3D Head Overhang Beam

Libro 1200 3D Head [1200kg]

Due to its integrated glass vacuum lifter, the Libro 1200 3D head overhang beam is the best choice for installing large glass, inclined glass, and façade elements in hard-to-reach places such façade apertures, soffits, and building overhangs of up to 3000mm.

This adaptable equipment is perfect for use in both high-level and low-level lifting tasks because it can be connected to our assortment of UNIC mini spider cranes and can also be used in conjunction with an onsite mobile crane.

The counterweight saddle on this overhang beam with a 1200kg capacity can be moved along the beam to balance the load being lifted and is operated by a cable remote control or radio remote control. Additionally, it has an anti-tilt switch that, for safety, prevents the counterweight balancer from tilting more than 10 degrees.

Key Features

- 1200kg capacity (flat glass), 1000kg (curved glass)
- 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

VGL116



Technical Specifications - Overhang Beam

Safe working load	capacity:	2500kg
Weight of lifter	weight:	1250kg (with counterweights) 500kg (without counterweights)
Depth of overhang	depth:	3000mm
Balance control	control:	rack and pinion counterweight saddle
Power requirements	power:	24V DC rechargeable battery 110/240v battery charger
Standard accessories	standard:	cable remote control to operate counterweight saddle
Optional accessories	optional:	radio remote control

Technical Specifications - Vacuum Lifter

Capacity	800-1200kg (flat glass) 1000kg (curved glass)
Weight of lifter	210kg (8 pads, flat glass) 240kg (12 pads, flat glass) 285kg (20 pads, curved glass)
Powered head tilt	60° up and down
Powered head slew	40° left & right
Powered pad frame rotation	360° continuous
Vacuum system	2 pumps, 2 vacuum reserve tanks
Power requirements head & vacuum system	On-board 24v battery pack powers both robotic head and vacuum system operation. Rechargeable by 110/240v charger
Standard accessories	Radio remote control, battery gauge, green "safe to lift" light



Balance Light



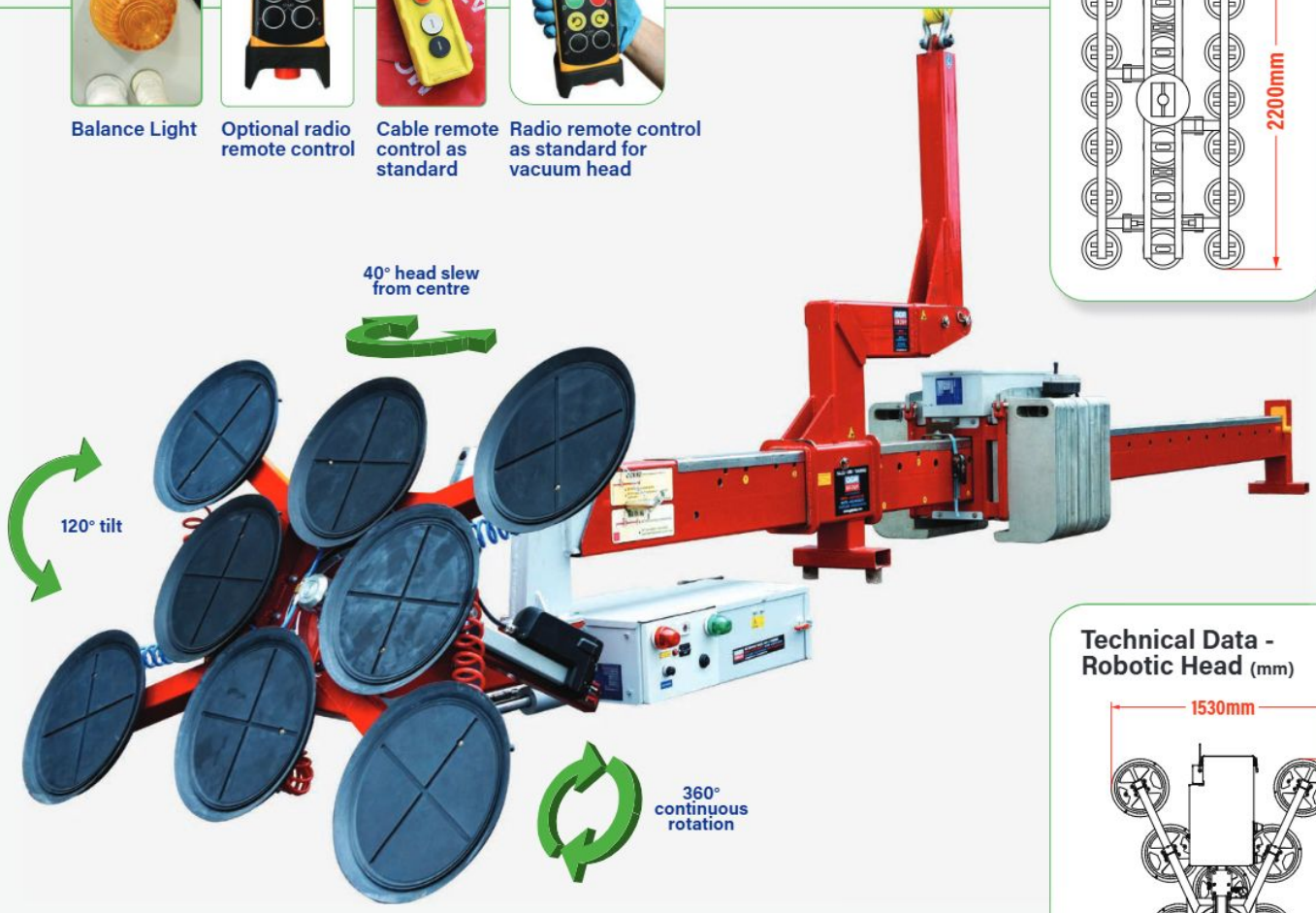
Optional radio remote control



Cable remote control as standard

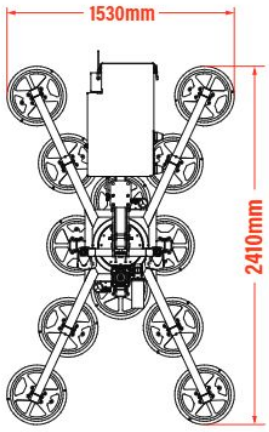


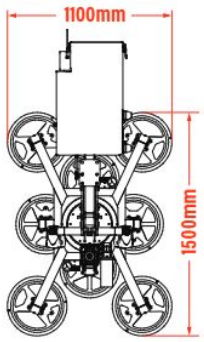
Radio remote control as standard for vacuum head



Technical Data - Curved Head (mm)

Technical Data - Robotic Head (mm)





Technical Data - Overhang Beam (mm)

