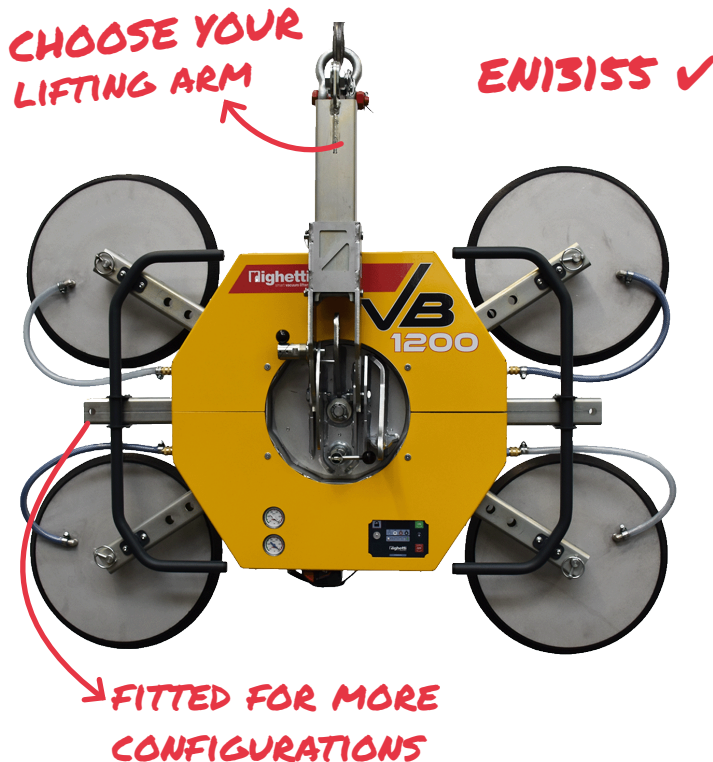


LIGHTWEIGHT. MODULAR. HIGHLY-PERFORMANT.

# VB1200

up to  
**1200 kg**

Power supply  
**Batteries**



VB1200 is the **battery-powered** vacuum glass lifter specifically designed for use on minicrane and other lifting means with limited capacity.

The VB1200 glass vacuum lifter features a **lightweight frame** and a great level of **modularity**. These features, combined with its universal 18V 5Ah battery, make VB1200 a great vacuum lifter for several glass applications.

VB1200 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



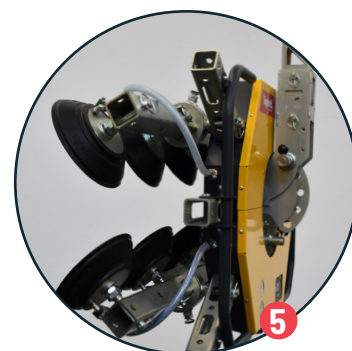
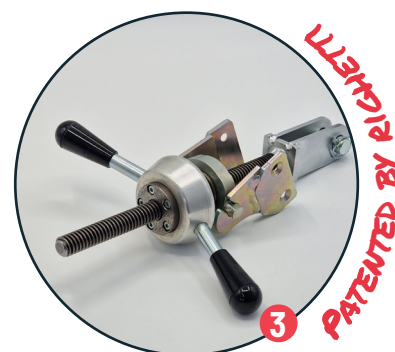
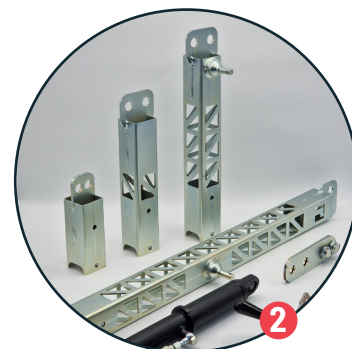
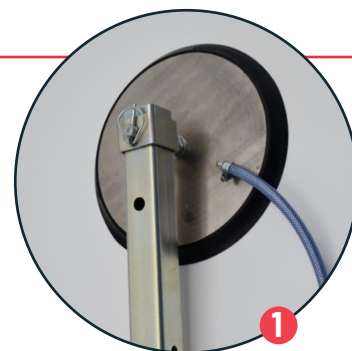
USE YOUR 18V LITHIUM BATTERY (1)

## Standard features

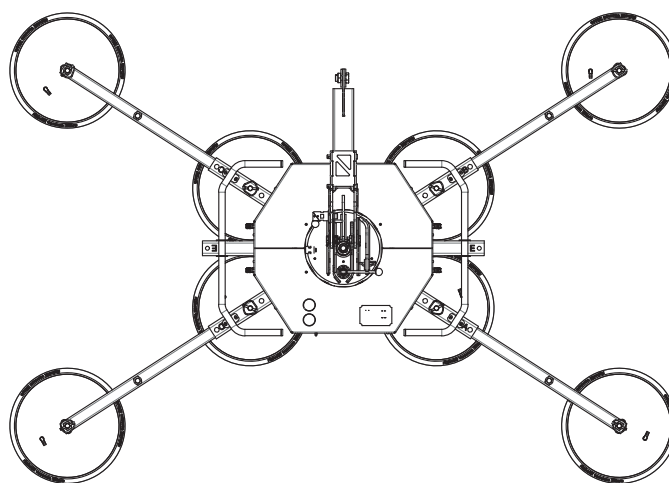
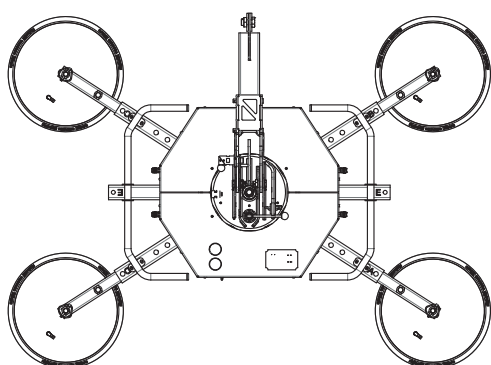
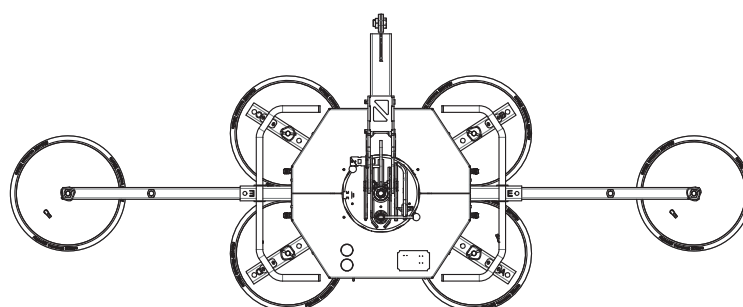
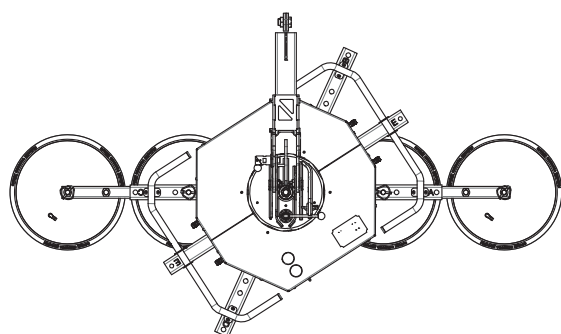
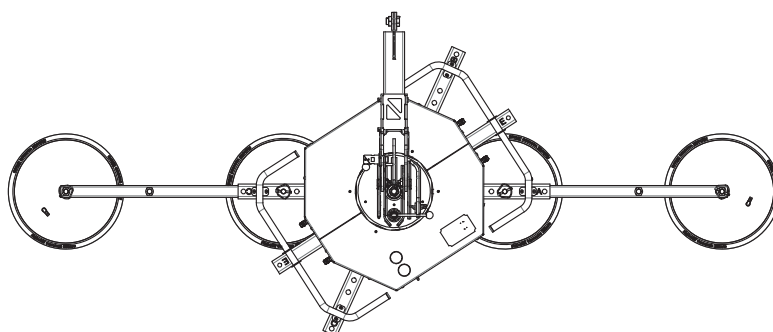
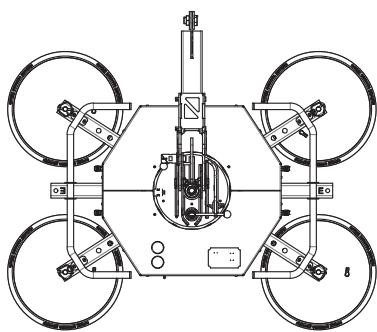
| Feature                                                            | How does it benefit your work?                                                                                                                                                   |
|--------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Four suction pads d. 390mm</b>                                  | Ensuring a lifting capacity of 600kg (1322 lbs), the suction pads are repositionable to adapt to the glass size.                                                                 |
| <b>Dual vacuum circuit</b>                                         | Extra safety during handling.                                                                                                                                                    |
| <b>360° infinite rotation</b>                                      | Smoother rotation system and enhanced fluidity.                                                                                                                                  |
| <b>0-90° tilt</b>                                                  | Improved mechanism for a lower resistance during tilt and a more balanced movement.                                                                                              |
| <b>All-round handlebar in rough finish</b>                         | Better load control and firmer grip during handling                                                                                                                              |
| <b>Vacuum control unit (VCU)</b>                                   | Redesigned for a more intuitive interface and a smarter functioning. The digital display and LED lights provide an easy control of the vacuum lifter.                            |
| <b>Immediate suction and release</b>                               | 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. |
| <b><sup>(1)</sup>Powered by 18V lithium battery (not included)</b> | You can use the 18V 5Ah batteries of your tools to power VB6120 thanks to its universal adapters. Please verify the compatibility of your batteries with our sales department.   |
| <b>Lightweight frame</b>                                           | Perfect for use on minicranes and other lifting means with limited capacity.                                                                                                     |
| <b>Closed casing</b>                                               | All electric and electronic components are protected inside the casing for a long-lasting functioning.                                                                           |

## Optional accessories

|                                                   |                                                                                                                     |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>1 Additional suction pads kits</b>             | Different configurations possible for a wider gripping spread and higher lifting capacity up to 1200kg (2645 lbs)   |
| <b>2 Additional lifting arms</b>                  | Choose the right hooking point depending on the glass' size                                                         |
| <b>3 Assisted tilt device (with mounting kit)</b> | Precise tilt of the load, both upwards and downwards. This optional is particularly helpful during glass placement. |
| <b>Tilting brake</b>                              | Slowing down the tilting of the glass downwards.                                                                    |
| <b>4 Lifting arm with electric tilt</b>           | 0-90° electric tilt managed by radio remote control and performed by one of the most compact actuators.             |
| <b>Transport and storage stands</b>               | Make storage and transport easier and faster by choosing amongst our selection of wheeled stands.                   |
| <b>Radio remote control</b>                       | Controlling the release of the glass at a distance.                                                                 |
| <b>5 Curved glass kit</b>                         | Swap the standard suction pads with a dedicated curved glass kit, ideal for both concave and convex glass.          |
| <b>Spacers for window frames</b>                  | In case of a deep window frame, the spacers increase the distance between the vacuum lifter's frame and the glass   |
| <b>Forklift attachment</b>                        | Use the forklift attachment to lift the vacuum lifter by means of a forklift or fork truck.                         |



## Technical drawings



PRO CONFIGURATIONS

LINE CONFIGURATIONS

XL CONFIGURATION

| Configuration                                          | Lifting capacity<br>(kg - lbs) | Own weight<br>(kg - lbs) | Max gripping spread<br>(mm - in) | Min gripping spread<br>(mm - in) |
|--------------------------------------------------------|--------------------------------|--------------------------|----------------------------------|----------------------------------|
| STANDARD                                               | 600 kg [1322 lbs]              | 58 kg [128 lbs]          | 1245 x 940 mm [49 x 37 in]       | 1018 x 794 mm [40 x 31.3 in]     |
| PRO                                                    | 600 kg [1322 lbs]              | 61 kg [135 lbs]          | 1865 x 390 mm [73.4 x 15.3 in]   |                                  |
|                                                        |                                | 64 kg [141 lbs]          | 1630 x 1188 mm [64.2 x 46.8 in]  | 1411 x 1047 mm [55.6 x 41.2 in]  |
| LINE                                                   | 600 kg [1322 lbs]              | 63 kg [139 lbs]          | 2607 x 390 mm [102.6 x 15.3 in]  | 2043 x 390 mm [80.4 x 15.3 in]   |
|                                                        | 900 kg [1984 lbs]              | 69 kg [152 lbs]          | 2505 x 940 mm [98.6 x 37 in]     | 1941 x 794 mm [76.4 x 31.3 in]   |
| XL                                                     | 1200 kg [2645 lbs]             | 79 kg [174 lbs]          | 2254 x 1590 mm [88.7 x 62.6 in]  | 1779 x 1284 mm [70 x 50.6 in]    |
| The XL configuration includes all LINE configurations. |                                |                          |                                  |                                  |

### Available lifting arms

Customize your vacuum lifter with different types of lifting arms.

VB1200 is provided **as default with the standard length lifting arm (B)**, but four other options are available:

A - short lifting arm

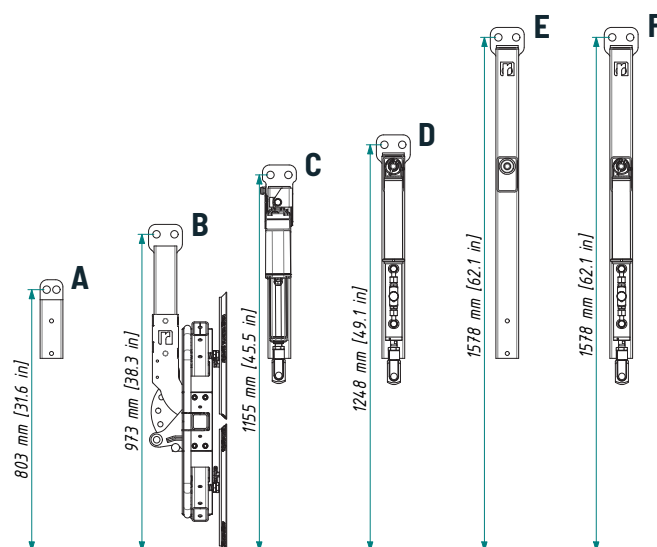
C - lifting arm with electric tilt

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).

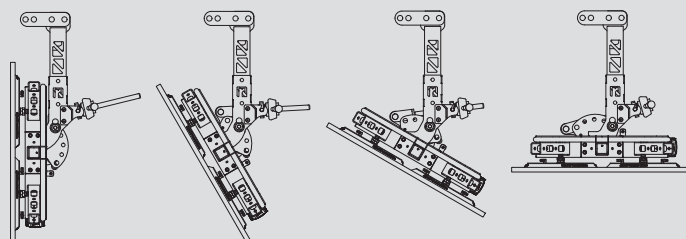


### **i** Assisted tilting device.

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.



## Transport and storage stands

A storage cart is an essential accessory to **facilitate transport** and to **protect the vacuum lifter** from accidental impacts. While it's not mandatory, we highly recommend opting for one.

We offer two parking stands:

- + with forklift frame (1200.0540)
- + with wheels and adjustable handlebar (1200.0551)

