

Cladding Lifters

Versatile Pad Frame Fo

CladKing Intelli-Grip 545 [545kg]

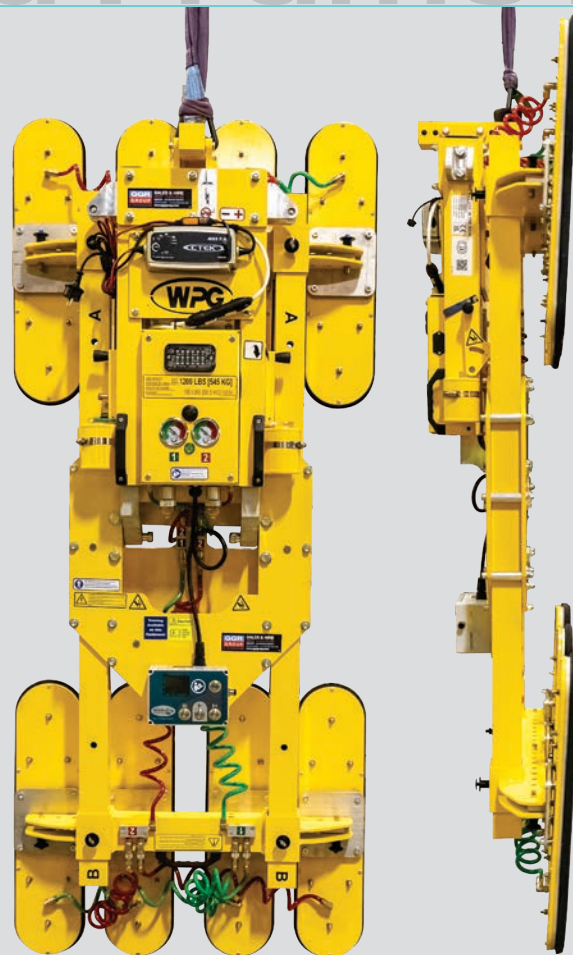
Versatile, innovative and highly adaptable, the Clad-King vacuum lifter has been designed to handle various tasks such as roofing installation, horizontal panels measuring up to 12m in length, and vertical cladding panels up to 18m long.

It benefits from compatibility with a wide array of composite panel brands, including Rockspan, Paroc, Isocab, and Kingspan KS1000 series. Thanks to its multi-configurable frame, the Clad-King allows for the repositioning of pads to suit different panel ridges and shapes.

Featuring a lifting capacity of up to 545kg and an assisted tilt of 90°, the Clad-King facilitates the swift and secure movement of loads from the stack to the mounting position. This feature ensures a faster and safer installation process, minimising any potential hassle and is further enhanced by the optional radio remote control for precise placement of loads.

Key Features

- Capacity: 545kg
- Dual circuit vacuum system with vacuum gauge, reserve tank and non-return valve for each circuit
- Frame length extendable to 3450mm
- 90° dampened tilt (lockable vertical & horizontal)
- Flexible and versatile multi-pad configuration
- 12v rechargeable battery with 110v or 240v charger with charge meter
- Audio-visual low vacuum alarm



Technical Specifications

Safe working load	capacity:	545kg	408kg	270kg
Number of suction cups	cups:	8	6	4
Maximum pad spread	vertical: horizontal: with extension kit:	1930 x 860mm 3450 x 860mm 6570 x 860mm		
Suction cup	description: approx dimensions:	closed cell foam seal 150 x 640mm		
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:	143kg	134kg	125kg
Weight with extension kit	approx:	205kg	195kg	186kg
Tilt	tilt:	90° dampened (lockable vertical & horizontal)		
Vacuum system	dual circuit:	1 pump, 2 vacuum reserve tanks		
Voltage	pump: battery charger:	12v DC from rechargeable battery 110v/240v 50/60Hz single phase factory selectable		
Standard accessories	standard:	4 x extension arms, reverse air-flow (blow-off), adjustable lifting bail, secondary safety straps		
Optional accessories	optional:	radio remote control		

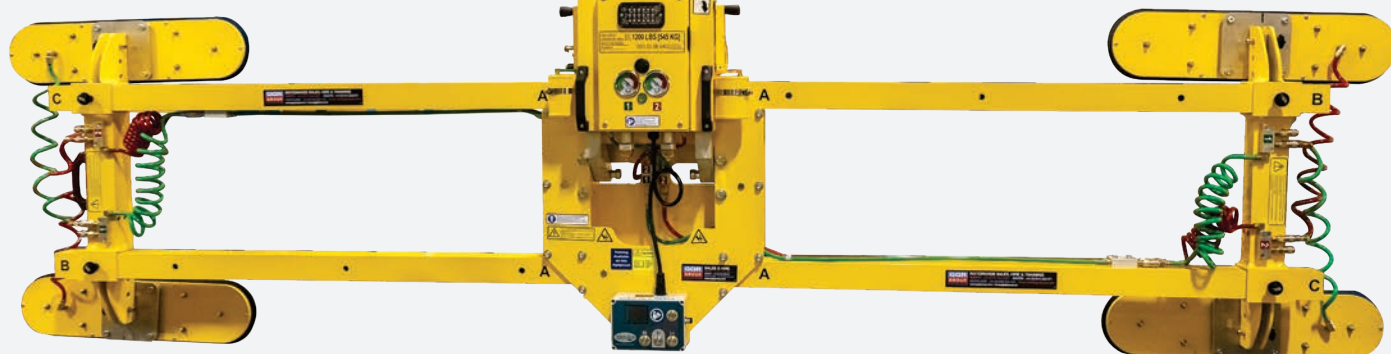
Allowable Overhang*

Panel Thickness	Maximum Overhang	
	Mineral Core	PIR/ISO/ EPS Core
51mm	2400mm	3800mm
64mm	2900mm	4400mm
76mm	3000mm	4700mm
102mm	3700mm	5500mm
152mm	4400mm	6700mm

Chart recommendations based off 24 gauge steel faces

Reference Code

VCL14



Optional radio remote control



Dual circuit vacuum system

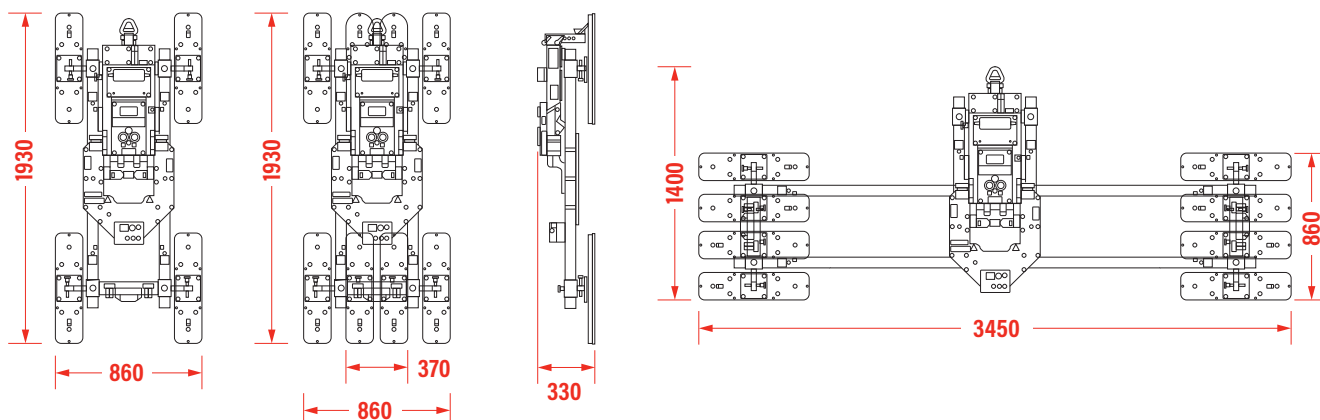


Adjustable lifting bail



The Intelli-Grip technology monitors vacuum lifters in real-time.

Technical Data - (approx. mm)



* The allowable overhang is the amount of load material that can extend sideways beyond the vacuum pad without breaking or otherwise being damaged. This depends on the load material, its thickness, and the angle of handling. Since every material has different physical properties, the allowable overhang must be evaluated separately for each load type. For insulated metal panels, consult the chart above for allowable overhang recommendations when lifting insulated metal panels.