500kg Capacity 3D Head (

Libro 500 3D Head [500kg]

Designed to meet the demands and requirements of current architectural trends the Libro 500 3D Head combines our world class Libro overhang beam with the dynamic and powerful GL-UMC600 robotic head.

This versatile combination of products allows glazing installers the ability to raise loads under overhangs of buildings and precisely manoeuvre glass into its final installation point

With a 500kg lifting capacity and a maximum depth of overhang of 2000mm this machine can fit into places such as soffits, balconies, façades and accurately manipulate large glass with the robotic heads ability to rotate 360°, tilt 60° up and down and slew up to 35° left and right.

Safety is paramount and the robotic head comes complete with a dual circuit vacuum system for peace of mind.

Key Features

- **500kg capacity**
- **Glass vacuum lifter robotic head attachment**
- **Cable remote control for counterweight saddle**
- **Radio remote control for vacuum head control**
- **24V DC battery with separate 110/240V charger**
- **±10° Anti-tilt switch**

Reference Code

VOB900A



The articulating nature of the 3D Head allows a wide variety of movements and positions

Technical Specifications

Safe working load	capacity:	500kg
Weight	weight:	1172kg
Depth of overhang	depth:	2000mm
Balance control	control:	rack and pinion counterweight saddle
Power requirements	power:	24V DC rechargeable battery 110/240v battery charger
Powered head tilt	tilt:	60° up and down
Powered head slew	slew:	35° left & right
Powered pad frame rotation	rotation:	360° continuous
Vacuum system	vacuum:	2 pumps, 2 vacuum reserve tanks
Standard accessories	standard:	cable remote control to operate counterweight saddle, radio remote control (robotic head), battery gauge, green "safe to lift" light
Optional accessories	optional:	radio remote control (overhang beam)

Overhang Bea



Balance Light



Optional radio remote control



Cable remote control as standard



Radio remote control as standard for vacuum head

Technical Data (mm)



