

Curved Glass Vacuum Lifters

UK's First Quad Circuit

Quad-Curve 1000 **[1000kg]**

Exclusive to GGR Group, Quad-Curve 1000 is UK's first quad-circuit glass lifter designed for handling large convex curved glass weighing up to 1000kg.

The quad-circuit Quad-Curve 1000 is an alternative version of the standard Quadra lifter and has been especially created for lifting larger curved glass units up to 1000kg.

The curved Quadra vacuum lifter has 2.8 metre long lifting arms which can tilt, so each of its 16 suction pads achieve surface contact with either flat glass panels or curved convex glass with a minimum radius of 5000mm.

This is the first curved glass lifter in the UK which is a quad-circuit machine with four independent vacuum systems. If one of the machine's four vacuum circuits fails then the remaining three can safely hold the load weight.

Reference Code

VGL59C

Four independent vacuum circuits



Cable remote control as standard



90° powered hydraulic tilt system



300mm black rubber suction cup

Technical Specifications

Safe working load (smooth, clean surface at 60% vacuum)	capacity:	1000kg
Number of suction cups	cups:	16
Suction cup	description:	black rubber, not abrasion resistant, heat resistant up to 100°F
Suction cup diameter	diameter:	300mm
Suitable for lifting	material properties: surface: example:	gastight / non-porous smooth glass, plastic boards, sheet metals, coated boards
Weight of lifter	approx:	213kg
Depth of lifter	depth:	400mm
Rotation	rotation:	100° manual left and right
Tilt	tilt:	90° powered hydraulic
Vacuum system	quad circuit:	1 pump, 4 vacuum reserve tanks
Voltage	pump: battery charger:	12v DC from rechargeable battery 110v/240v 50/60Hz single phase factory selectable (external)
Standard accessories	standard:	cable remote control
Optional accessories	optional:	wheeled trolley



Key Features

- Capacity: 1000kg
- Quad circuit vacuum system, each circuit includes a vacuum gauge, reserve tank and non-return valve
- Suitable for lifting flat glass and convex curved units of at least 5 metre radius
- 90° hydraulic powered tilt from horizontal to vertical
- Manual 200° lockable rotation
- Two 12v rechargeable batteries with external 110/240v charger
- Audio-visual low vacuum warning
- Cable remote control as standard
- Not suitable for use in the rain
- Maximum wind speed for safe use is 29km/h, 18mph, 16.5 knots or 8 m/s

Technical Data (mm)

