

# Glass Vacuum Lifters

An Innovation in Glass

## Fin Lifter 1890 [1890kg]

The Fin Lifter 1890 is the latest innovation in vacuum lifting for installing glass fin systems up to 1890kg easily and safely.

Boasting a 9040mm length body, it is the perfect for dealing with long format glazing fins which are now a regular feature of building projects. The Fin Lifter 1890 adjustable frame to suit shorter pieces of glass, offering operators the choice of 3040m (750kg), 6040m (1400kg) or 9040m (1890kg) configurations.

The Lifter's powered hydraulic 90° tilt and manual 360° rotation makes it both easy and safe to install glass mullion and glazing fin systems. In addition, it comes with four independent vacuum circuits; making sure that the glass remains in place in the remote event that one of the circuits fails.

All this is powered by an on-board 110v/240v rechargeable battery, and a pendant cable remote control is supplied as standard

### Reference Code

VGL66



**Short Configuration**  
3040mm Length  
750kg capacity



**Medium Configuration**  
6040mm Length  
1400kg capacity



**Long Configuration**  
9040mm Length  
1890kg capacity

### Technical Specifications

<b>Safe working load</b> (smooth, clean surface at 60% vacuum)	capacity:	1890kg	1400kg	750kg
<b>Number of suction cups</b>	cups:	24	16	8
<b>Suction cup</b>	description:	black rubber, not abrasion resistant, heat resistant up to 100°F		
<b>Suction cup diameter</b>	diameter:	300mm		
<b>Suitable for lifting</b>	material properties: surface: example:	gastight / non-porous smooth long format fin glass		
<b>Length of lifter</b>	length:	9040mm	6040mm	3040mm
<b>Weight of lifter</b>	approx:	872kg	656kg	440kg
<b>Depth of lifter</b>	depth:	421mm		
<b>Rotation</b>	rotation:	360° manual continuous		
<b>Tilt</b>	tilt:	90° powered hydraulic		
<b>Vacuum system</b>	quad circuit:	quad circuit with reserve tank		
<b>Voltage</b>	pump: battery charger:	12v DC from rechargeable battery 110v/240v 50/60Hz single phase factory selectable		
<b>Standard accessories</b>	standard:	pendant (cable) remote control, extension arms		
<b>Optional accessories</b>	optional:	radio remote control		



Featuring a quad circuit vacuum lifting system for the ultimate in safety.



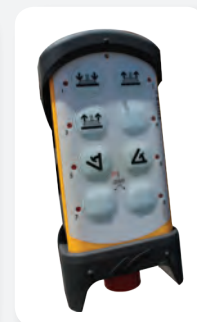
In the unlikely event of loss of suction an audio-visual low vacuum alarm lets the operators know straight away.

### Key Features

- 1890kg capacity (24 pads, 9040mm length)
- 1400kg capacity (16 pads, 6040mm length)
- 750kg capacity (8 pads, 3040mm length)
- 360° continuous rotation
- 90° hydraulic powered tilt
- Quad circuit vacuum system with 4 pumps, 4 reserve tanks, non-return valves and vacuum gauges for each circuit
- Pendant cable remote control as standard
- Audio-visual low vacuum warning
- Depth of lifter: 421mm



Pendant Cable Remote Control As Standard



Optional Radio Remote Control



Featuring 90° hydraulic tilt

### Technical Data (mm)

