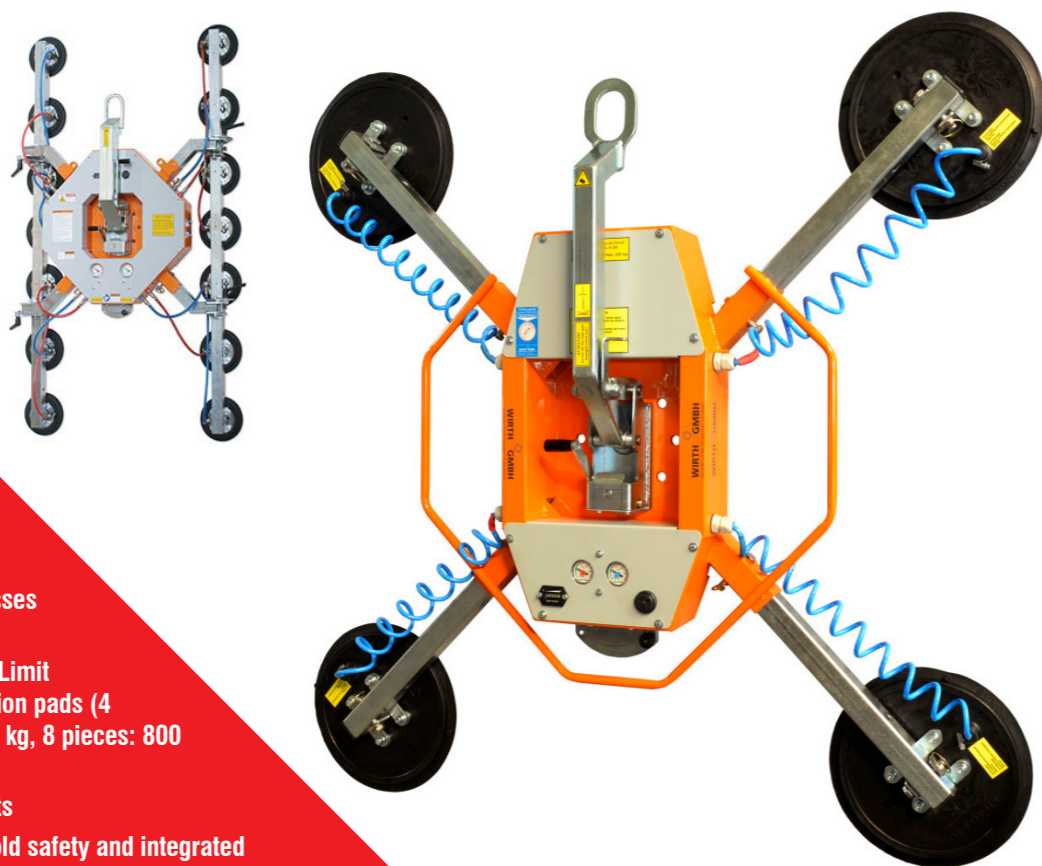


# LIFT

# LIFT GL-RN 400/600/800



With a very low total weight (depending on the equipment) of 55 - 80 kg only, the LIFT GL-RN 400/600/800 is the perfect device for handling glass panes and window elements up to a maximum weight of 800 kg. The optional available suction pad adapter for curved panes also allows handling convexly or concavely curved panes with bending radii  $\geq 1000$  mm and a maximum weight of up to 320 kg. The suction areas of the elements to be lifted have to be air-impermeable, have to have a clean surface and must not be covered with protective foil



## TECHNICAL DETAILS

- one device for three load classes (400/600/800 kg)
- increasing the Working Load Limit by mounting additional suction pads (4 pieces: 400 kg, 6 pieces: 600 kg, 8 pieces: 800 kg)
- 2 independent vacuum circuits
- each vacuum circuit with 2-fold safety and integrated vacuum reservoir integrated measuring devices to monitor vacuum and power supply
- deviations from the nominal condition are indicated by optical and acoustical warning devices
- integrated pressure switch control indicating malfunctions
- off-grid battery powered energy supply (24 V) with high capacity
- energy-self-sufficient indicator for interruptions in energy supply
- pressure switch controlled energy saving function to reduce pump running times and increase operating times of the devices
- extension arms allow handling of large-sized elements as well compliance with all criteria of DIN EN 13155
- CE mark according to European Machinery Directive 2006/42/EC
- optional with manually operated valves, cable remote control or radio remote control



By mounting additional suction pads and extension arms the Working Load Limit of the LIFT GL-RN 400/600/800 can be increased from 400kg to 600kg up to maximum 800kg.

## 400kg

### Field of application

Lifting and transporting of glass elements up to 400 kg (4 suction pads) or 300 kg respectively (with guide ring)

Own weight: depending on equipment as of 55 - 60kg

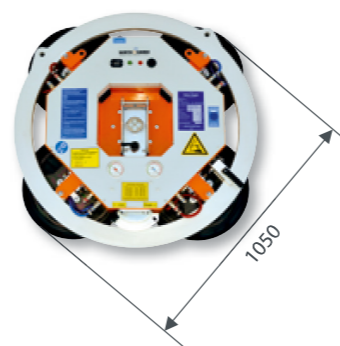
Equipped with crane arm: manual turning by 360°, in the 45°-grid lockable, manual tilting by 90°

Equipped with ring: manual turning by 360°  
Increased SWL: 600/800 kg (6/8 suction pads)

### Description

- 2 independent vacuum circuits
- each vacuum circuit with a 2-fold safety and integrated vacuum reservoir
- integrated vacuum gauges and charge meter to monitor the vacuum function and energy supply
- visual and acoustic warning facilities signal deviation of the set condition
- powered by a rechargeable high capacity battery system (24 V)
- extension arms allow the handling of even large sized elements

The extremely low profile of the LIFT GL-RN400 (overall height only 140 mm) facilitates the installation of glass elements or cladding panels by crane in the in general only 30 cm (approx. 12") wide interstice between the building front and the scaffold in front of it. The LIFT GL-RN400 is the universal device for the construction site. It fulfils the requirements of the EN 13155.



## 600kg

### Field of application

Lifting and transporting of glass elements up to 600 kg (6 suction pads) or 300 kg respectively (with guide ring)

Own weight: depending on equipment as of 55 - 70 kg

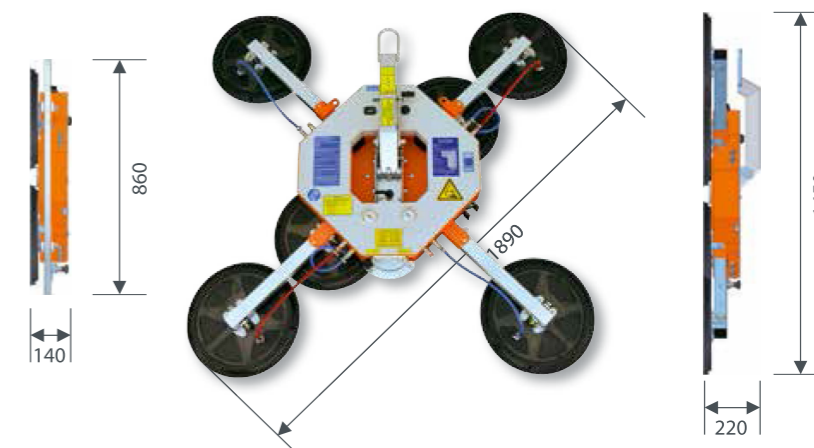
Equipped with crane arm: manual turning by 360°, in the 45°-grid lockable, manual tilting by 90°

Equipped with ring: manual turning by 360°  
Increased SWL: 800 kg (8 suction pads)

### Description

- 2 independent vacuum circuits
- each vacuum circuit with a 2-fold safety and integrated vacuum reservoir
- integrated vacuum gauges and charge meter to monitor the vacuum function and energy supply
- visual and acoustic warning facilities signal deviation of the set condition
- powered by a rechargeable high capacity battery system (24 V)
- extension arms allow the handling of even large sized elements

The extremely low profile of the LIFT GL-RN600 (overall height only 140 mm) facilitates the installation of glass elements or cladding panels by crane in the in general only 30 cm (approx. 12") wide interstice between the building front and the scaffold in front of it. The LIFT GL-RN600 is the universal device for the construction site. It fulfils the requirements of the EN 13155.



## 800kg

### Field of application

Lifting and transporting of glass elements up to 800 kg (8 suction pads) or 300 kg respectively (with guide ring)

Own weight: depending on equipment as of 55 - 80 kg

Equipped with crane arm: manual turning by 360°, in the 45°-grid lockable, manual tilting by 90°

Equipped with ring: manual turning by 360°

### Description

- 2 independent vacuum circuits
- each vacuum circuit with a 2-fold safety and integrated vacuum reservoir
- integrated vacuum gauges and charge meter to monitor the vacuum function and energy supply
- visual and acoustic warning facilities signal deviation of the set condition
- powered by a rechargeable high capacity battery system (24 V)
- extension arms allow the handling of even large sized elements

The extremely low profile of the LIFT GL-RN800 (overall height only 140 mm) facilitates the installation of glass elements or cladding panels by crane in the in general only 30 cm (approx. 12") wide interstice between the building front and the scaffold in front of it. The LIFT GL-RN800 is the universal device for the construction site. It fulfils the requirements of the EN 13155.