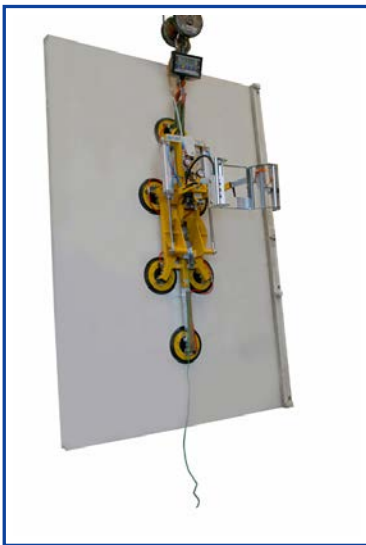
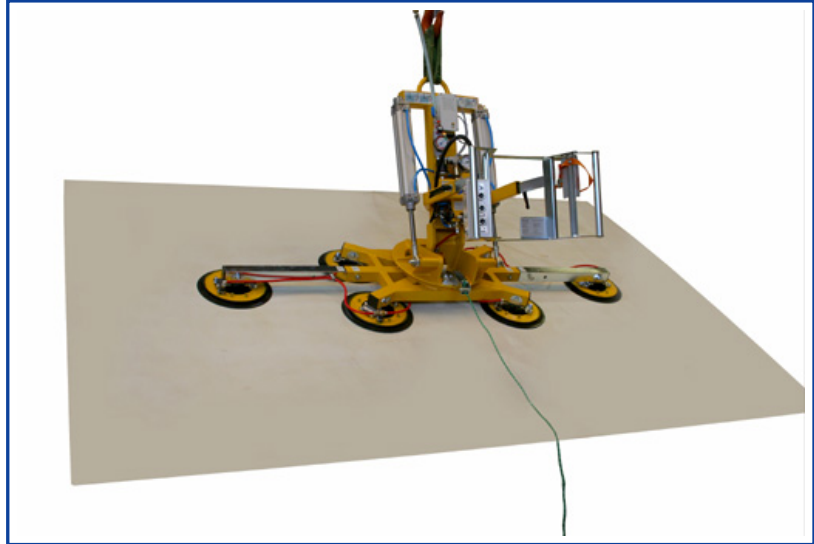






Manipulation Device 7025-MDmS4/E

1-circuit vacuum lifting
device according to
EN 13155



	vertical
	horizontal
	turning through +/- 360°
	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
- turning device with roller bearings and locking every 90°
- 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 tackle
- TILTING via two touch valves

Suspension: crane eye at the carrying frame

Load capacity : 350 kg / 400 kg

Colour: yellow / partly zinked

suitable for lifting			
material properties	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	540
diameter in action approx. mm	350	300	200
quality of suction cups	rubber red abrasion possible up to 80° C heat resistant from 3 mm glass thickness	black rubber abrasion possible up to 80° C heat resistant from 4 mm glass thickness	black rubber abrasion possible up to 80° C heat resistant from 3 mm glass thickness
number of suction cups	4	4	6
safe working load on smooth and clean surface at 60 % vacuum in-company kg	500	350	240
outer distance of the suction cups approx. mm with 2 extensions approx. mm with 4 extensions approx. mm	970 x 710 2050 x 710 1850 x 1210	920 x 660 2000 x 600 1800 x 1160	840 x 570 2180 x 570
dead weight approx. kg			
air pressure connection	9 mm		
Item No.: 7025-MDmS4/E...	488	388	540
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.: OPT-540TR	device equipped with : mark-free suction cups for coated glass		
Item No.: OPT-540K	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)		

