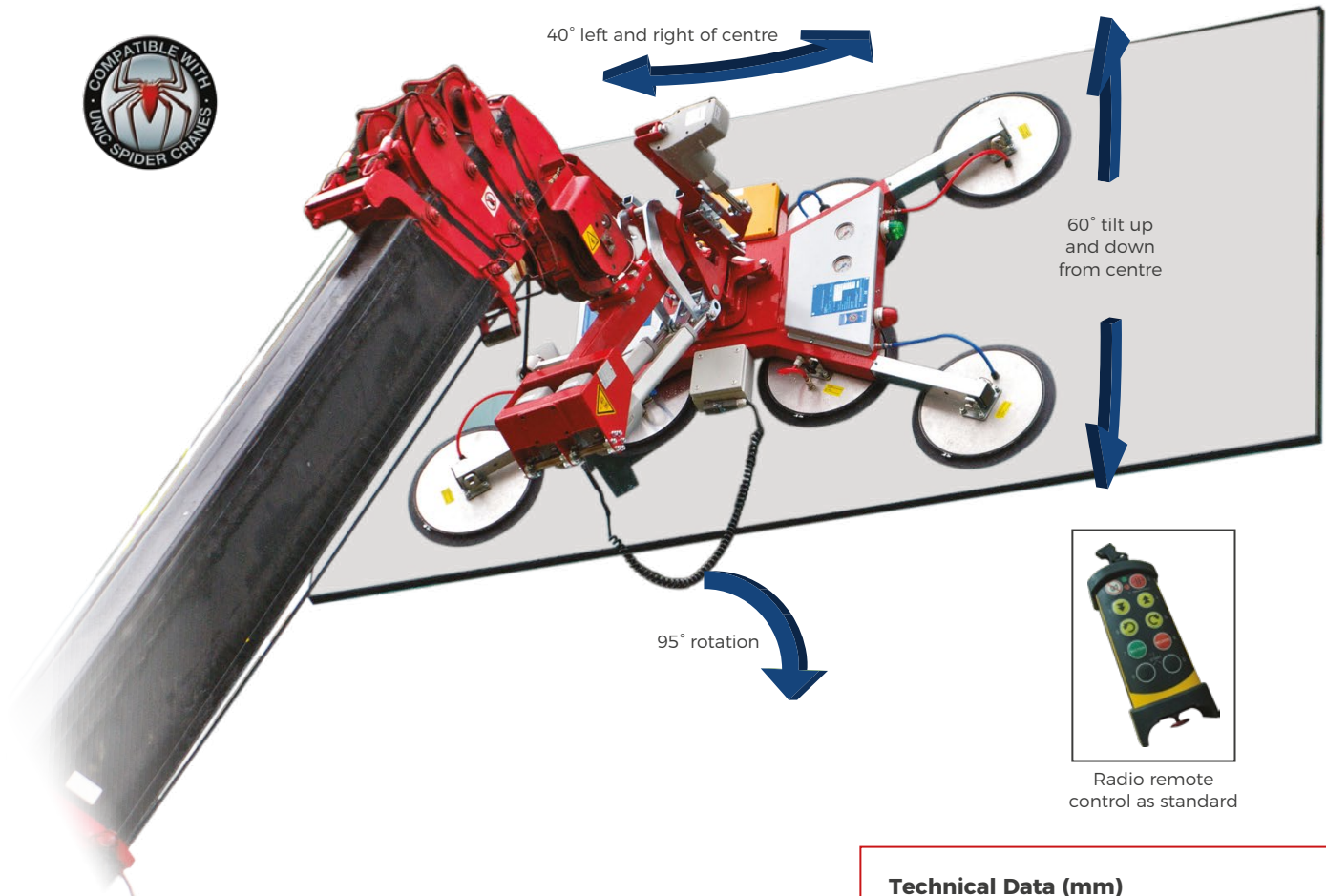


# GL-UMC600 Glazing Manipulator Head



Radio remote control as standard

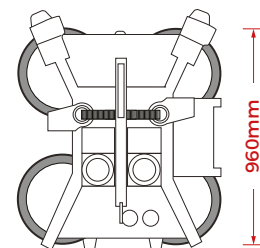
## Flexible Robotic Manipulator

Delivering the ultimate combination of reach and precision engineering, the GL-UMC600 is a state-of-the-art robotic attachment designed to work in conjunction with our UNIC spider crane range.

The GL-UMC600 robotic head is an excellent device for lifting and manipulating large glass units weighing up to 600kg. When the GL-UMC600 is attached to a compact mini crane, customers have the added advantage of extended boom reach for easy glazing at height.

The highly flexible GL-UMC600 is designed to attach directly to the UNIC crane's boom and is independently powered with electric actuators that allow precise movement of glass loads. This attachment comes with 95° rotation, 40° head slew left and right, 120° tilt and can be operated via its own radio remote control.

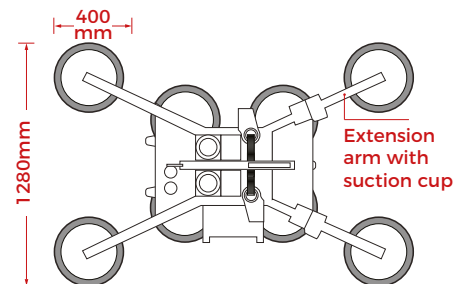
### Technical Data (mm)



850mm

960mm

300kg capacity (4 pads)



400mm

1280mm

Extension arm with suction cup

1880mm

600kg capacity (8 pads)

**600kg**  
Safe Working Load

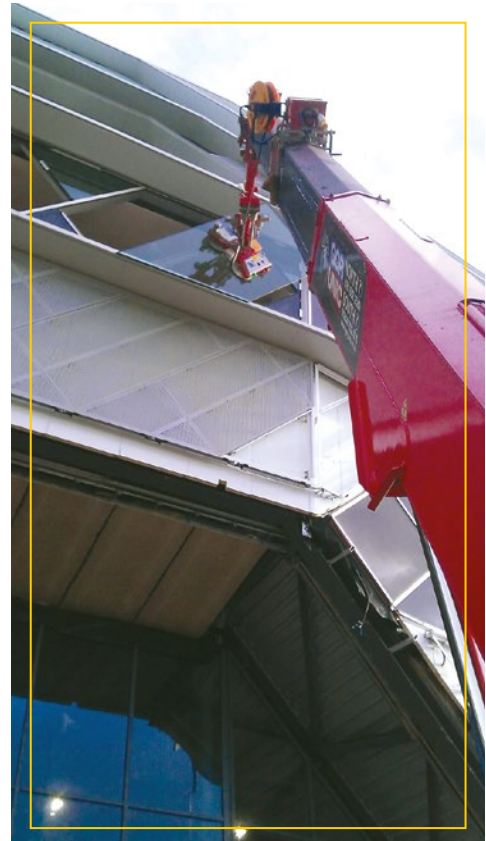
## Key Features

- Capacity: 300kg (4 pads) or 600kg (8 pads)
- Dual circuit vacuum system with vacuum gauge, reserve tank and non-return valve for each circuit
- Compatible with UNIC models: URW-095, URW-295, URW-376, URW-506 and URW-706
- When attached to URW-706 boom length restricted to 16 metres
- Unique, patented head allows a unit to be manipulated with ease through:
  - 40° left and right of centre
  - 60° up and down from centre
  - 95° rotation
- Audio-visual low vacuum warning
- Extension arms available for lifting larger loads
- Power supply: 24V rechargeable battery
- Weight: 170kg



## Technical Specifications

<b>Safe working load</b>	capacity	300-600kg 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.	170kg
<b>Depth</b>	depth:	1250mm
<b>Length</b>	length:	850mm
<b>Height</b>	height:	960mm
<b>Number of suction cups</b>	cups:	4 or 8 depending on configuration
<b>Powered head tilt</b>	powered head tilt:	60° up & down
<b>Powered pad frame rotation</b>	rotation:	95°
<b>Powered head slew</b>	left & right:	40°
<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 110/240v charger
<b>Standard accessories</b>	standard:	Radio remote control Four extension arms with four pads Battery gauge Green "safe to lift" light
<b>Optional accessories</b>	optional:	External battery pack and charger for radio remote control



LIFTING SOLUTIONS