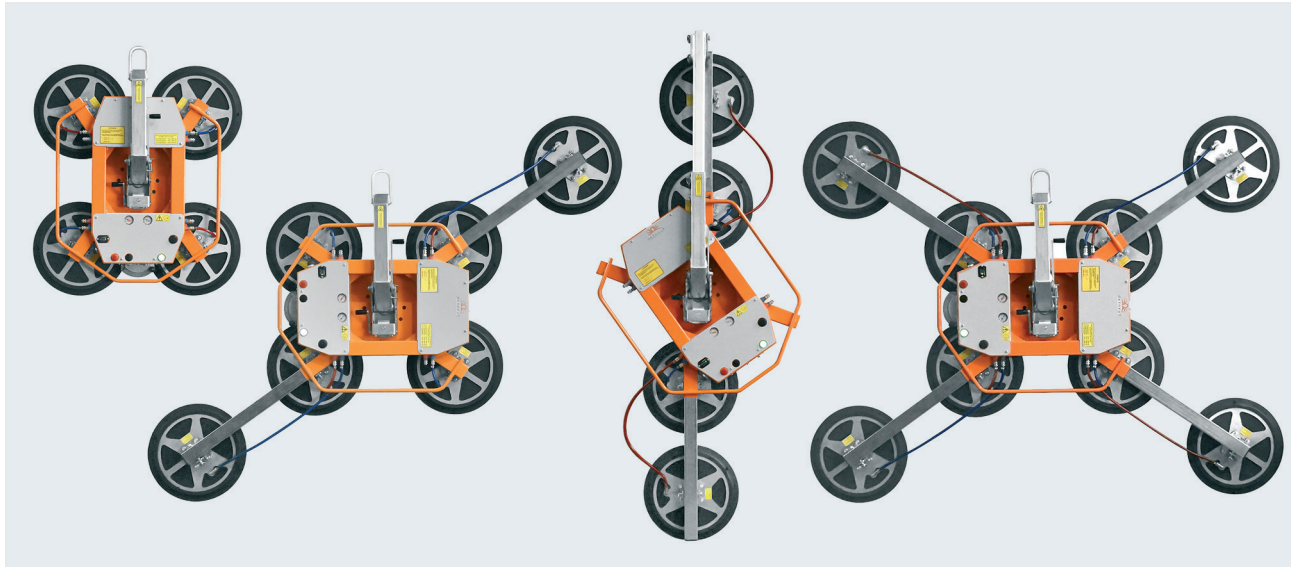


OKTOPUS[®] GLASS-Jack GL-N 800

Handling device with manual rotating and tilting function for use at construction sites



2-circuit system

For construction site use according to DIN EN 13155

Application

With a very low total weight (depending on the equipment) of 60 - 90 kg only, the OKTOPUS[®] GLASS-Jack GL-N 800 is the perfect device for handling glass panes and window elements up to a maximum weight of 800 kg.

The optional available suction pad adapter for curved panes also allows handling convexly or concavely curved panes with bending radii ≥ 1.000 mm and a maximum weight of up to 320 kg.

Technical details

- one device for three load classes (400/600/800 kg)
- increasing the Working Load Limit by mounting additional suction pads (4 pieces: 400 kg, 6 pieces: 600 kg, 8 pieces: 800 kg)
- optionally available adapters for handling curved glasses (max. 320 kg)
- 2 independent vacuum circuits
- each vacuum circuit with 2-fold safety and integrated vacuum reservoir
- integrated measuring devices to monitor vacuum and power supply
- deviations from the nominal condition are indicated by optical and acoustical warning devices
- integrated pressure switch control indicating malfunctions
- off-grid battery powered energy supply (24 V) with high capacity
- energy-self-sufficient indicator for interruptions in energy supply
- pressure switch controlled energy saving function to reduce pump running times and increase operating times of the devices
- extension arms allow handling of large-sized elements as well
- optional length-adjustable crane arm for adapting the device to different construction site conditions and glass dimensions
- optional inclination-adjustable crane eye for optimising the position of the centre of gravity and thus the vertical alignment of the sucked glasses
- swivel movement around the horizontal axis with locking function in 18° increments (optional)
- optionally available blow-off function to facilitate and accelerate the release of a sucked load

	Crane attachment
	For even glass panes
	For curved glass panes
	Tilt 90° with locking function (18°)
	Rotate 360°
	Manual operation
	Control panel at the device / cable remote control
	Radio remote control
	Battery
	Blow-off function
	Adjustable crane arms
	Can be combined with counterweight balancers



OKTOPUS® GLASS-Jack GL-N 800

- optional possibility of connecting a counterweight system with safety query of the position of the counterweights
- compliance with all criteria of DIN EN 13155
- CE mark according to European Machinery Directive 2006/42/EC
- optionally with manually operated valves, cable remote control or radio remote control
- quick couplers for easy connection and disconnection of the suction pads

Hoist

Crane (truck crane, mini crane, truck loading crane etc.)

Materials to be handled

Flat glass, curved glass (convex or concaved, bending radius $\geq 1,0$ m) and window elements

Application data	
Working Load Limit:	flat glasses: 400/600/800 kg (4/6/8 suction pads \varnothing 400 mm) convex/concav curved glasses: 320 kg (14 suction pads \varnothing 200 mm)
Own weight:	for flat glasses: depending on number of suction pads and extension arms: 60 till 90 kg for convex/concave curved glasses: 90 kg
Lifting / Lowering:	by mini crane, truck loader crane, variable reach lift trucks
Movements suction frame	
Rotate:	360°
Tilt:	90°, optional with locking function in 18° increments
Suction pads:	4 / 6 / 8 pcs. Wirth \varnothing 400 mm respectively 14 pcs. Wirth \varnothing 200 mm
Vacuum generation:	vacuum pump
Energy supply:	24 V battery
Operation:	manually operated safety valves / operation tableau at the device with or without cable remote control / radio remote control
Color:	RAL 2011 (deep orange), RAL 9006 (white aluminum)

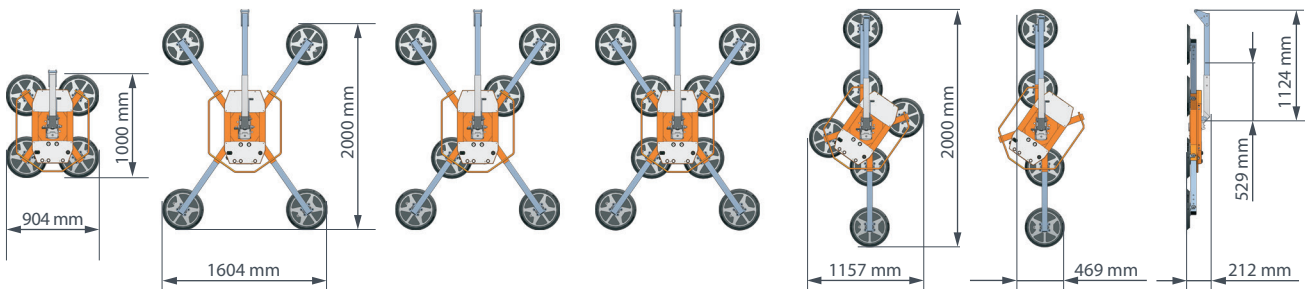


Illustration shows extra equipment.



Subject to change in the interest of technical progress.

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