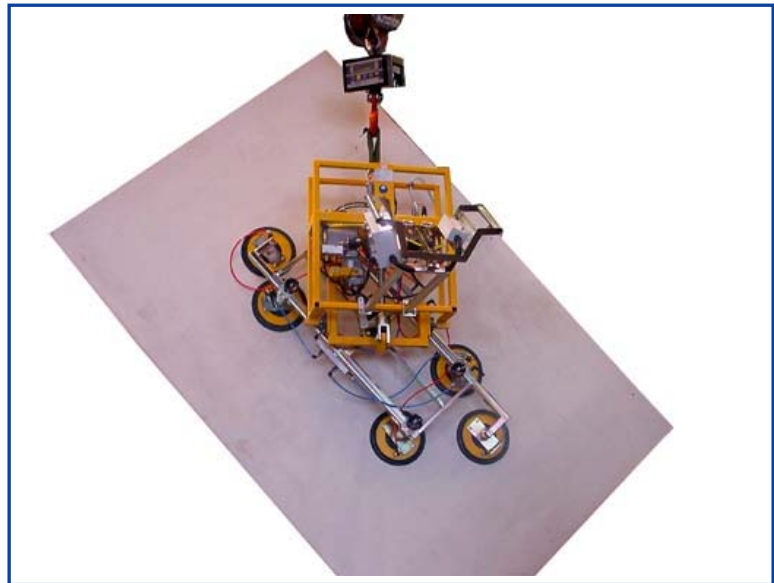
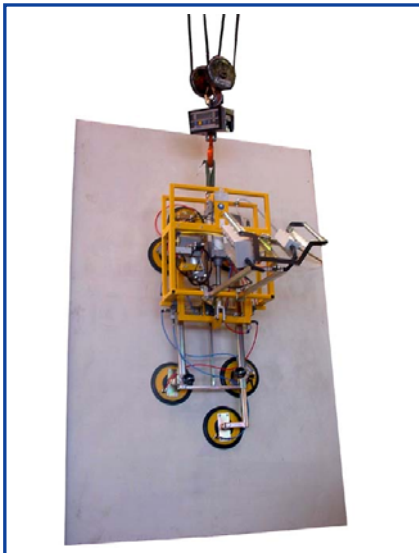


## Manipulation Device 7225-MDS<sub>t</sub>

**2-circuit vacuum lifting  
device according to  
EN 13155**



**special device for rationalization of the production flow**  
**pneumatic turning through 90 degrees**  
**pneumatic tilting through 90 degrees**  
**integrated crane control**

### Description

- **increased safety via 2 independent vacuum circuits**
- **according to EN 13155 & prEN 13035-1**
- each vacuum circuit has a vacuum tank with nonreturn valve, vacuum switch and control vacuum meter
- **2 completely closed vacuum circuits**  
prevent loss of vacuum at power failure
- **power failure monitoring system**
- multiple row arrangement of suction cups
- suction cups fixed with movable suspension directly on the frame
- distance of suction cups can be adjusted
- stepless turning through 90 degrees  
via pneumatic cylinder
- stepless tilting through 90 degrees  
via pneumatic cylinder
- guide handles
- holder for crane switch

### Vacuum Generation

- via built-in suction jet (Venturi)  
for operation at least 6 bars compressed air are necessary

### Control Means

- compressed air  
ON/OFF directly at the device
- SUCTION via a touch valve
- RELEASE via two touch valves
- turning right/left via a touch valve for each
- tilting horizontal/vertical via a touch valve for each

### Suspension:





adjustable crane eye  
at the carrying frame  
with weight counterbalance element

### Safe Working Load:

350 kg

### Colour:

yellow / partly zinked

	vertical
	horizontal
	tilting through 90 degrees
	tilting through 90 degrees

<b>suitable for lifting</b>			
material properties	gastight		
surface	smooth		
e. g.	glass panes, sealed units, plastic and ceramic plates, coated boards		
<b>suction cup type</b>	<b>540</b>	<b>388</b>	<b>540</b>
<b>diameter</b> in action approx. mm	200	300	200
<b>suction cup quality</b>	rubber black abrasion possible upto 100° heat resistance		
<b>size of carrying frame</b> approx. mm	700 x 700	700 x 700	1100 x 1400
<b>number of suction cups</b>	6	4	9
<b>safe working load</b> on smooth and clean surface at 60 % vacuum kg	240	350	240
<b>dead weight</b> approx. kg			
<b>air pressure connection</b>	9 mm		
<b>item-no.: 7225-MDSt...</b>	6-0920	4-0910	9-0920
<b>other frame sizes</b>	on request		

#### Accessories on request

<b>item-no.: 7003-V/MDS</b>	set extensions (left / right)
<b>item-no.: 388-SCHUTZ</b>	protection cap for suction cup 388
<b>item-no.: 540-SCHUTZ</b>	protection cap for suction cup 540

