

OKTOPUS® ERGO-Pick 250

Handling device for the in-plant use with pneumatically rotating and / or tilting function



1-circuit system

For workshop and production according to DIN EN 13155 + DIN EN 13035

Use

Handling on vertical glass storage racks and processing machines

Hoist

E.g. indoor crane, lightweight crane way system, slewing jib cranes

Suspension

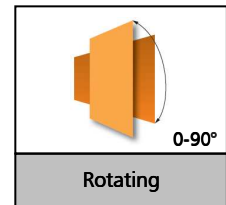
Crane eye at the suction frame

Material to be handled

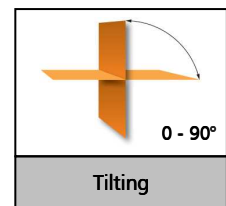
Flat glass and window elements

Verbal description

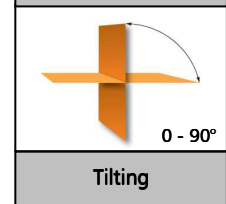
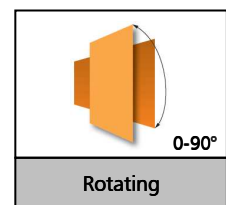
The vacuum based load lifting device OKTOPUS® ERGO-Pick 250 is suitable for the vertical and / or horizontal handling of glass panes and window elements up to a weight of max. 250 kg within closed rooms. The device is equipped with a single trolley (selectable by the customer, Standard: ABUS) and provided to be attached into an existing mono rail jib (supplied by the customer). With the help of the pneumatic cylinder the suction frame can be moved up and down and according to the equipment it can be rotated by 90° or tilted by 90° or it can be rotated by 90° and tilted by 90°. A roller switch, which switches automatically on by glass contact, enables a fast and comfortable suctioning of the load. The ergonomically arranged operation and indication elements facilitate a comfortable positioning and moving of the load. The central vacuum generation (ejector), which works according to the Venturi principle, ensures a high degree of safety. Optical and acoustical signalling devices inform about deviations from the nominal conditions. In case of a sudden air leak, the vacuum is ensured in each suction cup for more than 5 minutes for a confident removing of the load.



or

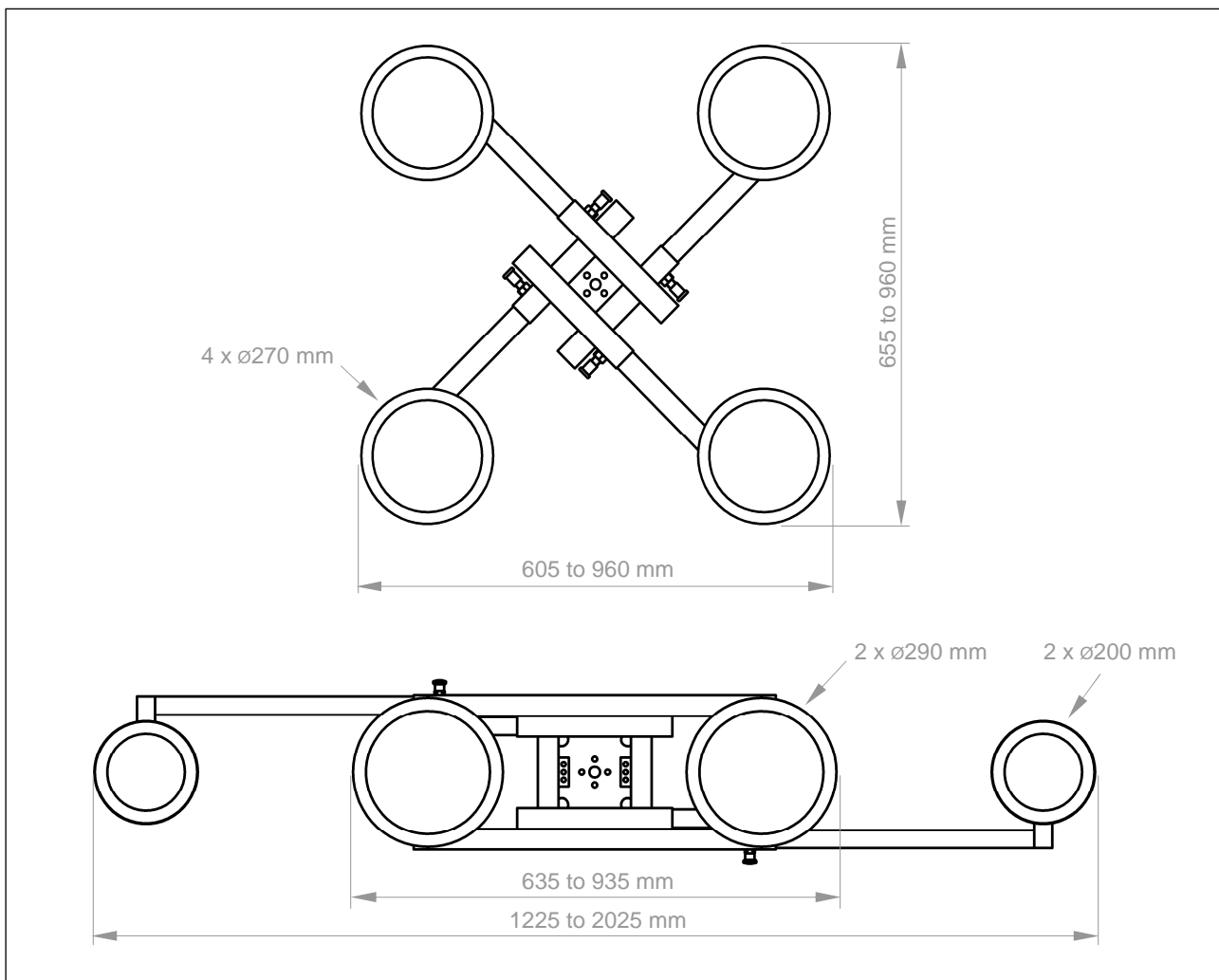


or



Application data

Lifting/lowering:	By pneumatic cylinder (standard 1200 mm, other lengths upon request)
Turning horizontal:	manual 360° in the trolley adapter
Safe Working Load:	200 kg (2 suction cups ø290mm) 250 kg (2 suction cups ø290mm and 2 suction cups ø200mm or 4 suction cups ø270mm)
Suction frame:	
Rotating:	pneumatically, 0 - 90° (ERGO-Pick 250 D R 600 S TA CA EZ + ERGO-Pick 250 DS R 600 S TA CA EZ)
Tilting:	pneumatically, 0 - 90° (ERGO-Pick 250 S R 600 S TA CA EZ + ERGO-Pick 250 DS R 600 S TA CA EZ)
Inclination:	--
Swivelling:	--
Turn over:	--
Suction cups:	2 pc. ø290 mm and 2 pc. ø200 mm or 4 pc. ø270 mm
Vacuum generation:	ejector (centrally)
Own weight:	approx. 65 to 80 kg
Power supply:	
Compressed air-connection:	6 to 9 bar
consumption:	approx. 125 to 140 l/min
Connected- load:	not applicable
consumption:	not applicable
Colour:	RAL 2011 (Deep orange), RAL 9006 (White aluminium)



Subject to change.