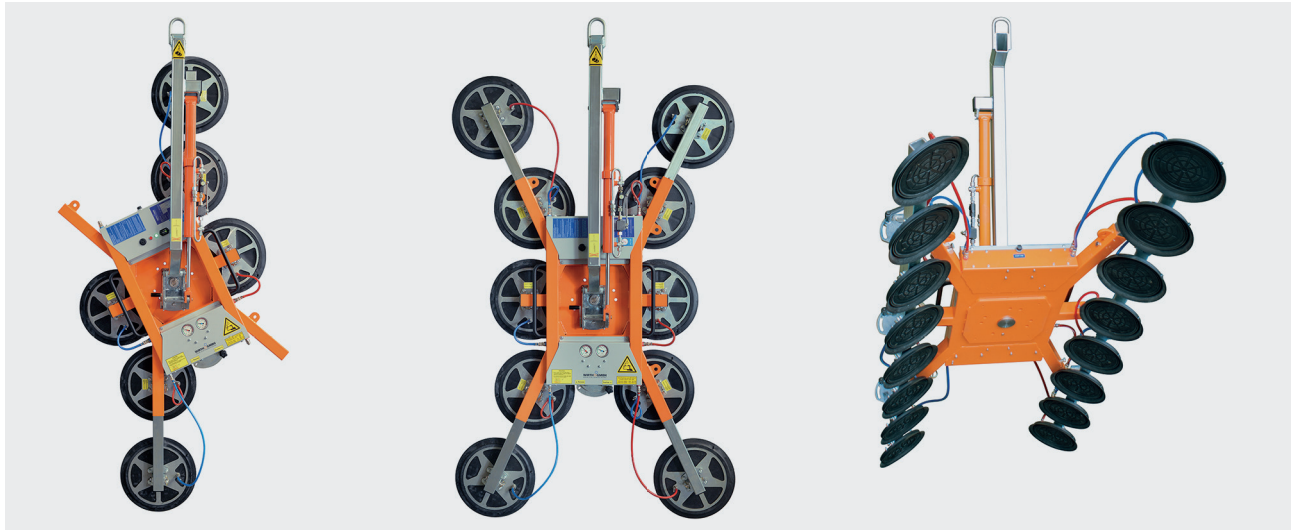


OKTOPUS[®] GLASS-Jack GL-KN 1000

Vacuum lifter for construction site use with manual rotating and tilting function



2-circuit system

for construction site use according to DIN EN 13155

Use

Handling flat glass, concave or convex curved glass panes with bending radius ≥ 2 m (only together with optional available suction pad adapter for curved glass panes) and window elements on construction sites. The suction areas of the elements to be lifted must be air-impermeable, have to have an even and clean surface and must not be covered with protective foil.

Hoist

truck-mounted crane, mini crane

Fastening

at the crane hook













Material to be handled

The suction areas of the elements to be lifted must be air-impermeable, have to have an even and clean surface and must not be covered with protective foil.

Description

Extension arms allow handling large-sized elements up to a maximum weight of 1000 kg. The optional available lowering cylinder allows a smooth and jerkless lowering of the load. The also optional available blow-off function eases and quickens release of the suctioned glass panes.

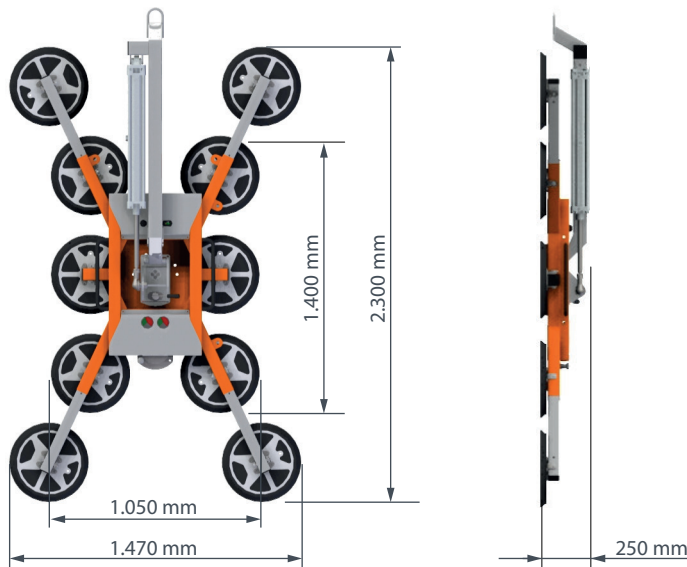
In order to manipulate curved glass panes with the OKTOPUS[®] GLASS-Jack GL-KN 1000 as well, we developed a special suction pad adapter. It allows manipulating convex or concave curved glass panes with a radius of at least 2000 mm. With a total of 16 suction pads the suction pad adapter can securely lift and transport loads of up to 800 kg. The total weight of the OKTOPUS[®] GLASS-Jack GL-KN 1000 with mounted adapter for curved glass panes amounts to 180 kg. Deviations from the nominal condition are indicated by optical and acoustical warning devices. Even in the case of complete energy breakdown the vacuum remains in each suction pad for at least 5 minutes. In this way a secure lowering of the load can be ensured at all times.

	Crane attachment
	Mini crane manipulator
	For even glass panes
	manual rotation 360° with locking function
	manual tilting 0-90° with locking function
	Blow-off function
	hydraulic lowering cylinder
	Can be combined with counterweight balancers
	Control panel at the device / cable remote control
	Radio remote control
	Manual operation
	Battery



OKTOPUS® GLASS-Jack GL-KN 1000

Application data	
Working Load Limit	10 suction pads Ø 400 mm up to 1.000 kg (flat glass panes) 16 suction pads Ø 280 mm up to 800 kg (flat glass panes and curved glass panes)
Weight	depending on the equipment ca. 90 kg - 180 kg
Suction pads	10 pcs. Ø 400 mm and 16 pcs. Ø 280 mm
Vacuum generation	electrical vacuum pump
Operation	operating lever on the device
Vacuum system	dual-circuit system for construction site use
Nominal pressure pneumatic system	-0,65 bar
Power supply	24 V DC battery system
Optional facilities	- crane arm with hydraulic lowering cylinder - blow-off function - cable remote control - radio remote control - preparation of the basic device to operate a counterweight balancer
Optional equipment	- adapter for handling curved glass panes (R => 2.000 mm) - transport cart, large with forklift adapter - transport cart small, two-piece
Movements	Lifting and lowering: by the crane hook Rotating horizontally: in the crane hook, manually 360° Rotation suction frame: manually 360°, lockable every 45° Tilting suction frame: manually 0-90°, optional with locking function in 18° increments



Subject to change in the interest of technical progress.

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Headquarter

Wirth GmbH
Brehnaer Straße 1
D-06188 Landsberg
Phone: +49 (0) 34 602 / 70 88 - 0
Fax: +49 (0) 34 602 / 70 88 - 111

Branch Office South

Wirth GmbH
Nelkenstraße 11
D-88074 Meckenbeuren
Phone: +49 (0) 75 42 / 94 29 - 44
Fax: +49 (0) 75 42 / 94 29 - 46

E-Mail:

oktopus@wirth-gmbh.com
info@wirth-gmbh.com

www.wirth-gmbh.com

WIRTH GMBH
EDGE PROFILES & VACUUM LIFTING TECHNOLOGY



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