visible and audible)

Bar to assist depositing when operating with four suction plates

Coded plug connections for the vacuum hoses

Removable extension arm

UV and ozone-resistant suction plates incl. covers



Adjustable center of gravity for the load

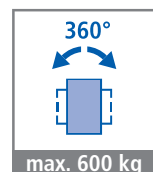
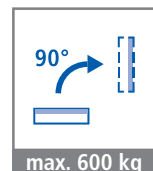
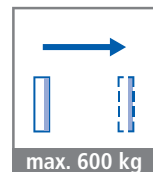
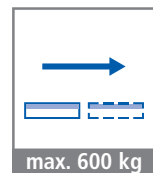
Redundant vacuum system including two pressure gauges for indicating the vacuum

Suspension eyes for vertical attachment without load arm

Quick-change adapter for all suction plates

Manual slide valve for turning the vacuum on/off

Status indicator for battery charge level





Vacuum Components

Innovative vacuum components from Schmalz offer many users in various sectors of industry reliable support in the solution of automation and handling tasks. The wide range of components extends from suction pads and vacuum generators to mounting elements and system monitoring devices.

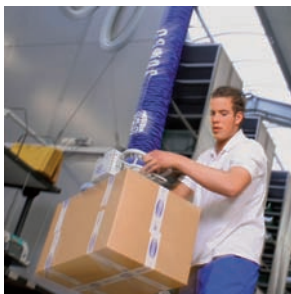
Tel. +49 (0)7443 2403 102
Fax +49 (0)7443 2403 597



Vacuum Gripping Systems

Complex vacuum gripping systems from Schmalz permit decisive productivity improvements to be achieved. The range extends from layer and large-area gripping systems to complete vacuum spiders, delivered ready for connection, for use in all areas of automation.

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Vacuum Handling Systems

Ergonomical vacuum lifting devices Jumbo and VacuMaster for effortless, damage-free handling of workpieces. Crane systems to supplement these to form complete system solutions which are precisely matched to the planned application. Workshop equipment as practical aids in trade and industry.

Tel. +49 (0)7443 2403 108
Fax +49 (0)7443 2403 399



Vacuum Clamping Systems

Future-oriented vacuum clamping technology from Schmalz is the intelligent response to the continually increasing demands for more productivity and economic operation of CNC machine tools.

Tel. +49 (0)7443 2403 109
Fax +49 (0)7443 2403 595

I Subject to technical changes without notice I

