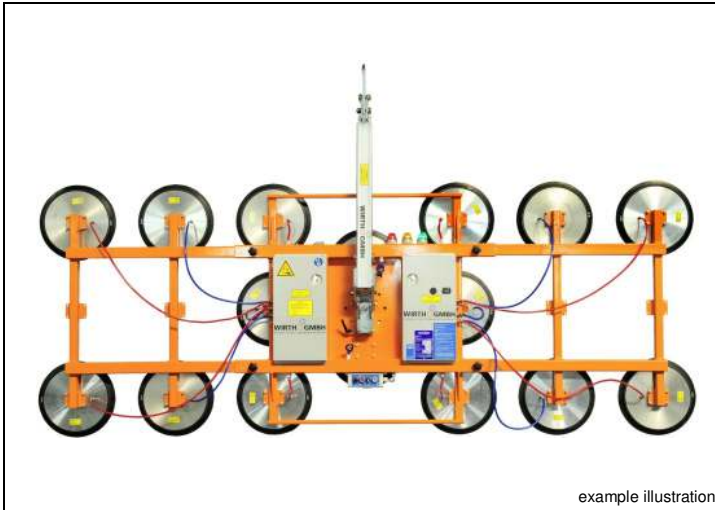


OKTOPUS® GL-KP1400

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



Dual circuit system

For the construction site use according to DIN EN 13155

Field of application

Lifting, transporting and positioning of glass panes and window elements

Hoist

Crane (e.g. truck-mounted crane, tower crane)

Suspension

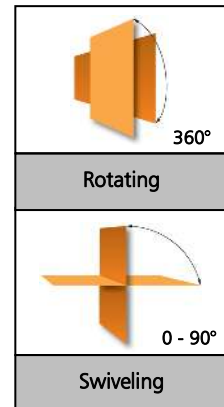
Adjustable crane eyelet at the vacuum unit

Material to be installed

Airtight, clean plates without a protection film, e.g. glass panes

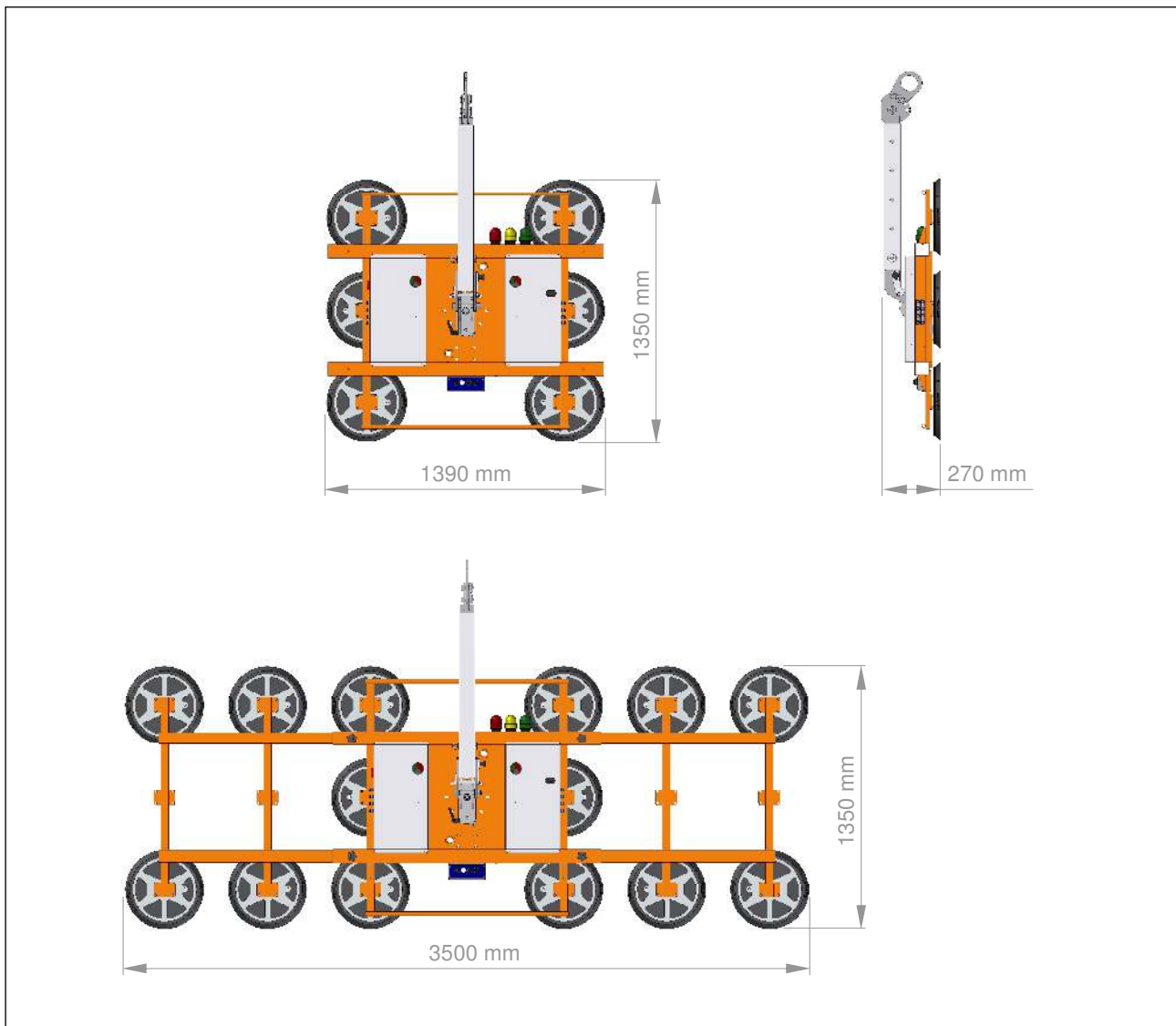
Verbal description

The vacuum based load suspension device OKTOPUS® GL-KP1400 is suitable for handling glass panes and window elements up to a weight of max. 1400 kg at construction sites. The device is equipped with a crane eye and provided to be attached into an existing hoisting device (supplied by the customer). The suction frame rotates 360° and tilts 90° manually. The ergonomically arranged operating and indicating elements encourage a comfortable positioning and moving of the glass. The OKTOPUS® GL-KP1400 is developed as a dual circuit system, which means that all vacuum components like the vacuum pump, the non-return valve, the reserve vacuum, the pressure controller, the vacuum pressure gauge and the suction cups exist twice (dual vacuum circuit system). The two electrical operating vacuum pumps are battery powered. Optical and acoustical signaling devices inform about deviations from the nominal conditions. Even in the case of a complete failure of the energy supply, the vacuum in each suction cup is ensured for more than five minutes for a confident removing of the load.



Application data

Lifting resp. lowering:	by crane hook
Turning horizontal:	by crane hook
Safe working load:	600 kg (6 suction cups $\varnothing 400$ mm) 1400 kg (14 suction cups $\varnothing 400$ mm)
Suction frame:	
Rotating:	manual, 360°
Tilting:	manual, 0 - 90°
Inclination:	--
Swiveling:	--
Turnover:	--
Article no.:	M 08000xxx
Suction cups:	14 pc. $\varnothing 400$ mm, removable extension arms
Vacuum generation:	vacuum pump
Own weight:	approx. 150 kg (basic unit with 6 suction cups $\varnothing 400$ mm) approx. 240 kg (basic unit including extension arms, 14 suction cups $\varnothing 400$ mm)
Power supply:	Rechargeable battery, 24 V
Colour:	RAL 2011 (deep orange), RAL 9006 (white aluminum)



Subject to change.