

## Type series U02

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 300 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

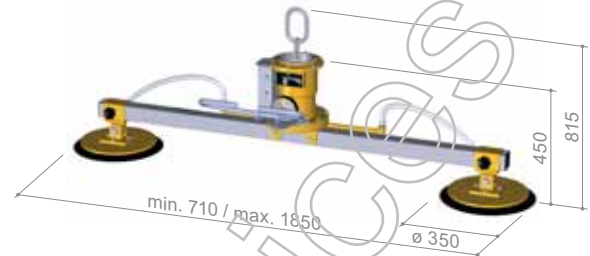
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### Single pad device type U02-E



- |                    |        |                             |
|--------------------|--------|-----------------------------|
| > Lifting capacity | 270 kg | > Maximum size of the load* |
| > Minimum load     | 10 kg  | > 2,000 x 1,000 mm          |
| > Dead weight      | 25 kg  | > Minimum size of the load  |
| > Sealing ring     | U255   | > 350 x 350 mm              |

### Multi pad device type U02-2



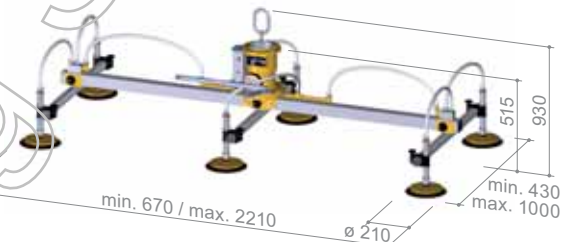
- |                        |        |                             |
|------------------------|--------|-----------------------------|
| > Lifting capacity     | 300 kg | > Maximum size of the load* |
| > Minimum load         | 5 kg   | > 3,000 x 1,500 mm          |
| > Dead weight          | 67 kg  | > Minimum size of the load  |
| > Size of suction pads | U255   | > 710 x 350 mm              |
|                        |        | > Suction pads slidable     |

### Multi pad device type U02-4



- |   |        |  |
|---|--------|--|
| > Lifting capacity                            | 300 kg | > Maximum size of the load*                    |
| > Minimum load                                | 5 kg   | > 3,000 x 1,500 mm                             |
| > Dead weight                                 | 75 kg  | > Minimum size of the load                     |
| > Size of suction pads                        | U125   | > 510 x 250 mm                                 |
| > Height compensation by swinging subcarriers | 50 mm  | > Subcarriers and suction pads slidable        |
|   |        | > Outer suction pads switchable by lever valve |

### Multi pad device type U02-6



- |                        |        |   |
|------------------------|--------|---|
| > Lifting capacity     | 270 kg | > Maximum size of the load*                       |
| > Minimum load         | 5 kg   | > 3,000 x 1,500 mm                                |
| > Dead weight          | 86 kg  | > Minimum size of the load                        |
| > Size of suction pads | U100   | > 670 x 430 mm                                    |
| > Height compensation  | 50 mm  | > Outer cross beams and all suction pads slidable |

\*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.**

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