

Cladding Lifters

Multi-Purpose Cladding

CL2 Cladding Lifter [500kg]

The CL2 is a battery-powered vacuum lifter designed specifically to handle sandwich-panel wall and roof installations in commercial and industrial buildings.

Offering capacities up to 500kg and configurations of 4, 6 or 8 suction pads, it adapts to both smooth and micro-ribbed panels. With a maximum length of 11.4m the CL2 can handle large panels with ease, the removable arms make this a truly adaptable cladding lifter, able to lift smaller or larger pieces all while using just one machine.

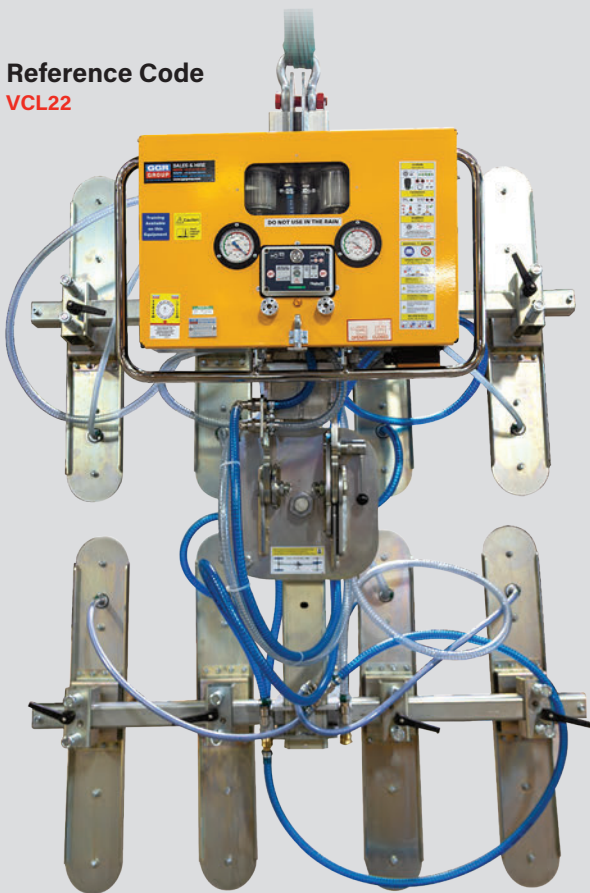
Its tilting mechanism enables safe transition between horizontal and vertical positioning, ideal for panels on walls or roofs. Standard features include dual vacuum circuits with audible/visual alarms, quick-release battery charger and forklift-compatible protective stand.

The CL2 cladding lifter offers reliable handling with minimal downtime, ideal for external and internal cladding such as whitewall cladding, food storage facilities, server room refits, warehouses, industrial units and much more.

Key Features

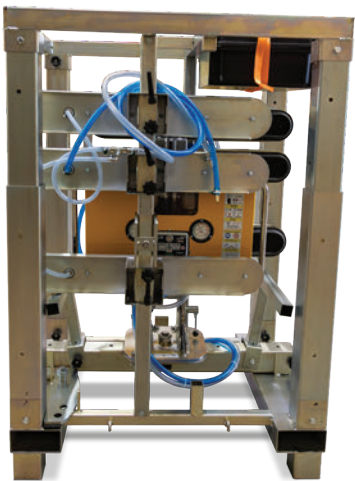
- Capacity: 500kg (8 pads) / 400kg (6 pads) / 250kg (4 pads)
- Adjustable position suction pads
- Dual circuit vacuum system with vacuum gauge, reserve tank and non-return valve for each circuit
- 90° manual tilt
- 110/240v external charger system
- Audio-visual low vacuum warning

Reference Code
VCL22



Technical Specifications

Safe working load	capacity:	500kg (8 pads), 400kg (6 pads), 250kg (4 pads)
Number of suction cups	cups:	8, 6 or 4
Suction cup	description:	closed cell foam seal
	approx dimensions:	800 x 120mm
Suitable for lifting	materials:	composite sandwich panels, (PUR, EPS, mineral wool). other materials possible, subject to testing. airtight, non-porous and not covered by protective film.
Weight of lifter	approx:	224-260kg
Tilt	tilt:	90° manual
Vacuum system	dual circuit:	2 pumps, 2 vacuum reserve tanks
Voltage	pump:	12v DC from 2 x rechargeable batteries
	battery charger:	110v/240v 50/60Hz single phase factory selectable
Standard accessories	standard:	audio-visual low vacuum warning devices, vacuum filter, 240v battery charger, spare battery, detachable extension arms, accessories suitcase, secondary safety straps, transport trolley, support feet
Optional accessories	optional:	additional pads,, additional arms, radio remote control

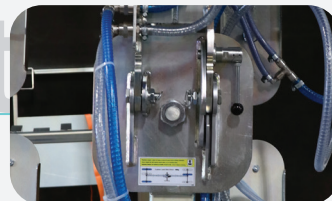


The storage rack keeps the CL2 safe and transportable due to the built-in forklift points.

Vacuum Lifter



The central rotation plate gives operators the ability to quickly change configurations.



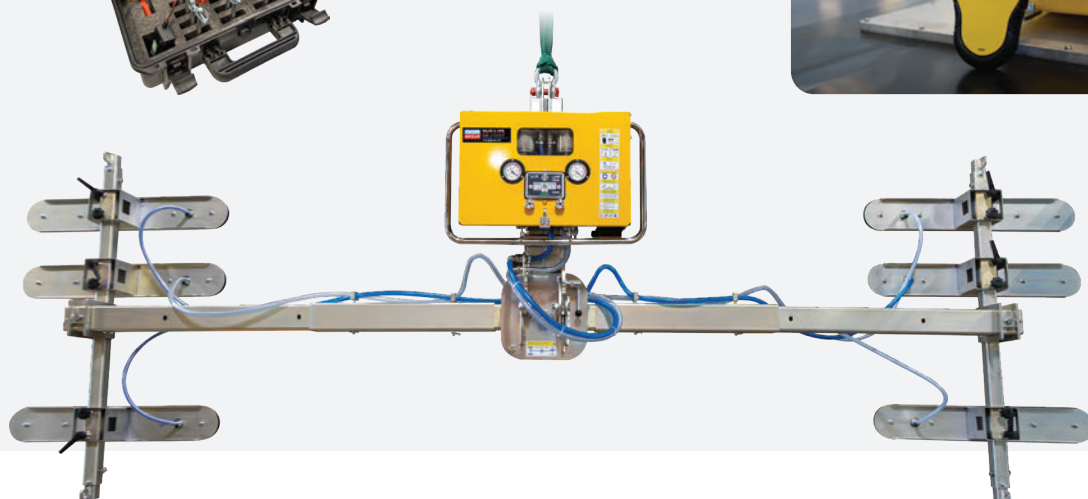
The dual circuit gauges are easily read and the control panel gives operators critical information at a glance.



Optional Radio Remote Control



The protective hard-case can safely hold the radio remote control, pins and other parts necessary to keep the accessories safe and secure. The case also holds the offboard spare batteries and chargers which allow a quick change for continuous work.



Configuration For Roof Panels

Configuration	Length of lifter (mm)	Quantity of extension beams	Quantity of cross arms	Quantity of suction pads (800x120mm)	Lifting capacity	Roof panel max length (m)	
						PUR	Mineral Wool
CL2-6	1680	0	2	6	400	6-7	5-6
CL2-6	4100	1+1	2	6	400	12-13	8-9*
CL2-6 EXT	6500	2+2	2	6	400	15-16	10-12*
CL2-6 EXT + Additional arms	6500	2+2	4	8	500		10-12*
CL2-8X 9M	9000	3+3	4	8	500	18	12-14*
CL2-8X 12M	11400	4+4	4	8	500	20-21	16*

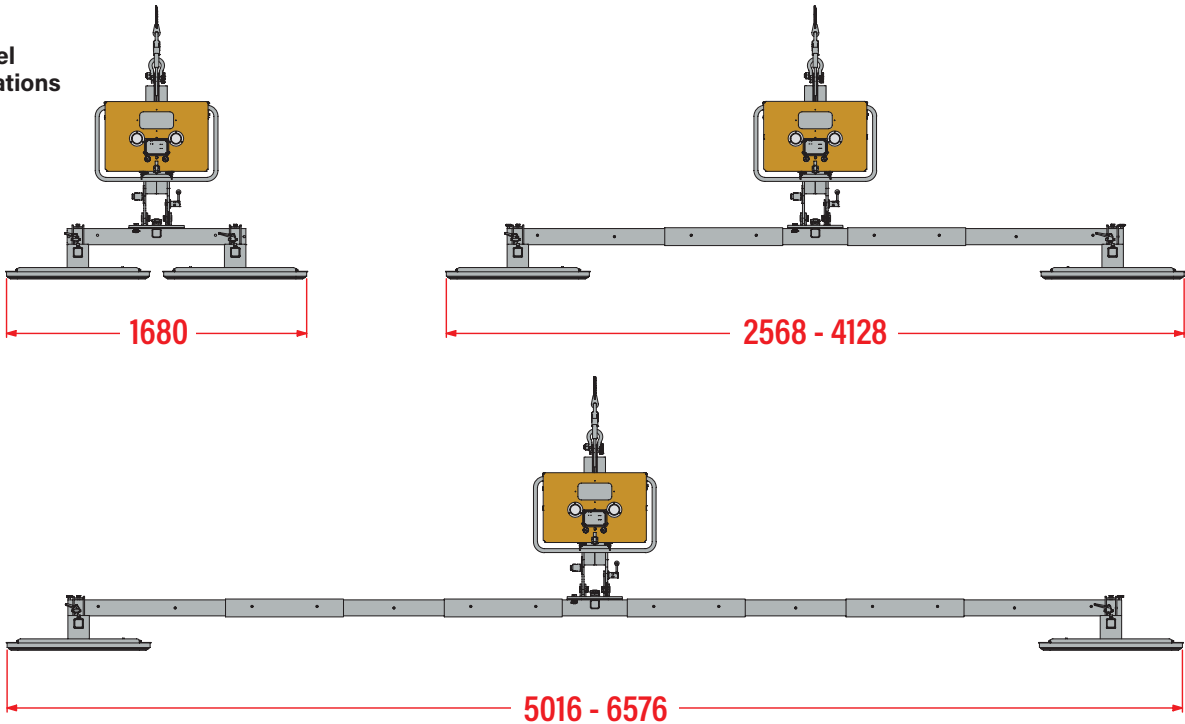
*For rock wool panels, more attention must be paid. Bonding between the metal plate (outer layer of the panel, where we place the suction cups) and the inner rock wool is not as strong as in the case of PUR panels. In addition, the weight of rock wool is higher than the weight of polyurethane. It can happen that the metal plate detaches / deforms / flexes and this compromises the load hold. It is strongly recommended to perform the lifting test, as not all rock wool panels are the same. On panels with a length of 10-12 meters, we recommend using the new 8X models.

Cladding Lifters

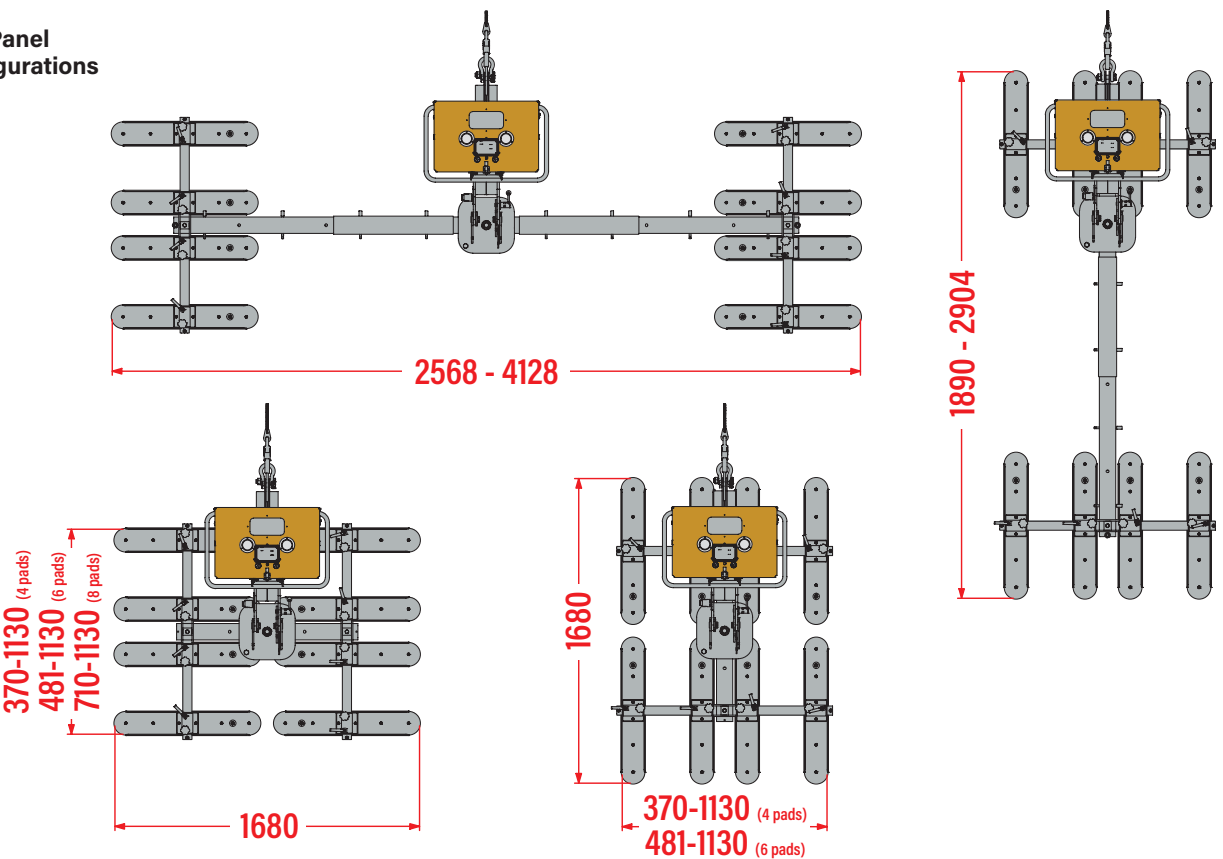
Technical Data - (approx. mm)

CL2: 4, 6 & 8 Pad Configuration

Roof Panel Configurations

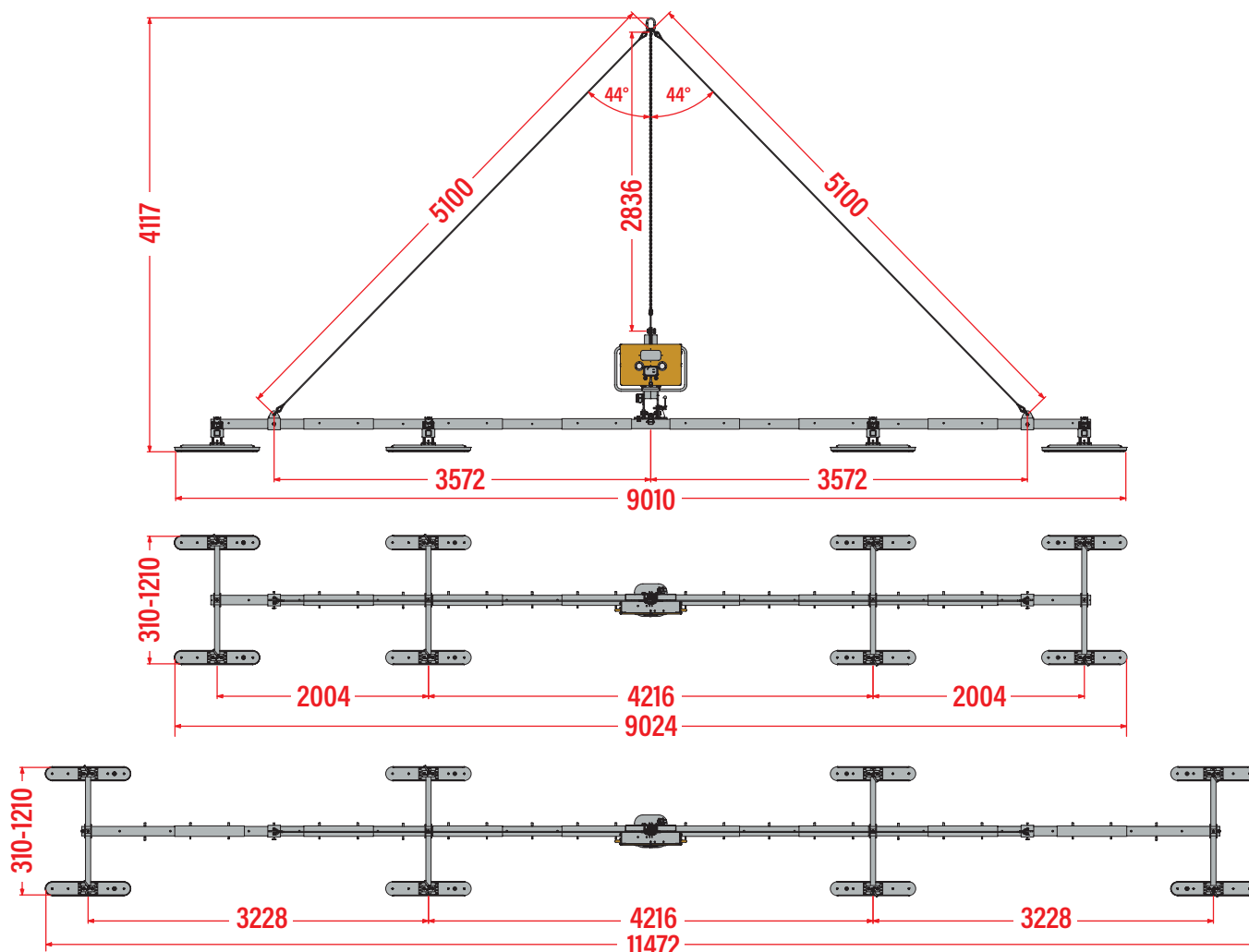


Wall Panel Configurations



Technical Data - (approx. mm)

CL2: 8X Pad Configuration



Standard Suction Pads

The CL2 cladding vacuum lifter comes equipped with suction pads that fit a large range of sandwich panels (either flat, micro-ribbed or trapezoidal).

Please take a look at the maximum and minimum sizes required for the standard 800x120mm suction pads to fit:

Fret height: max 100mm
Micro-rib height: max 5mm
Space between ribs: min 120mm

Special Suction Pads

GGR can provide other types of suction pads to fit unique sandwich panels. Contact us for more information.

