

OKTOPUS® Glass-Jack GL-LN 520

Vacuum lifting device for construction site use with manual rotating and tilting function for lifting and handling flat and curved glass elements



2-circuit system











for construction site use according to DIN EN 13155

Hoist

crane (truck-mounted crane, mini crane, truck loader crane etc.)

Technical details

- One device for three load classes (260/390/520 kg)
- Optionally available GS extensions for handling curved panes (max. 390 kg)
- 2 independent vacuum circuits
- Each vacuum circuit with 2-fold safety and integrated reserve vacuum
- Integrated measuring devices for monitoring the vacuum and power supply
- Optical and acoustic warning devices for signaling deviations from the set condition
- Integrated visual and audible emergency alarm to signal a possible power supply failure
- Special pressure switch monitoring to indicate malfunctions
- Mains-independent battery power supply (24 V) with high capacity
- Pressure switch-controlled energy-saving function to reduce pump running times and maximize device operating times
- Tool-free interchangeable extensions to adapt the device to different construction site conditions and glass dimensions
- Inclination-adjustable crane eye to optimize the center of gravity and thus the vertical alignment of suctioned glass
- Tilting movement around the horizontal axis with locking function in 22.5° grid
- Manually controlled 360° rotation with locking function in 45° grid
- Complies with all criteria of DIN EN 13155
- CE mark in accordance with the European Machinery Directive 2006/42/EC
- Optionally with manually operated valves or radio remote control
- Quick couplings for easy connection and disconnection of individual suction pads

	Crane attachment
	For even glass panes
	For curved glass panes
	Manual rotation 360° with locking function
	Manual tilting 0-90° with locking function
	Manual operation
	Radio remote control
	Battery
	Extension arms
	Adjustable crane eye



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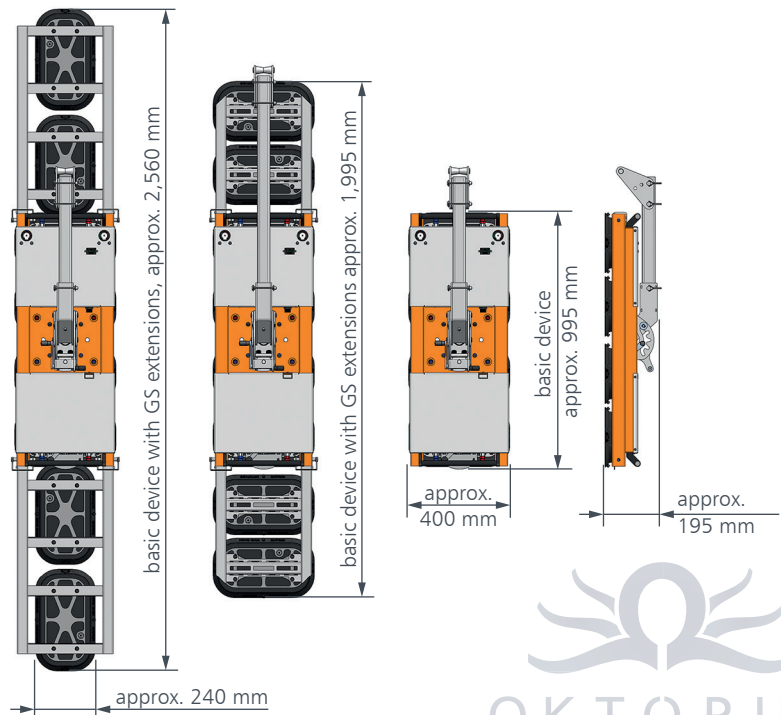
Use

With its low total weight of just 39 - 71 kg (depending on configuration), the OKTOPUS® GLASSJack GL-LN 520 is the ideal device for handling glass panes and window elements up to max. 520 kg. The optionally available GS extensions for curved panes also enable the handling of convex or concave curved panes with curvature radii $\geq 1,500$ mm and a maximum weight of 390 kg.

Material to be manipulated

Flat glass, curved glass (concave or convex, bending radius $\geq 1,500$ mm) and window elements

Application data	
Working load limit	flat glasses: 4 suction pads, 400 x 240 mm up to 260 kg; 8 suction pads, 400 x 240 mm up to 520 kg curved glasses: 6 suction pads, 400 x 240 mm up to 390 kg
Weight	basic device depending from configuration, crane arm and no. of suction pads: 39 - 50 kg extension with 2 suction pads: 7 kg fully equipped with 3 different crane arms, 2 extensions and 8 suction pads in transport cart: 95 kg
Suction pads	max. 8 pcs. 400 x 240 mm
Vacuum generation	electrical vacuum pump
Movements suction frame	Rotation: 360°, with snap-in function in 45°-grid, Tilting: 90°, with snap-in function in 22.5°-grid
Power supply	24 V battery system
Operation	manually operated safety valves or radio remote control
Color	RAL 2011 (deep orange), RAL 9006 (white aluminum)
Optional equipment	GS extensions for handling curved panes, incl. suction pads Transport trolley



Subject to change in the interest of technical progress.

D8184_24_Ausg.: 09/24

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