GL-UMC600 Glazing Manipulator Head [600kg]

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 360° continuous rotation, 35° head slew left and right, 120° tilt and can be operated via its own radio remote control.

Reference Code
VGL103D

Safe working load: 300-600kg depending on configuration
Suitable for lifting: gas-tight / non-porous smooth glass, plastic boards, ceramic plates, sheet metals, coated boards
Weight: approx. 145kg
Depth: 1250mm
Length: 850-1770mm
Height: 750-1180mm
Number of suction cups: 4 or 8 depending on configuration
Powered head tilt: 120°
Powered pad frame rotation: 360° continuous
Powered head slew: 35° left & right
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, spare battery included for quick change
Standard accessories: Radio remote control, four extension arms with four pads, battery gauge, green “safe to lift” light, external battery pack and charger.
Optional accessories: Curved frame (available on request)

Note: For individual rated loads please see our UNIC mini cranes section starting at page 267
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
- Unique, patented head allows a unit to be manipulated with ease through:
  - 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: 145kg

Technical Data (mm)

300kg capacity (4 pads)
- 850 mm
- 700 mm

600kg capacity (8 pads)
- 1770 mm
- 180 mm
- 750 mm
- 1180 mm