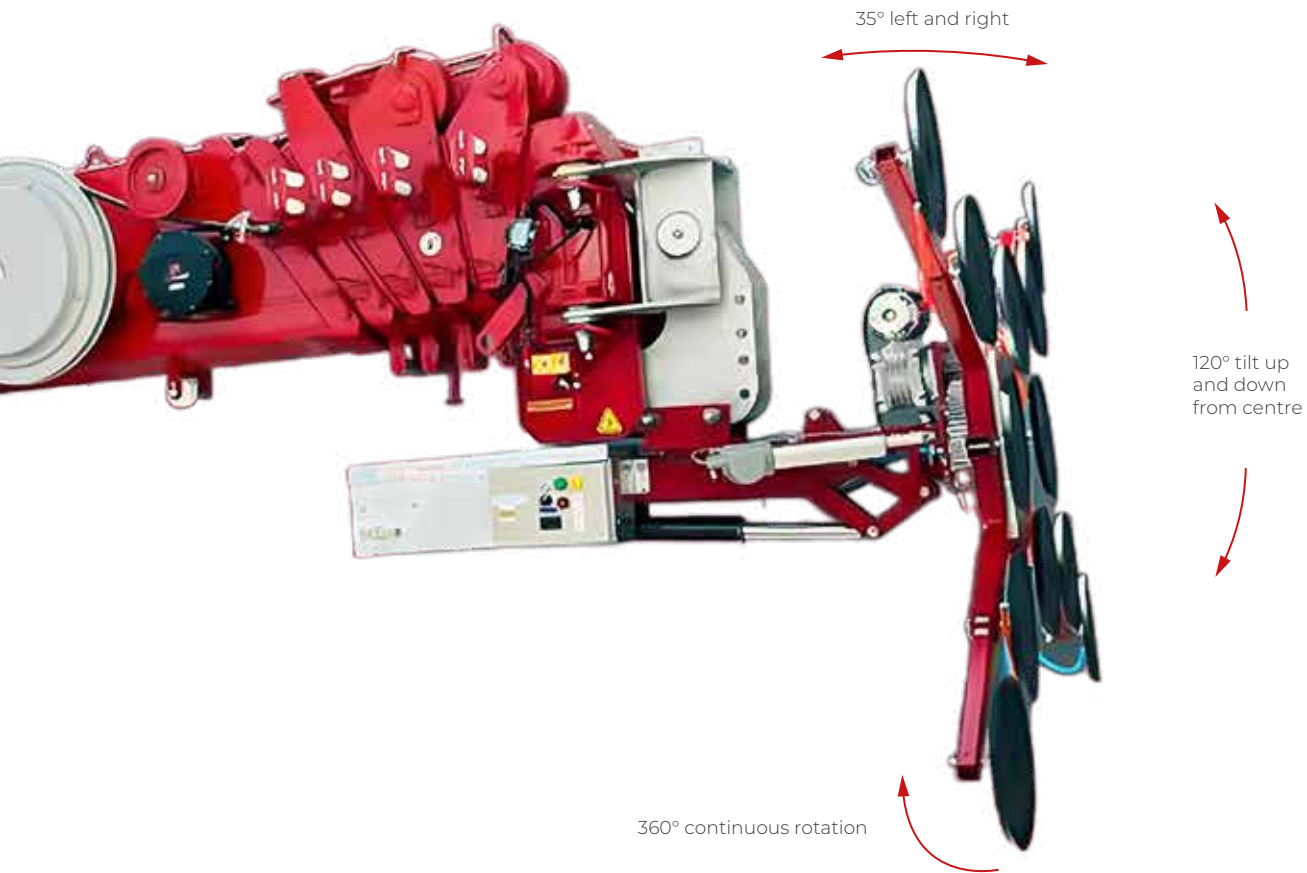


# 1200 - Manipulator Head

## Professional Lifting Solutions



1200 kg M-Head (V950-SP MH 001)

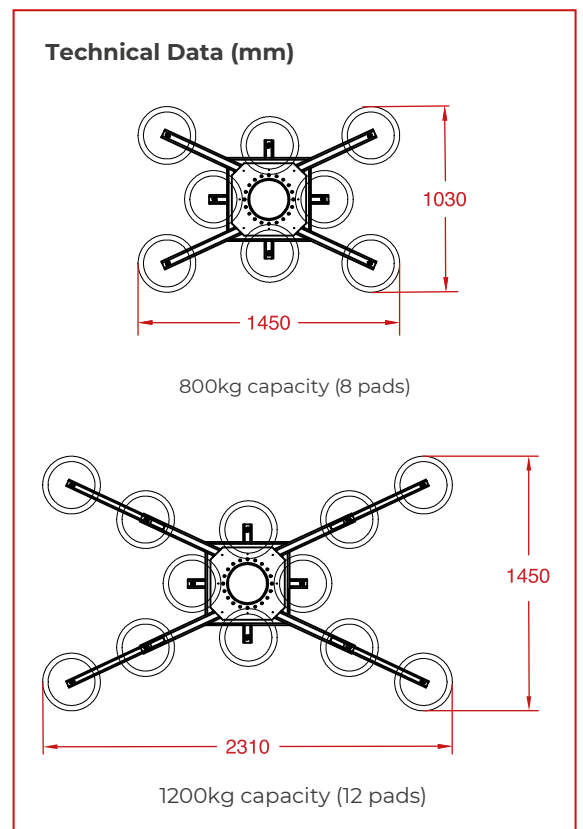
## The 1200- Manipulator Head Robotic Attachment

Designed to work in conjunction with our Spider crane range.

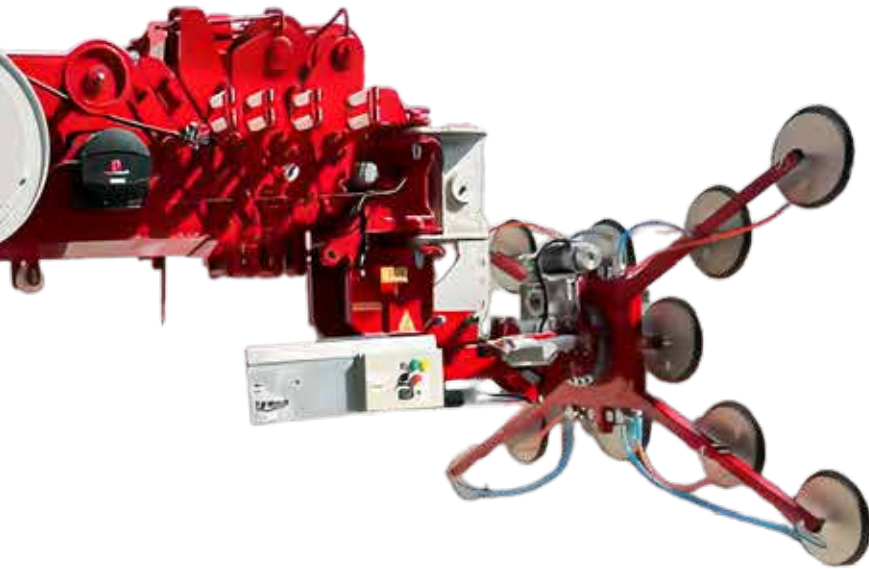
Designed to handle glass panes and window elements at construction sites and with a maximum weight of 1200 kg. It is equipped with a dual-circuit vacuum system for construction site use according to DIN EN 13155.

The manipulator can be tilted hydraulically by 120° and can be endlessly rotated motor driven as well as swiveled by  $\pm 35^\circ - 40^\circ$ .

24 V DC operated vacuum pump generates the necessary negative pressure in the suction pads. All functions are operated with a radio remote control.



**1200kg**  
Safe Working Load

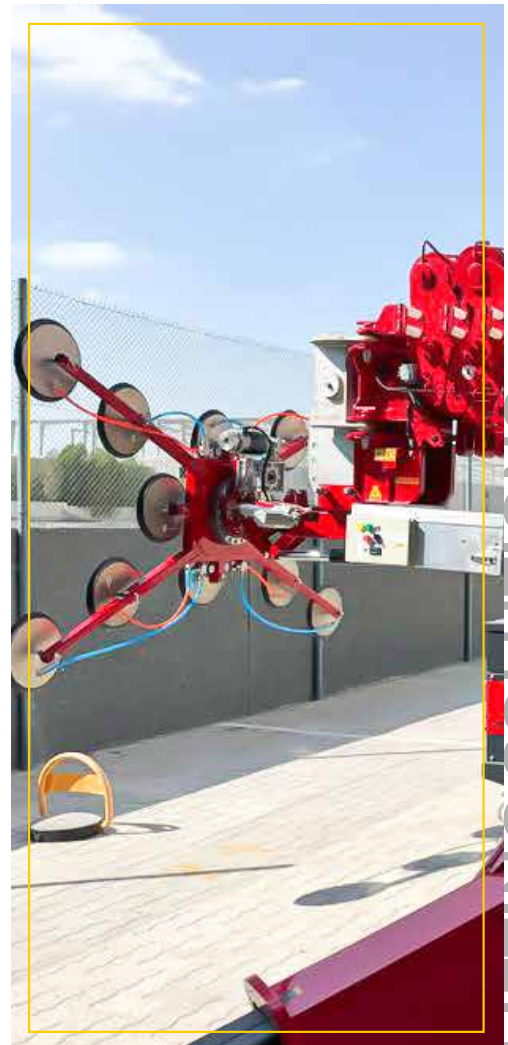


## Key Features

- Capacity: 800kg (8 pads) or 1200kg (12 pads)
- Dual circuit vacuum system with vacuum gauge, reserve tank and non-return valve.
- Compatible with Spider Crane models: URW-095, URW-295, URW-376, URW-506 and URW-706, URW-1006.
- **Manipulator Head Movements**
  - 35° left and right of centre
  - 120° tilt
  - 360° continuous rotation
- Audio-visual low vacuum warning
- Extension arms available for lifting larger loads
- Power supply: 24V rechargeable battery with spare quick change battery
- Weight: 220kg

## Technical Specifications

<b>Safe working load</b>	capacity:	800-1200kg depending on configuration
<b>Suitable for lifting</b>	material properties: surface: example:	gastight / non-porous smooth glass, plastic boards, ceramic plates, sheet metals, coated boards
<b>Weight</b>	approx:	220kg
<b>Depth</b>	depth:	670 mm (from pad surface to attachment prachet)
<b>Length</b>	length:	1600 mm
<b>Width</b>	Width:	1450-2310 mm
<b>Height</b>	height:	1030-1450 mm
<b>Number of suction cups</b>	cups:	8 or 12 depending on configuration
<b>Powered head tilt</b>	powered head tilt:	120°
<b>Powered pad frame rotation</b>	rotation:	360° continuous
<b>Powered head slew</b>	left & right:	35° left & right
<b>Vacuum system</b>	dual circuit:	2 pumps, 2 vacuum reserve tanks
<b>Power requirements</b>	head and vacuum:	On-board 24v battery pack powers both robotic head and vacuum system operation. Rechargeable by 220/240v charger, spare battery included for quick change.
<b>Standard accessories</b>	standard:	Radio remote control, four extension arms with four pads, battery gauge, green "safe to lift" light, external battery pack and charger.



LIFTING SOLUTIONS