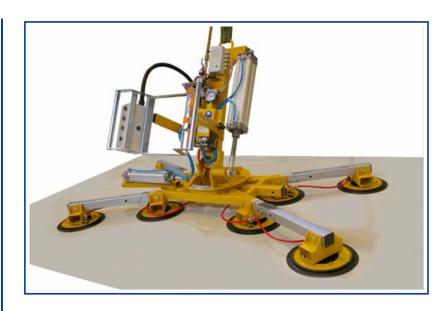


Manipulation Device 7025-MDS4/E

1-circuit vacuum lifting device according to EN 13155





vertical horizontal turning through 90° tilting through 90°

Description

- 1 circuit vacuum system
- the vacuum circuit has a vacuum tank with non-return valve, vacuum switch and control vacuum meter
- completely closed vacuum circuit prevents loss of vacuum at compressed air failure
- · power failure monitoring system
- · acoustic signal
 - reports insufficient vacuum/drop in air pressure
- all suction cups lockable individually
- extendable at maximum by 4 extensions
- stepless turning through 90° with pneumatic cylinder
- stepless tilting through 90° with pneumatic cylinder
- length adjustable operating handle
- holder for crane switch

Vacuum generation

- via built-in suction jet (Venturi) for operation at least 6 bars compressed air are necessary
- · optional air pressure switching
- optional quick-release function

Operation

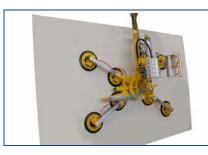
ON/OFF directly at the device
 SUCTION via a touch valve
 RELEASE via two touch valves
 TURNING via two touch valves
 TILTING via two touch valves

Suspension: crane eye at the carrying frame

1/4

Load capacity: 350 kg / 500 kg
Colour: yellow / partly zinked

suitable for lifting		
material properties	gas-tight gas-tight	
surface	smooth	
e. g.	glass panes, sealed units, window and curtain walling elements, plastic and ceramic plates, coated boards	
suction cup type	488-K	388
diameter in action approx. mm	350	300
quality of suction cups	rubber red	black rubber
	abrasion possible	abrasion possible
	up to 80° C heat resistant	up to 80° C heat resistant
	from 3 mm glass thickness	from 4 mm glass thickness
number of suction cups	4	4
safe working load		
on smooth and clean surface		
at 60 % vacuum		
in-company kg	500	350
outer distance of the suction cups		
approx. mm	970 x 710	920 x 660
with 2 extensions approx. mm	2050 x 710	2000 x 600
with 4 extensions approx. mm	1850 x 1210	1800 x 1160
dead weight approx. kg		
air pressure connection	9 mm	
Item No.: 7025-MDS4/E	488	388
Accessories on request		
Item No.: OPT-DLSpar	air pressure saving switching – saves approx. 50% of the air pressure consumption	
Item No.: OPT-SLF	quick-release function – with full pressure supply	
Item No.: OPT-388TR	device equipped with : mark-free suction cups for coated glass	
Item No.: OPT-388K	device equipped with : softer suction cup for thinner glass	
Item No.: 7003-ASH5075	spacer for suction cup holder - 50 mm or 75 mm more distance	
Item No.: 7003-MD4-2	set extensions (lengthwise – 2 pieces)	
Item No.: 7003-MD4-4	set extensions (diagonal – 4 pieces)	



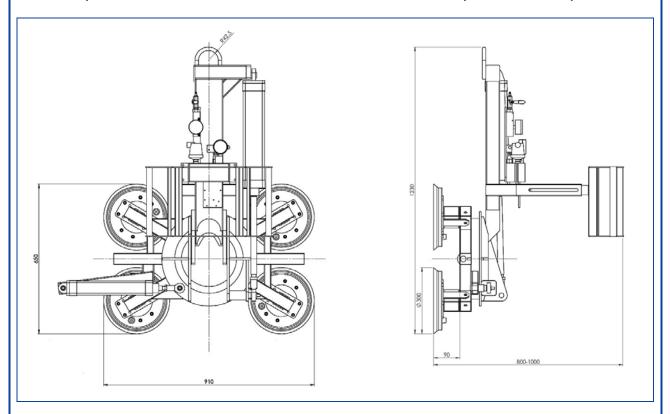




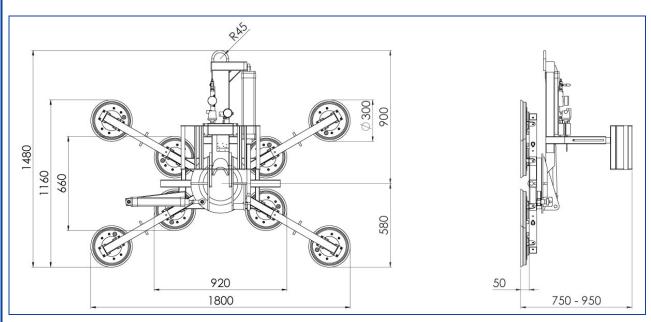
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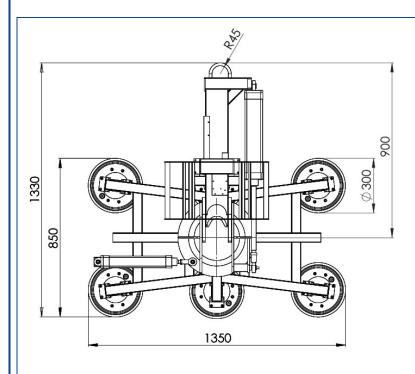
Manipulation Device 7025-MDS4/E with suction cups 388 and spacers

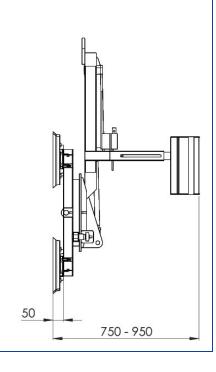


Manipulation Device 7025-MDS4/E with suction cups 388



Manipulation Device 7025-MDS4/E in a custom version









Do you want to learn more?

Use the QR code for the video and you will also learn more about the device.

Or click on the picture.





Do you want to learn more?

Use the QR code to see more operation photos and learn about the device.

Or click on the picture.

The vacuum lifter 7025-MSD4/E in operation in window production.