

OKTOPUS® GLASS-Jack GL-CC 600 DES

Manipulator for handling large sized glass elements in combination with a mini crane or counterbalanced truck / variable reach forklift



2-circuit system

For construction site use according to DIN EN 13155

Use

Handling flat glass panes on construction sites

Hoist

Mini crane, counterbalanced truck, variable reach forklift

Suspension

Exchangeable adapter for the connection with booms of different mini cranes and truck loading cranes, Forklift adapter with integrated powered side shift (+/- 100 mm) and powered telescopic boom (300 mm)

Material to be handled

Flat glass, curved glass (concave or convex, bending radius ≥ 2 m) and window elements

Description

The vacuum based load lifting attachment OKTOPUS® GLASS-Jack GL-CC 600 DES is designed to handle glass panes and window elements at construction sites and with a maximum weight of 600 kg.

It is equipped with a crane adapter to be mounted to a mini crane (provided by the customer). Alternatively the device can be attached to a counterbalanced truck / variable reach forklift by using the fork truck adapter. The suction frame can be tilted hydraulically by 120° and can be endlessly (360°) rotated motor driven as well as swiveled by $\pm 35^\circ$. All functions are operated with the help of a radio remote control. A 24 V DC operated vacuum pump generates the necessary negative pressure in the suction pads.

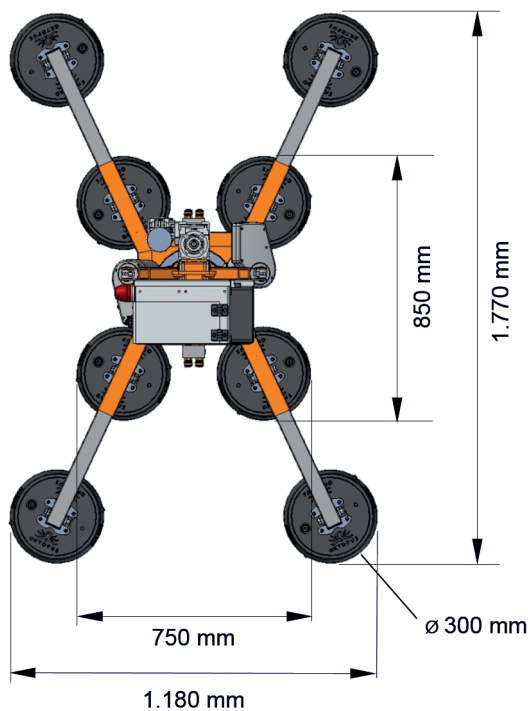
Deviations from the nominal condition are indicated by optical and acoustical warning equipment. Even in the case of complete failure of energy supply, vacuum remains for at least 5 minutes in each suction pad. In that way secure lowering of the load is ensured.



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Application data

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|--------------------------|---|
| Working Load Limit: | Flat glasses: 600 kg (8 suction pads Ø 300 mm at the device) Convex curved glasses: 450 kg (12 suction pads Ø 280 mm at the device) Concave curved glasses: 600 kg (12 suction pads Ø 280 mm at the device) |
| Own weight: | ca. 145 kg with suction frame for flat glass panes 8 pcs. suction pad Ø 300 mm ca. 170 kg with suction frame for curved glass panes 12 pcs. suction pad Ø 280 mm |
| Lifting / Lowering: | by mini crane, counterbalanced truck or telescopic forklift |
| Movements suction frame: | Rotate: 360° Tilt: 0 - 120° Swivel: ±35° |
| Suction pads: | 8 pcs. Wirth Ø 300 mm or 12 pcs. Wirth Ø 280 mm, other pads on request |
| Vacuum generation: | Vacuum pump |
| Energy supply: | Quick exchange battery box, rechargeable battery, 24 V |
| Operation: | Radio remote control |
| Color: | RAL 2011 (deep orange), RAL 9006 (white aluminum) |



Subject to change in the interest of technical progress.

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