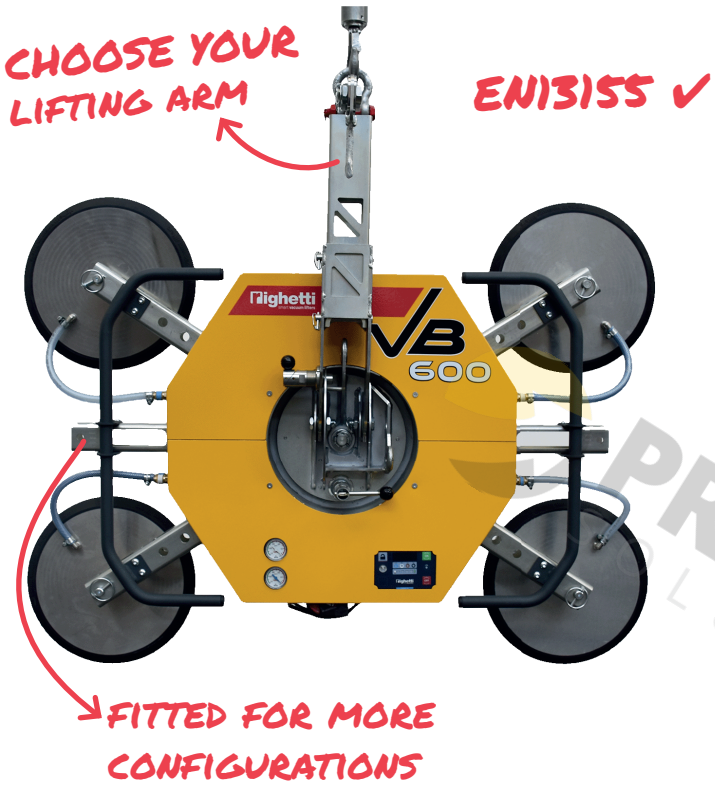
Righetti smart vacuum lifters — Vacuum lifters SPECIALISTS

LIGHTWEIGHT. MODULAR. MINICRANE-FRIENDLY

VB600

up to 600 kg

Power supply Batteries



VB600 is the **battery-powered** vacuum glass lifter specifically designed for use on minicrane and other lifting means with limited capacity.

We like to define VB600 as a smart blend between the **lightweight frame** of VBT4 and the great **modularity** of XL models. These features, combined with its universal 18V battery, make VB600 a great vacuum lifter for several glass applications.

VB600 is highly **customizable** to adapt to your needs, by choosing among several optionals such as:

- extension kits for more configurations
- assisted tilt device for precise tilting both upwards and downwards
- powered lifting arm for 0-90° electric tilt
- wireless radio remote control
- transport and storage stands
- battery adapters to fit the most popular 18V lithium batteries on the market





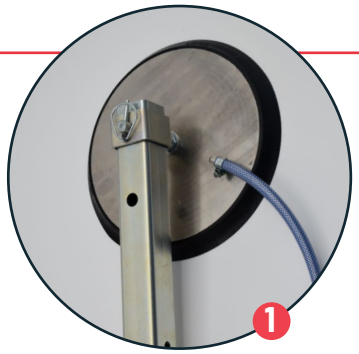


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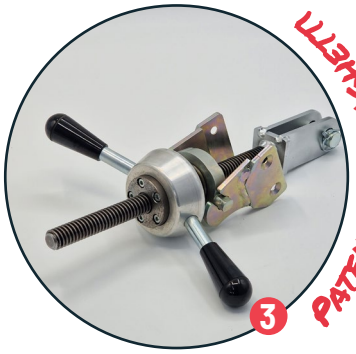
PRO-LIFT SOLUTIONS

Standard features

Feature	How does it benefit your work?
Four suction pads d. 315mm	Ensuring a lifting capacity of 400kg (881 lbs), the suction pads are repositionable to adapt to the glass size.
Dual vacuum circuit	Extra safety during handling.
360° infinite rotation	Smoother rotation system and enhanced fluidity.
0-90° tilt	Improved mechanism for a lower resistance during tilt and a more balanced movement.
All-round handlebar in rough finish	Better load control and firmer grip during handling
Vacuum control unit (VCU)	Redesigned for a more intuitive interface and a smarter functioning. The digital display and LED lights provide an easy control of the vacuum lifter.
Immediate suction and release	Save time thanks to a straightforward approach. When the VCU is switched on, the suction gets activated. In the same way, turning off the VCU performs the release of the glass.
[1]Powered by 18V lithium battery (not included)	You can use the 18V 5A batteries of your tools to power VB600 thanks to its universal adapters. Please verify the compatibility of your batteries with our sales department.
Lightweight frame	Perfect for use on minicranes and other lifting means with limited capacity.
Closed casing	All electric and electronic components are protected inside the casing for a long-lasting functioning.

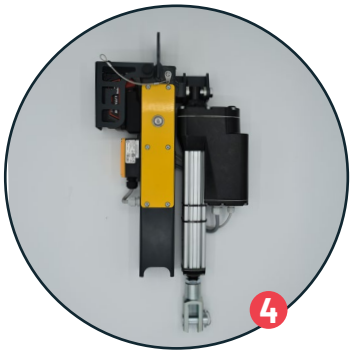






Optional accessories

1	Additional suction pads kits	Different configurations possible for a wider gripping spread and higher lifting capacity up to 600kg (1322 lbs)
2	Additional lifting arms	Choose the right hooking point depending on the glass' size
3	Assisted tilt device (with mounting kit)	Precise tilt of the load, both upwards and downwards. This optional is particularly helpful during glass placement.
	Tilting brake	Slowing down the tilting of the glass downwards.
4	Lifting arm with electric tilt	0-90°electric tilt managed by radio remote control and performed by one of the most compact actuators.
5	Transport and storage stands	Make storage and trasport easier and faster by choosing amongst our selection of wheeled stands.
	Radio remote control	Controlling the release of the glass at a distance.
	Curved glass kit	Swap the standard suction pads with a dedicated curved glass kit, ideal for both concave and convex glass.
	Spacers for window frames	In case of a deep window frame, the spacers increase the distance between the vacuum lifter's frame and the glass





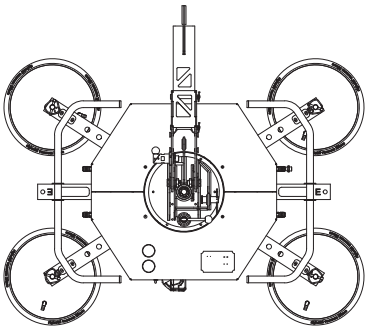
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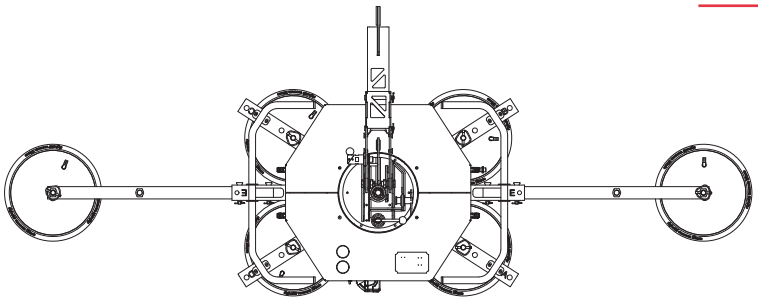
Technical drawings

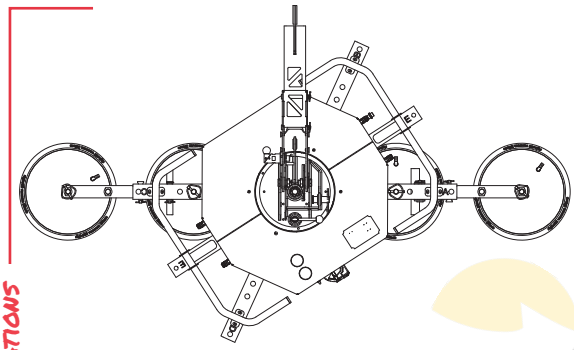
PRO CONFIGURATIONS

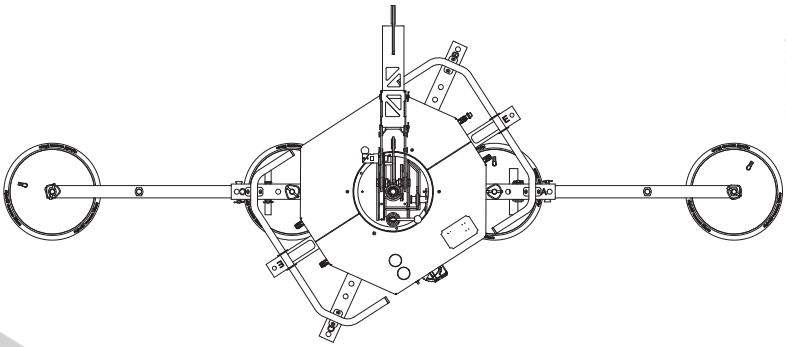
LINE CONFIGURATIONS

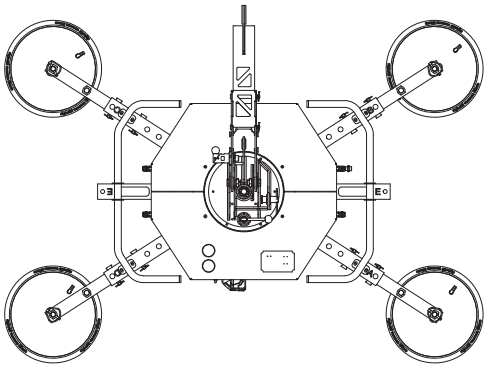
XL CONFIGURATION

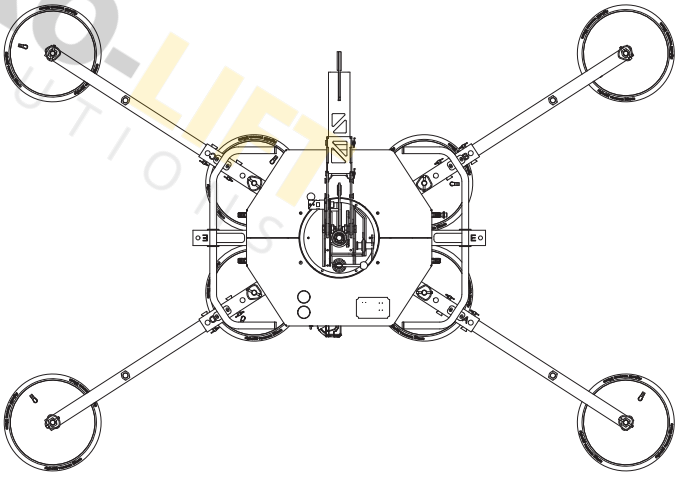












Configuration	Lifting capacity (kg - lbs)	Own weight (kg - lbs)	Max gripping spread (mm - in)	Min gripping spread (mm - in)
STANDARD	400 kg [881 lbs]	47 kg [97 lbs]	1171 x 866 mm [46.1 x 34 in]	868 x 671 mm [34.2 x 26.4 in]
PRO	400 kg [881 lbs]	47 kg [104 lbs]	1791 x 315 mm [70.5 x 12.4 in]	
		49 kg [108 lbs]	1556 x 1114 mm [61.3 x 43.8 in]	1338 x 974 mm [52.6 x 38.3 in]
LINE	400 kg [881 lbs]	48 kg [106 lbs]	2533 x 315 mm [99.7 x 12.4 in]	1970 x 315 mm [77.5 x 12.4 in]
	600 kg [1322 lbs]	52 kg [115 lbs]	2431 x 866 mm [95.7 x 34 in]	1867 x 671 mm [73.5 x 26.4 in]
XL	600 kg [1322 lbs]	60 kg [132.3 lbs]	2180 x 1516 mm [85.8 x 59.7 in]	1706 x 1210 mm [67.2 x 47.6 in]
The XL configuration includes all LINE configurations.				

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Available lifting arms

Customize your vacuum lifter with different types of lifting arms.

VB600 is provided **as default with the standard length lifting arm (B)**, but four other options are available:

A - short lifting arm

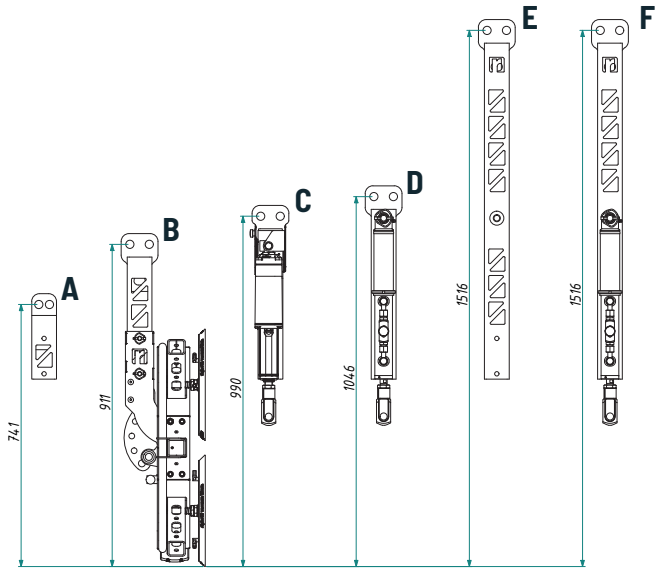
C - lifting arm with electric tilt

D - lifting arm with tilting brake

E - long lifting arm

F - long lifting arm with tilting brake

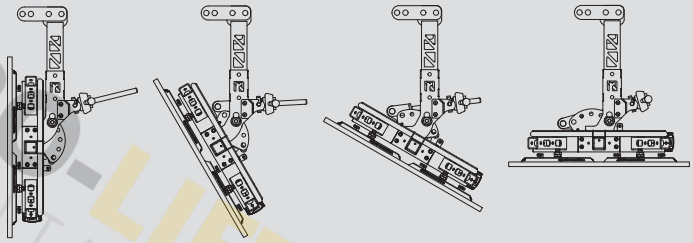
All models are compatible with the assisted tilting device, as long as other tilting accessories are not in use (i.e. electric tilt or tilting brake).



Assisted tilting device.

The assisted tilting device is an accessory designed and **patented by Righetti** that allows you to adjust the inclination of the glass without using electrical movements.
It consists of an endless screw that can be mounted on the suspension arm of the vacuum lifter.

Thanks to this option, the installer can tilt the glass in a controlled manner **both upwards and downwards**, thus simplifying the process of manoeuvring and positioning the glass.



PRO-LIFT SOLUTIONS