

## Venturi Device 7005-H3/E

1-circuit vacuum lifting  
device according to  
EN 13155



### Description

- **1-circuit vacuum system**
- the vacuum circuit has a vacuum tank with nonreturn 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  
report vacuum exceeded / air pressure drop

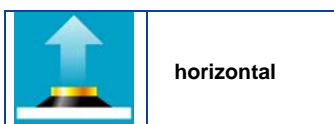
### Vacuum Generation

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

### Operation

- ON/OFF directly at the device
- SUCTION / RELEASE via a manual slide rod valve with locking in the SUCTION position

**Suspension:** crane eye at the carrying frame  
**Load capacity :** 80 kg - 300 kg  
**Colour:** yellow / partly zinked



horizontal

<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>540</b>	<b>388</b>	<b>542-25</b>
<b>number of suction cups</b>	<b>3</b>		
<b>diameter</b> in action approx. mm	200	300	240
<b>quality of suction cups</b>	black rubber 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	rubber, grey abrasion possible up to 180° C heat resistant from 20 mm glass thickness
<b>safe working load</b> on smooth and clean surface at 60 % vacuum			
<b>in-company</b> kg	120	300	300
<b>dead weight</b> approx. kg			
<b>air pressure connection</b>	9 mm		
<b>Item No.: 7005-H3/E...</b>	<b>200</b>	<b>300</b>	<b>240</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.: 540-SCHUTZ</b>	protection cap for suction cup 540		
<b>Item No.: 388-SCHUTZ</b>	protection cap for suction cup 388		
<b>Item No.: 488-SCHUTZ</b>	protection cap for suction cup 488		
<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		

