





## Manipulation Device 7025-MDmS4-2/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
- single-row layout of the suction cups
- distance of suction cups can be adjusted
- suction cup lockable
- 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

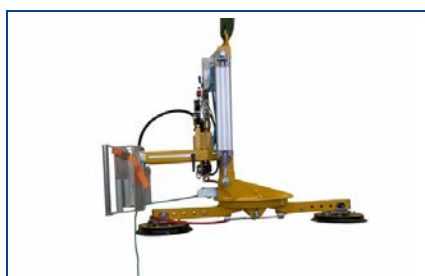
- via built-in suction jet (Venturi)  
for operation at least 6 bars compressed air are necessary
- optional air pressure switching
- optional quick-release function

### Operation

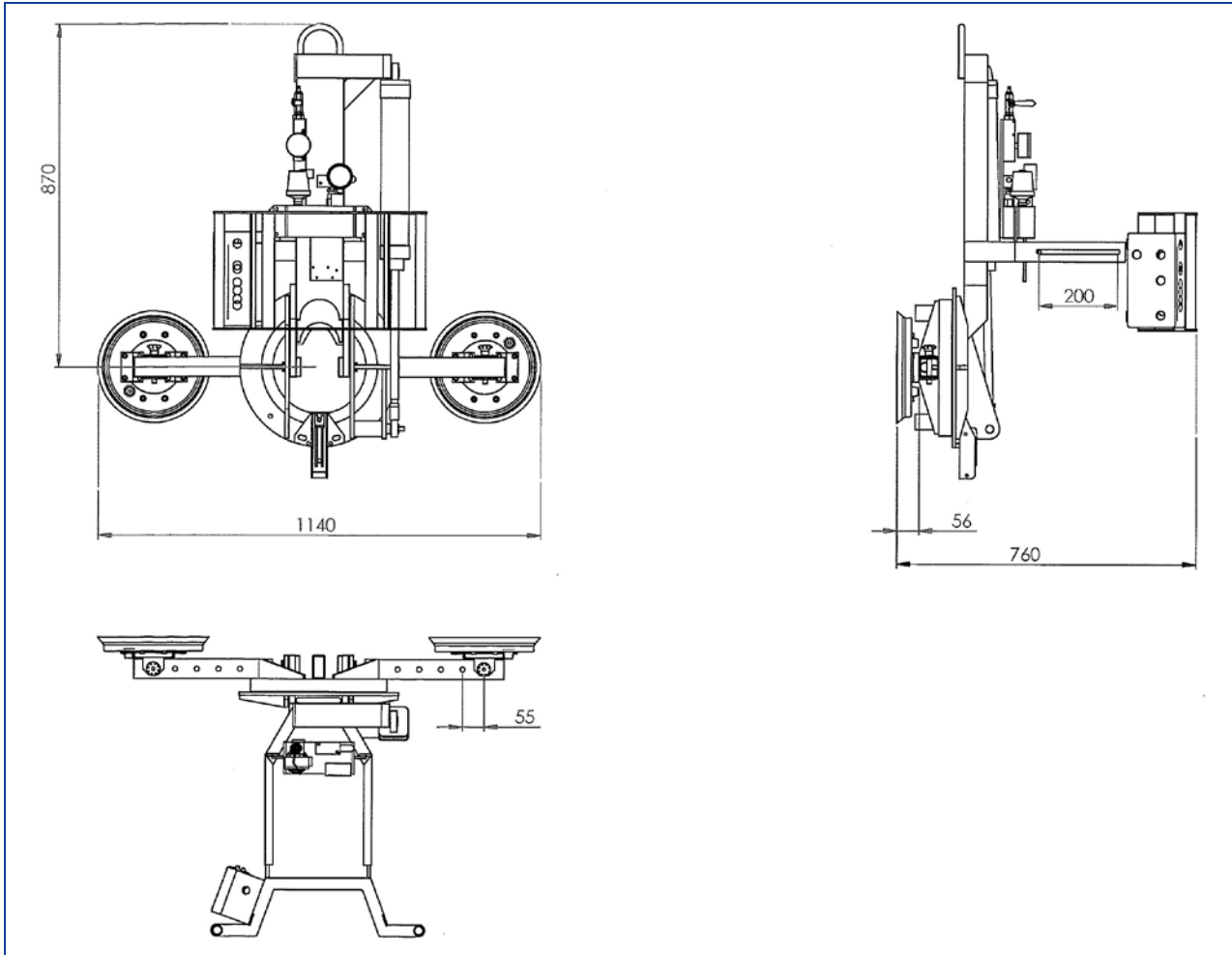
- |           |                        |
|-----------|------------------------|
| • ON/OFF  | directly at the device |
| • SUCTION | via a touch valve      |
| • RELEASE | via two touch valves   |
| • TURNING | tackle                 |
| • TILTING | via two touch valves   |

**Suspension:** crane eye at the carrying frame  
**Load capacity :** **200kg/250kg**  
**Colour:** yellow / partly zinked

<b>suitable for lifting</b>		
material properties	gas-tight	
surface	smooth	
e. g.	glass panes, sealed units, window and curtain walling elements, plastic and ceramic plates, coated boards	
<b>suction cup type</b>	<b>488-K</b>	<b>388</b>
<b>diameter</b> in action approx. mm	350	300
<b>quality of suction cups</b>	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
<b>number of suction cups</b>	2	2
<b>safe working load</b> on smooth and clean surface at 60 % vacuum <b>in-company</b> kg	250	200
<b>outer distance of the suction cups</b>  min approx. mm max. approx. mm min. with enlargement set approx. mm max. with enlargement set approx. mm	750 x 350 1190 x 350 750 x 680 1080 x 680	700 x 300 1140 x 300 750 x 680 1080 x 680
<b>dead weight</b> approx. kg		
<b>air pressure connection</b>	9 mm	
<b>Item No.: 7025-MDmS4-2/E...</b>	<b>488</b>	<b>388</b>
<b>Accessories on request</b>		
<b>Item No.: OPT-DLSpar</b>	air pressure saving switching – saves approx. 50% of the air pressure consumption	
<b>Item No.: OPT-SLF</b>	quick-release function – with full pressure supply	
<b>Item No.: OPT-388TR</b>	device equipped with : mark-free suction cups for coated glass	
<b>Item No.: OPT-388K</b>	device equipped with : softer suction cup for thinner glass	
<b>Item No.: 7003-ASH5075</b>	spacer for suction cup holder - 50 mm or 75 mm more distance	
<b>Item No.: 7003-VB4-2</b>	enlargement set (2 pieces)	



## Manipulation Device 7025-MDmS4-2/E with suction cups 388



**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.**

**Vacuum lifter 7025-MDmS4-2/E  
in use at the car production.**

## Manipulation Device 7025-MDmS4-2/E with suction cup 388 and enlargement set 7003-VB4-2

