

## Type series U400

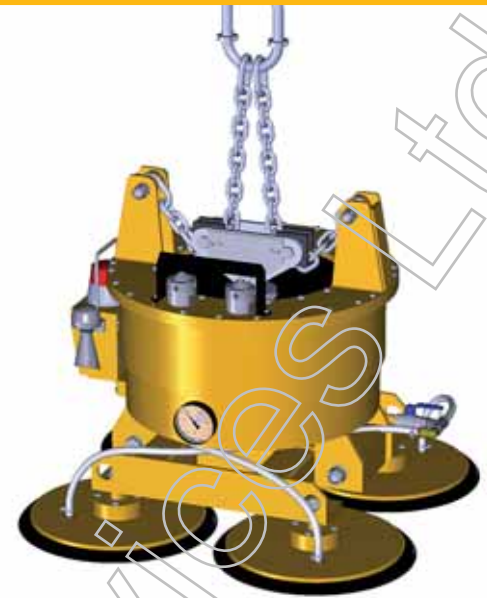
For horizontal transport of smooth, non porous loads

- > energy independent
- > automatic mode
- > plug & play, immediately ready for operation
- > standard and individual solutions for different loads and sensitive surfaces

> lifting capacities of up to 4,000 kg

### Further advantages

- > simply controlled for e.g. by crane control
- > low maintenance and easy to service
- > increased safety with optical-acoustical safety unit accordingly DIN EN 13155
- > for indoor and outdoor use
- > made in Germany
- > well engineered devices with more than 40 years of experience, we are the inventor



### Basic unit

Each specific type of this system has the same basic unit.

The customized devices are equipped with different beams, suction pads and with high quality sealing rings, which are exchangeable. If required oil or heat resistant sealing rings are also available.

### Examples



Picture 1



Picture 2



Picture 3



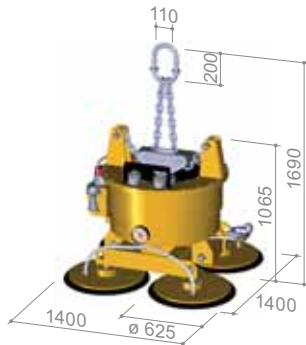
Picture 4



Picture 5

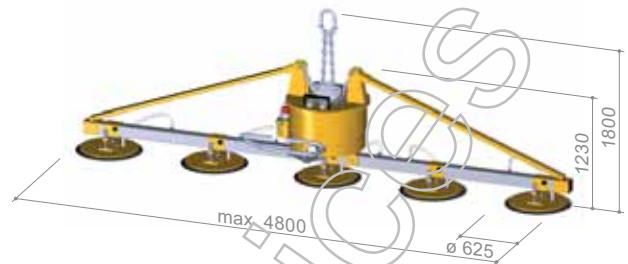
## Type series U400

### Multi pad device type U400-4Q



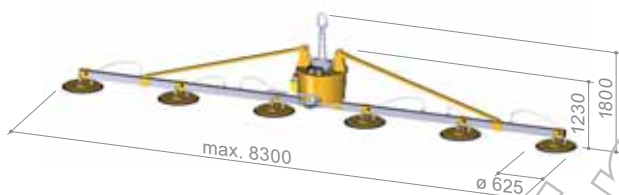
- |                        |          |                             |                  |
|------------------------|----------|-----------------------------|------------------|
| > Lifting capacity     | 4,000 kg | > Maximum size of the load* | 3,000 x 2,000 mm |
| > Minimum load         | 120 kg   | > Minimum size of the load  | 2,000 x 650 mm   |
| > Dead weight          | 400 kg   | > 2 suction pads diagonal   |                  |
| > Size of suction pads | U1000    | > switchable by lever valve |                  |

### Multi pad device type U400-5



- |                        |          |                             |                  |
|------------------------|----------|-----------------------------|------------------|
| > Lifting capacity     | 4,000 kg | > Maximum size of the load* | 6,000 x 2,000 mm |
| > Minimum load         | 90 kg    | > Minimum size of the load  | 3,165 x 625 mm   |
| > Dead weight          | 870 kg   | > Outer 4 suction pads      |                  |
| > Size of suction pads | U1000    | > slidable                  |                  |
| > Height compensation  | 50 mm    |                             |                  |

### Multi pad device type U400-6



- |                        |          |                             |                   |
|------------------------|----------|-----------------------------|-------------------|
| > Lifting capacity     | 4,000 kg | > Maximum size of the load* | 10,000 x 2,000 mm |
| > Minimum load         | 90 kg    | > Minimum size of the load  | 2,530 x 625 mm    |
| > Dead weight          | 1,000 kg | > Suction pads              |                   |
| > Size of suction pads | U1000    | > slidable                  |                   |
| > Height compensation  | 50 mm    | > Outer suction pads        |                   |
|                        |          | > switchable by lever valve |                   |

### Multi pad device type U400-10



- |                               |          |                             |                  |
|-------------------------------|----------|-----------------------------|------------------|
| > Lifting capacity            | 4,000 kg | > Maximum size of the load* | 6,200 x 2,500 mm |
| > Minimum load                | 100 kg   | > Minimum size of the load  | 1,460 x 970 mm   |
| > Dead weight                 | 1,250 kg | > Outer 4 cross beams       |                  |
| > Size of suction pads        | U500     | > and all suction pads      |                  |
| > Height compensation         | 50 mm    | > slidable                  |                  |
| > Outer pairs of suction pads |          |                             |                  |
| > switchable by lever valve   |          |                             |                  |

\*Important for the maximum load dimension is, that there is no bending of the load during the transport. The above-mentioned specifications refer to 2 mm steel sheets, depending on the material and thickness they can change.

The shown possibilities of device configurations are only exemplary. Customized or load specific variations are of course available. As an option for the transport of smaller loads it is for e.g. possible, to switch off individual suction pads of a multipad device.

**Easy Solutions For Heavy Loads.**

VACU-LIFT  
Maschinenbau GmbH

D-48282 Emsdetten  
Kuhlmannstraße 12

Tel. +49(0)25 72-93 73-0  
Fax +49(0)25 72-93 73-73

www.vaculift.de  
info@vaculift.de

**VACU LIFT**  
Vacuum Transport Systems