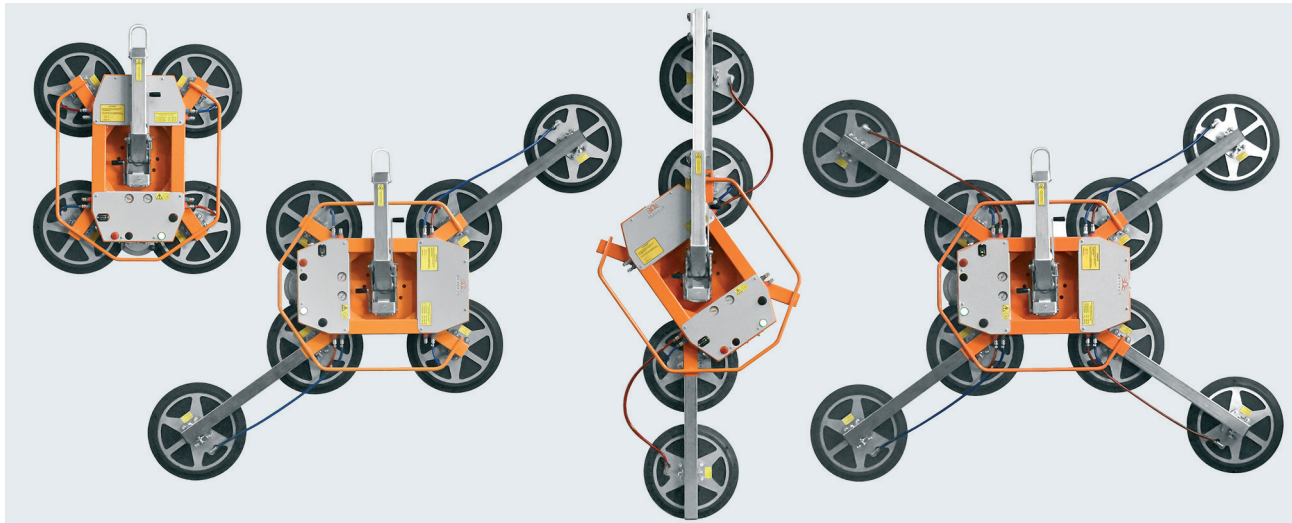


OKTOPUS® GLASS-Jack GL-N 800

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
- optional crane arm with hydraulic lowering cylinder for gentle lowering and step-less tilt adjustment (0° - 90°)
- 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
	manual rotation 360° with locking function
	Tilt 90° with locking function
	Blow-off function
	Adjustable crane arms
	hydraulic lowering cylinder
	Can be combined with counterweight balancers
	Manual operation
	Control panel at the device / cable remote control
	Radio remote control
	Battery



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
- optional transport cart and transport box

Hoist

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

Materials to be handled

Flat glass, curved glass (convex or concave, 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/concave 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: Tilt:	360° 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)

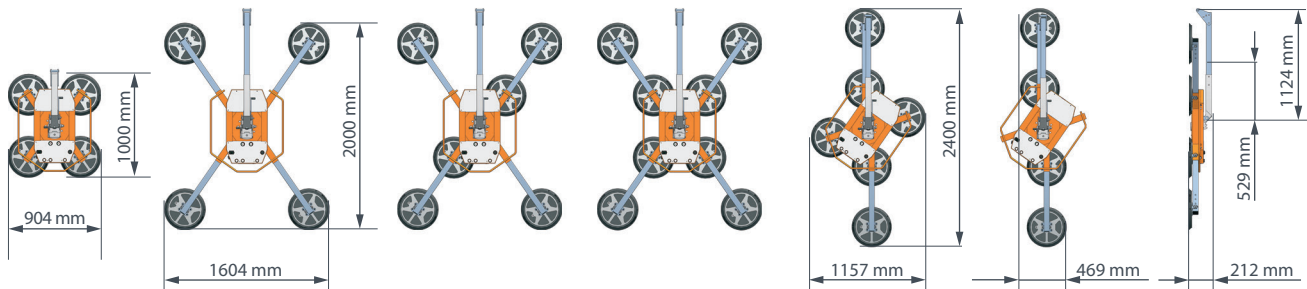


Illustration shows extra equipment.



Subject to change in the interest of technical progress.

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