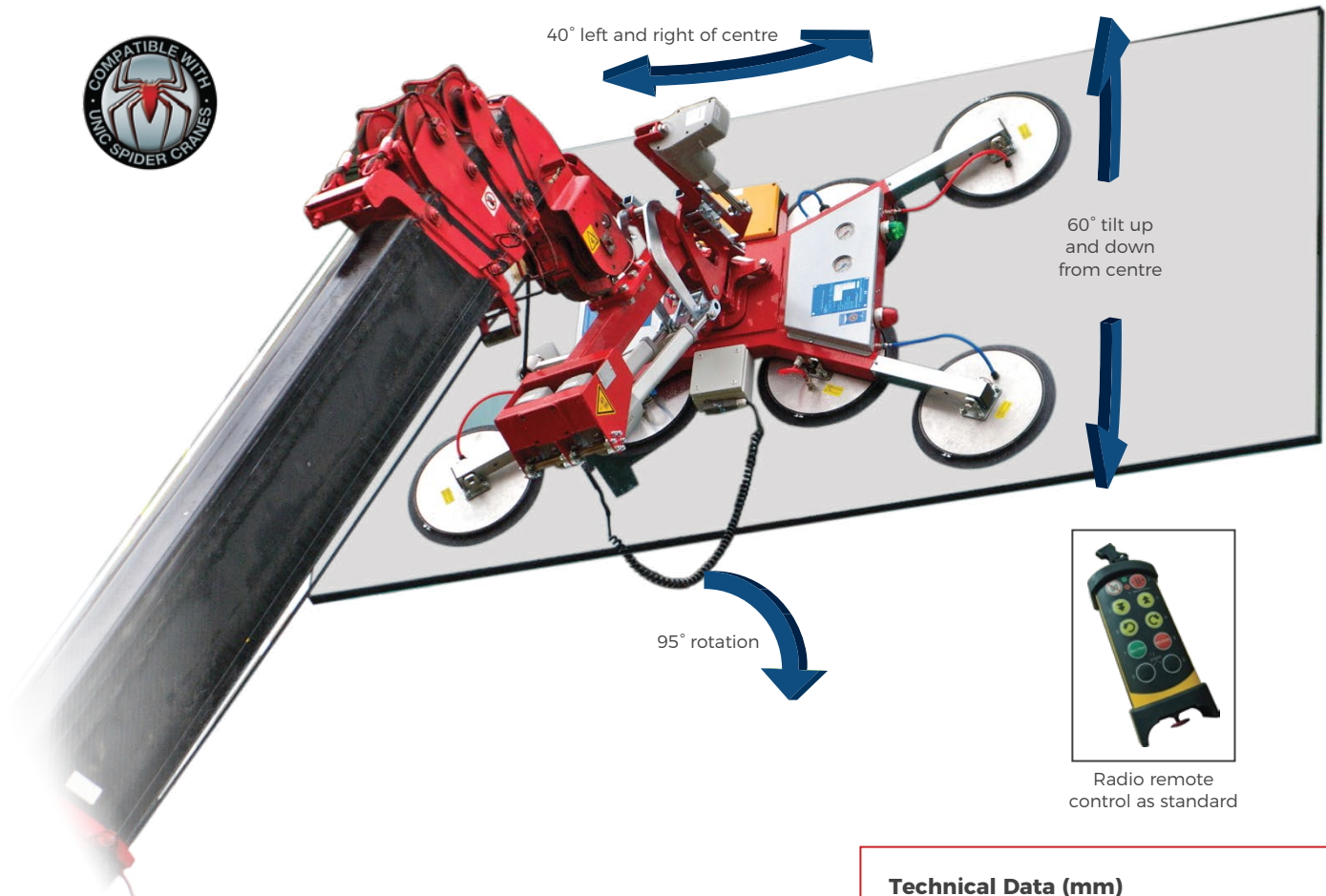


GL-UMC800 Glazing Manipulator Head



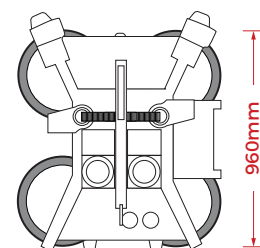
Flexible Robotic Manipulator

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.

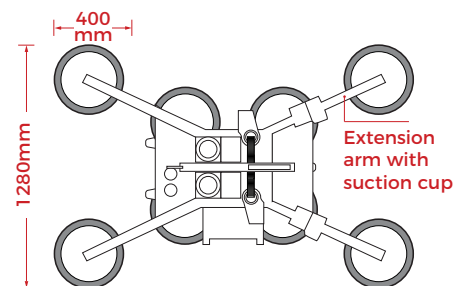
Technical Data (mm)



850mm

960mm

300kg capacity (4 pads)



1280mm

400mm

Extension arm with suction cup

1880mm

800kg capacity (8 pads)

800kg
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

Safe working load	capacity	300-800kg depending on configuration
Suitable for lifting	material properties: surface: example:	gastight / non-porous smooth glass, plastic boards, ceramic plates, sheet metals, coated boards
Weight	approx.	170kg
Depth	depth:	1250mm
Length	length:	850mm
Height	height:	960mm
Number of suction cups	cups:	4 or 8 depending on configuration
Powered head tilt	powered head tilt:	60° up & down
Powered pad frame rotation	rotation:	95°
Powered head slew	left & right:	40°
Vacuum system	dual circuit:	2 pumps, 2 vacuum reserve tanks
Power requirements	head and vacuum:	On-board 24v battery pack powers both robotic head and vacuum system operation. Rechargeable by 110/240v charger
Standard accessories	standard:	Radio remote control Four extension arms with four pads Battery gauge Green "safe to lift" light
Optional accessories	optional:	External battery pack and charger for radio remote control



LIFTING SOLUTIONS