

WOLIFT

Glass Vacuum Lifters

Vacuum Handling Expert

Glass Vacuum Lifters



Battery Manual Glass Vacuum Lifter for Outdoor Installation



Electric Hydraulic Glass Vacuum Lifter for Large Glass Installation



Pneumatic Glass Vacuum Lifter for Processing Lines



Curved Glass Vacuum Lifter for Installation and Handling



Glass Lifting Robot for Indoor and Construction Site Installation

BATTERY-POWERED VACUUM LIFTER

Portable DC power for flexible on-site glass handling.

BUILT-IN BATTERY PACK
High-capacity rechargeable battery powers the lifter for extended use.

BATTERY POWER INDICATOR
Clear indicator shows battery status at a glance for easy monitoring.

PORTABLE OPERATION
Compact, self-contained design for easy transport and use anywhere.

NO EXTERNAL POWER CABLE
Operate without power cables for safer, cleaner and more efficient work.

POWER FEATURES

- Runs entirely on rechargeable battery power.
- Supports mobile operation on any job site.
- Eliminates external power cables during use.
- Ideal for safe and efficient glass lifting on site.

RECHARGEABLE POWER
Reliable battery power for consistent performance.

MOBILE USE
Go anywhere, lift anywhere with complete freedom on site.

SAFE & RELIABLE
Engineered for safe operation and dependable performance.

90° TILTING & 360° ROTATION

Flexible positioning for safer glass installation and handling.

90° TILTING
Smooth and controlled tilting from vertical to horizontal.

FLEXIBLE POSITIONING
Tilt and rotate to reach the perfect position with ease.

360° ROTATION
Continuous full rotation for precise alignment in any direction.

STABLE HANDLING
Strong vacuum grip and robust frame ensure secure lifting.

VERTICAL TO HORIZONTAL (90°)

FULL 360° ROTATION

MOVEMENT FEATURES

- 90° controlled tilting from vertical to horizontal.
- Full 360° rotation for precise positioning.
- Easier alignment in tight or complex spaces.
- Improved installation efficiency and productivity.

POWERED TILTING
Motorized tilt system delivers smooth, controlled 90° movement.

360° ROTATION
Electric rotation provides continuous positioning in any direction.

SAFE OPERATION
Reliable vacuum system and safety features ensure secure and confident lifting.

MODULAR DESIGN & FLEXIBLE ASSEMBLY

Configurable suction cup modules for different glass sizes and lifting tasks.

MODULAR FRAME
Independent structural modules for quick assembly and reliable performance.

EXPANDABLE SUCTION LAYOUT
Add or reposition suction cup modules to increase coverage and load stability.

ADJUSTABLE CONFIGURATION
Arms can be positioned in multiple angles to fit different workplace shapes and sizes.

CUSTOM ASSEMBLY
Build the configuration that meets your exact lifting requirements.

COMPACT SQUARE CONFIGURATION
Ideal for small to medium glass handling and tight working spaces.

WIDE CROSS-ARM CONFIGURATION
Ideal for large glass panels and heavy-duty lifting tasks.

MODULAR FEATURES

- Modules can be arranged freely to create multiple configurations.
- The frame can be configured for different workplace sizes and shapes.
- Suction layouts can be adapted to increase contact area and load stability.
- The design supports custom lifting solutions for diverse applications.

FLEXIBLE CONFIGURATION
Adapt quickly to different glass sizes and tasks.

CUSTOM SOLUTIONS
Assemble the perfect solution for your needs.

EASY ADAPTATION
Reconfigure in minutes for maximum efficiency.

OPTIONAL WIRELESS REMOTE CONTROL

Convenient remote operation for safer and more efficient handling.

REMOTE OPERATION
Operate lifting, release and tilt functions from a safe distance.

OPTIONAL WIRELESS REMOTE
Add a wireless remote control for greater flexibility.

CONVENIENT CONTROL
Intuitive buttons for smooth and precise operation.

SAFER DISTANCE HANDLING
Keep a safe distance from both and potential hazards.

OPTIONAL FEATURES

- A wireless remote control can be added as an optional accessory.
- Operators can control lifting, release and tilt functions from a distance.
- Improves convenience and reduces the need to be close to the load.
- Enhances safety by keeping operators away from potential risks.

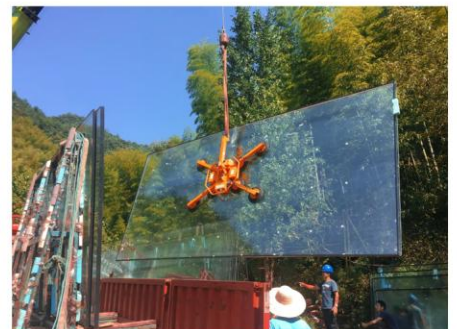
WIRELESS CONTROL
Reliable wireless signal for responsive operation.

EASY OPERATION
Intuitive controls for quick and simple use.

SAFER HANDLING
Operate from a safe distance for greater protection.

Model	Loading	Size (mm)	Sucker Size (mm)	Sucker Number	Power System	Control Mode	Function
WO-BLHWS400 (x)	400KG	900×730×240	Φ300	4	DC12V	Manual / Remote	0-90° Manual Flip + 0-360° Manual Rotation
WO-BLHWS600 (x)	600KG	1800×1190×240	Φ300	6			
WO-BLHWS800 (x)	800KG	1800×1190×240	Φ300	8			

Applications



BATTERY-POWERED VACUUM LIFTER

Portable DC power for flexible on-site handling.

BUILT-IN BATTERY PACK
High-capacity rechargeable battery pack provides reliable DC power for extended operation.

BATTERY POWER INDICATOR
Easy-to-read display shows remaining battery level for confident operation all day long.

PORTABLE OPERATION
Compact, lightweight design with integrated lift eye for quick transport and easy positioning.

NO EXTERNAL POWER CABLE
Fully self-contained battery power means no trailing cables and unrestricted movement on-site.

POWER FEATURES

- ✓ Rechargeable battery power for reliable performance.
- ✓ Fully mobile operation without external power source.
- ✓ No trailing power cable for safer, clutter-free work.
- ✓ Built for efficient, safe handling on every job site.

RECHARGEABLE POWER
High-capacity battery delivers long-lasting performance and is easy to recharge.

MOBILE USE
Move it where you need it. Perfect for indoor and outdoor job-site applications.

SAFE & RELIABLE
Battery power ensures consistent suction performance for safe lifting.

90° TILTING & 360° ROTATION

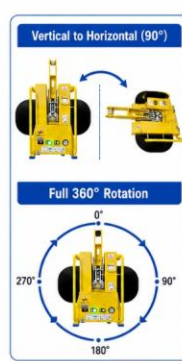
Flexible positioning for safer material handling.

90° Tilting
Flexible Positioning
Stable Handling

360° Rotation



Vertical to Horizontal (90°)
Full 360° Rotation



MOVEMENT FEATURES

- ✓ 90-degree powered tilting for vertical to horizontal handling.
- ✓ Full 360-degree rotation for precise alignment.
- ✓ Easier positioning of loads in any direction.
- ✓ Improved efficiency and reduced handling time.

POWERED TILTING
Smooth 90° tilting from vertical to horizontal for versatile handling.

360° ROTATION
Continuous rotation for precise positioning and maximum flexibility.

SAFE OPERATION
Sturdy design ensures stable and secure material handling.

SPONGE SUCTION PADS FOR CORRUGATED BOARD

Designed for secure lifting of corrugated sheets and uneven surfaces.

SPONGE SUCTION PAD
Soft, porous sponge material delivers excellent sealing and strong vacuum hold.

LARGE CONTACT AREA
Wider surface coverage improves stability and reduces pressure on the load.

LIFTS CORRUGATED BOARD SECURELY AND STABLY



SUITABLE FOR CORRUGATED BOARD
Ideal for lifting corrugated sheets with columns, flutes, and uneven or irregular surfaces.

GENTLE SURFACE HANDLING
Soft sponge contact protects board surfaces from dents, scratches, and marks.

SUCTION FEATURES

- ✓ Sponge pads conform to uneven and porous surfaces.
- ✓ Strong grip on corrugated and irregular surfaces.
- ✓ Large, adaptable sealing area for reliable vacuum.
- ✓ Secure and stable lifting with reduced slippage.

SPONGE PAD DESIGN
Soft, porous material adapts to surface variations for airtight sealing.

CORRUGATED BOARD HANDLING
Designed to lift corrugated sheets with flutes, gips, and uneven surfaces with confidence.

SECURE GRIP
Powerful vacuum and sponge contact ensure a strong, stable hold every time.

OPTIONAL WIRELESS REMOTE CONTROL

Convenient remote operation for safer and more efficient handling.

Remote Operation
Operate the lifter functions remotely for greater flexibility and control.

Safer Distance Handling
Keep a safe distance from the load for improved operator safety.



Convenient Control
Easily control all key functions with a compact remote.

Optional Wireless Remote



OPTIONAL FEATURES

- ✓ Optional wireless remote control for added convenience.
- ✓ Control lifting, release, and vacuum functions from a safe distance.
- ✓ Improved operational convenience and efficiency.
- ✓ Enhanced operator safety and reduced on-site risk.

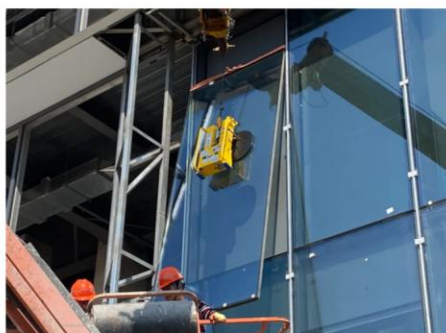
WIRELESS CONTROL
Reliable wireless connection for smooth and responsive operation.

EASY OPERATION
Intuitive buttons for fast and simple control of all key functions.

SAFER HANDLING
Operate from a safe distance to protect operators and improve workplace safety.

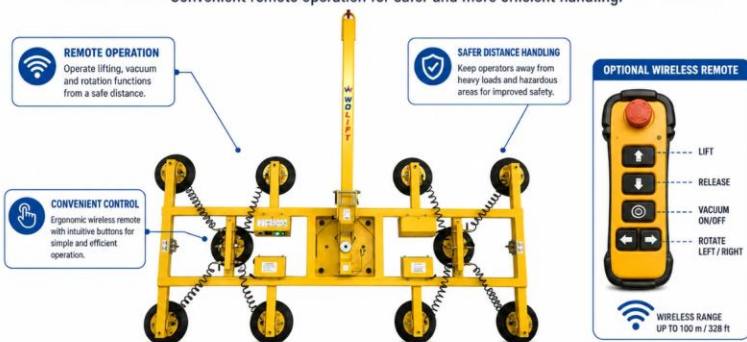
Model	Loading	Size (mm)	Sucker Size (mm)	Sucker Number	Power System	Control Mode	Function
WO-BLHWS500 (i)	500KG	800×400×240	800×400	1	DC12V	Manual / Remote	0-90°
WO-BLHWS750 (i)	750KG	1000×500×240	1000×500	1			Manual Flip + 0-360° Manual Rotation

Applications



OPTIONAL WIRELESS REMOTE CONTROL

Convenient remote operation for safer and more efficient handling.

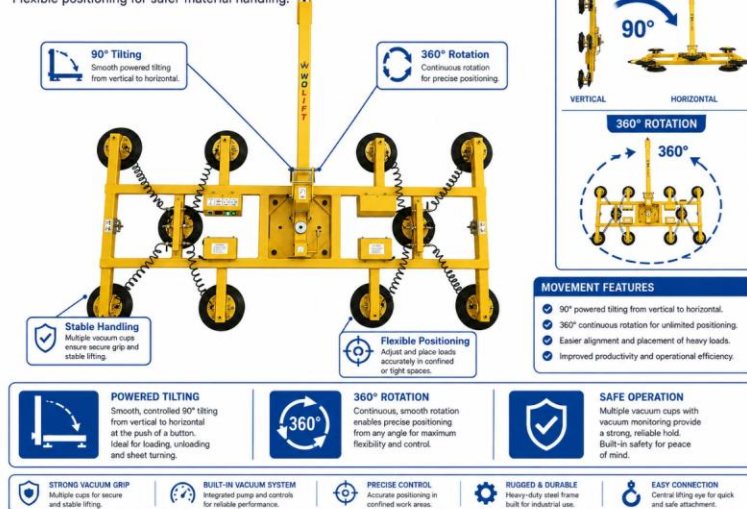


OPTIONAL FEATURES



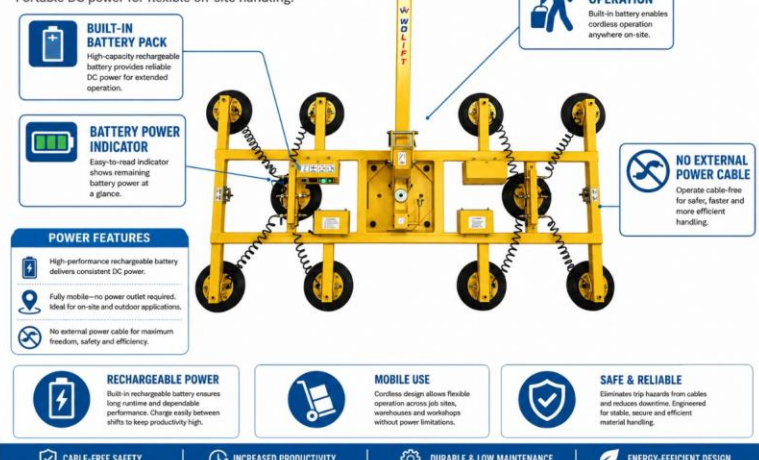
90° TILTING & 360° ROTATION

Flexible positioning for safer material handling.



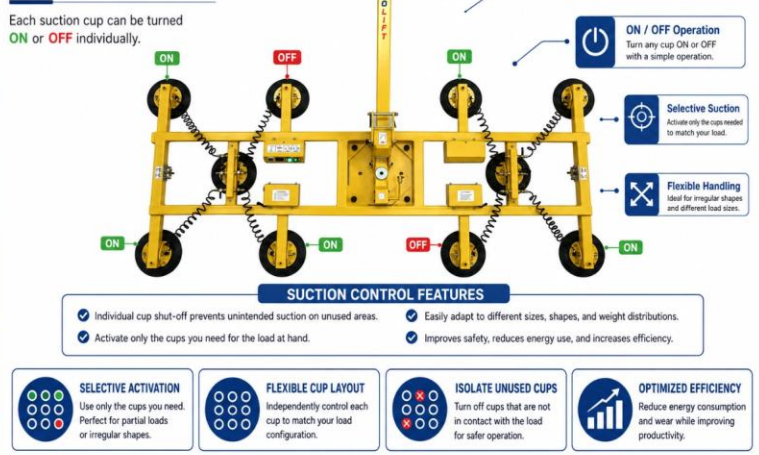
BATTERY-POWERED VACUUM LIFTER

Portable DC power for flexible on-site handling.



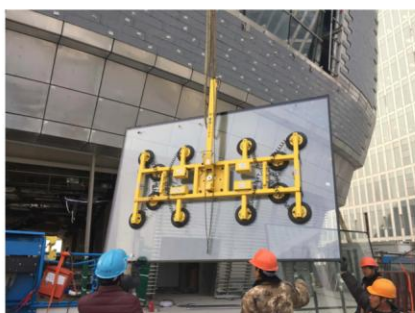
INDEPENDENT SUCTION CUP CONTROL

Each suction cup can be turned ON or OFF individually.



Model	Loading	Size (mm)	Sucker Size (mm)	Sucker Number	Power System	Control Mode	Function
WO-BLHWS800 (h)	800KG	1650×1000×240	Φ300	8	DC12V	Manual / Remote	0-90° Manual Flip + 0-360° Manual Rotation
WO-BLHWS1000 (h)	1000KG	(625+1400+625) × 1000 × 240	Φ300	10			
WO-BLHWS1200 (h)	1200KG	2500×1200×390	Φ300	12			
WO-BLHWS1500 (h)	1500KG	(750+2500+750) × 1200 × 390	Φ300	16			

Applications





ELECTRIC DRIVE SERIES

- ✓ Battery Powered
- ✓ Wireless Remote Control
- ✓ 90° Tilting by Electric Cylinder
- ✓ 360° Rotation by Electric Drive
- ✓ Load Capacity: **600 / 850 / 1000 KG**



HYDRAULIC DRIVE SERIES

- ✓ Battery Powered
- ✓ Wireless Remote Control
- ✓ 90° Tilting by Hydraulic Cylinder
- ✓ 360° Rotation by Hydraulic Drive
- ✓ Load Capacity: **1500 / 2000 / 2500 / 3000 / 5000 / 10000 KG**



Battery
Powered



Wireless
Remote



90°
Tilting



360°
Rotation



Safe
Handling



Heavy-Duty
Performance

Model	Loading	Size (mm)	Sucker Size (mm)	Sucker Number	Power System	Control Mode	Function
WO-BLHWD600(d)	600KG	(625+1400+625) × 1000 × 480	Φ300	6	DC48V		0-90° Electric Flip +0-360° Electric Rotation
WO-BLHWD800(d)	850KG			8			
WO-BLHWD1000(d)	1000KG			10			
WO-BLHWD1500(y)	1500KG	(1375+2500+1375) × 1340 × 580	Φ300	16	DC24V	Wireless Remote	0-90° Hydraulic Flip + 0-360° Hydraulic Rotation
WO-BLHWD2000(y)	2000KG	(1375+2500+1375) × 1340 × 580	Φ300	22			
WO-BLHWD2500(y)	2500KG	(1375+2500+1375) × 1340 × 580	Φ300	26			
WO-BLHWD3000(y)	3000KG	(2600+2800+2600) × 600	1200 × 640	6			
WO-BLHWD5000(y)	5000KG	(2000+4300+2000) × 1900	1200 × 640	12			
WO-BLHWD10000(y)	10000KG	(3000+6000+3000) × 1900	1200 × 640	20			

90° Tilting • 360° Rotation • Battery Powered

MANUAL VERSION



- ✓ Battery Powered
- ✓ Manual Model
- ✓ Optional Remote Control
- ✓ Load Capacity: 250 / 500 / 600 KG
- ✓ Adjustable Suction Cup Angle
- ✓ Suitable for Inner Arc and Outer Arc Handling

ELECTRIC VERSION



- ✓ Battery Powered
- ✓ Electric Model
- ✓ Standard Wireless Remote Control
- ✓ Load Capacity: 400 / 600 KG
- ✓ 90° Tilting & 360° Rotation
- ✓ Adjustable Suction Cup Angle
- ✓ Suitable for Inner Arc and Outer Arc Handling



Battery
Powered



Optional /
Wireless Remote



90°
Tilting



360°
Rotation



Adjustable
Cup Angle



By adjusting the suction cup angle,
the lifter can handle **inner-curved** and **outer-curved** surfaces.

Model	Loading	Size (mm)	Sucker Size (mm)	Sucker Number	Power System	Control Mode	Function
WO-BLHM250(s)	250KG	1200×560	Φ240	4	DC12V	Manual / Remote	0-90° Manual Flip + 0-360° Manual Rotation
WO-BLHM500(s)	500KG	1800×560	Φ240	8			
WO-BLHM600(s)	600KG	2400×560	Φ240	12			
WO-BLHM400(d)	400KG	1800×560	Φ240	8	DC48V	Wireless Remote	0-90° Electric Flip + 0-360° Electric Rotation
WO-BLHM600(d)	600KG	2400×560	Φ240	12			



Safe Load: 150KG、250KG、350KG、400KG

Power System: Compressed air (0.6-0.8Mpa)

Product Features: ● **WO-BLJG** series is suitable for fixed workstations in glass deep processing;

● For example: insulating glass production line, laminated glass production line, glass edge grinding, water jet cutting and other glass upper and lower pieces;

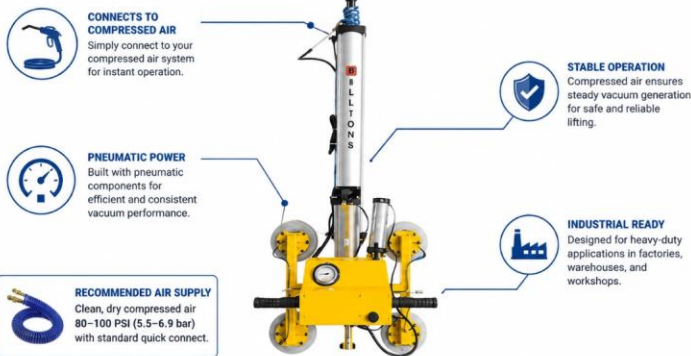
● Fixed workstations are used with Standing Jib Cranes, Wall-mounted Jib Cranes and Overhead Gantry Cranes, which is convenient and fast;

● Cylinder lifting can achieve 0-90° pneumatic flipping and 0-90° pneumatic rotation of glass;

● German HAFNER pneumatic control valve can perform millimeter-level fine-tuning of the cylinder.

COMPRESSED AIR CONNECTION

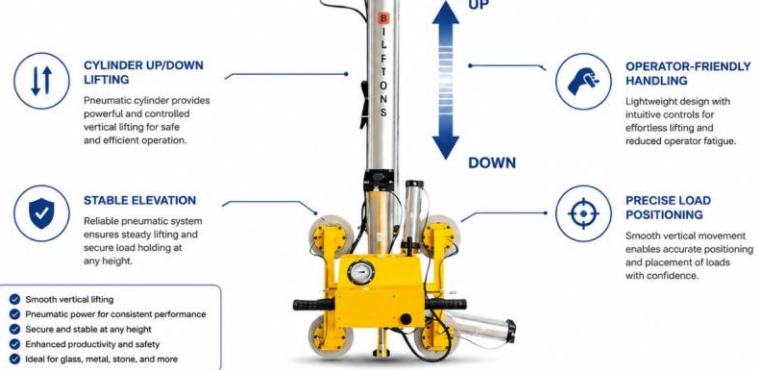
Works with compressed air supply for reliable vacuum handling.



- RELIABLE CONNECTION**
Standard air connection for quick and secure.
- LOW MAINTENANCE**
Pneumatic system requires minimal maintenance for.
- BOOSTS PRODUCTIVITY**
Fast response and consistent performance improve safety.

CYLINDER LIFTING

Pneumatic cylinder lifting for smooth vertical movement.



- SAFE & RELIABLE**
Engineered for safe lifting with secure load holding and overload protection.
- EFFICIENT & FAST**
Quick lifting and positioning improve workflow and maximize productivity.
- DURABLE & LOW MAINTENANCE**
Built with high-quality components for long service life and minimal maintenance requirements.

90° ROTATION

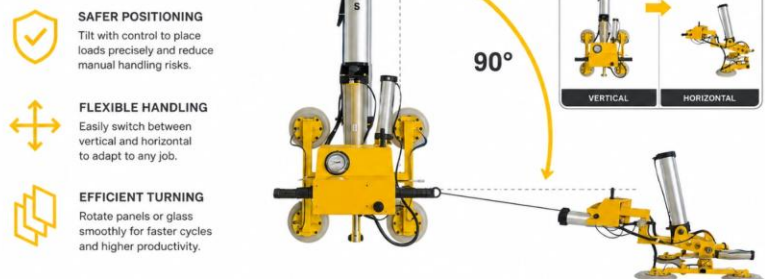
Rotates the load by 90 degrees for flexible placement.



- POWERFUL VACUUM GRIP**
Securely lifts and holds a wide range of non-porous materials.
- DURABLE & RELIABLE**
Built with high-quality components for long-term performance in demanding environments.
- LIGHTWEIGHT DESIGN**
Easy to maneuver and operate, reducing operator fatigue and improving productivity.

90° TILTING

Turns the load from vertical to horizontal with a 90-degree tilt.

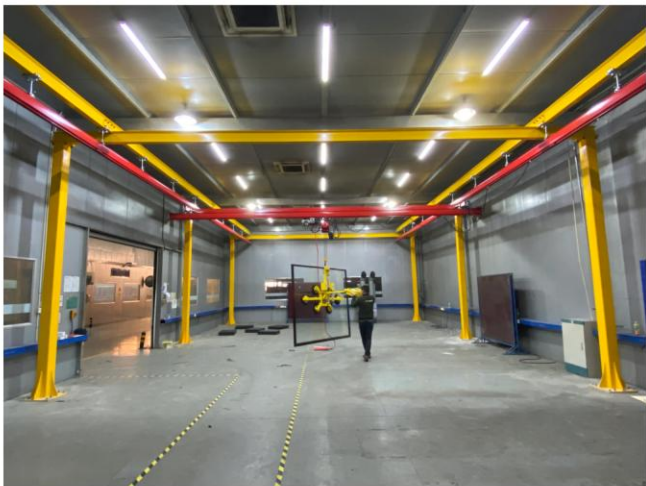


- STRONG HOLD**
High-performance vacuum system secures loads with confidence.
- BUILT TO LAST**
Rugged construction and quality components for long-term reliability.
- EASY TO OPERATE**
Ergonomic controls and clear gauge for safe, intuitive use.

Pneumatic Glass Vacuum Lifter for Processing Lines

Model	Product Image	Load Capacity (KG)	Function	Sucker Size (mm)	Sucker Quantity	Air Supply
WO-BLJG150		150	0-90° Flipping + 0-90° Rotation	Φ250	2	≥0.7 MPa
WO-BLJG250		250			4	
WO-BLJG350		350			6	
WO-BLJG400		400			8	

Applications



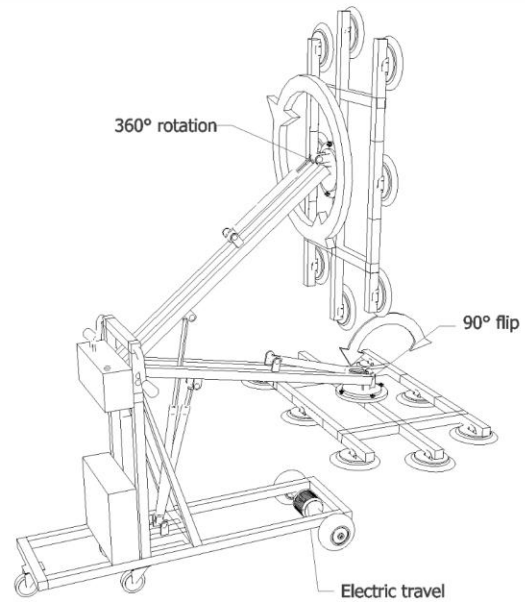
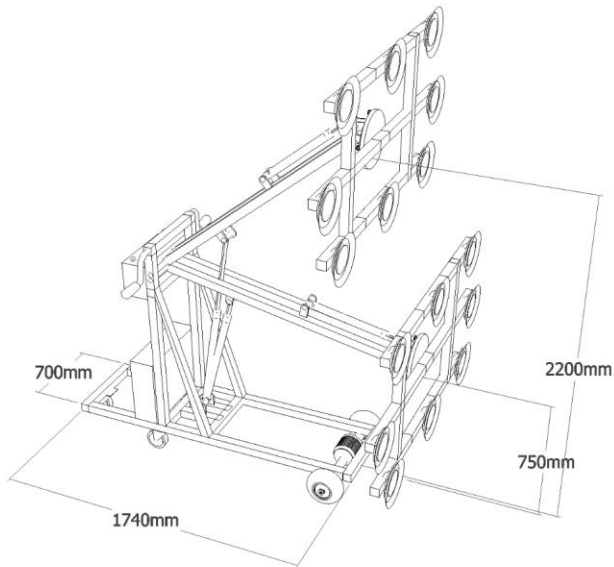
Pneumatic Glass Vacuum Lifter for Processing Lines



Safe Load: 600KG ~ 1200KG
Power System: DC12V

WO-BLC Key Features:

- Electric travel (4-direction: forward/back, left/right)
- Battery-powered, with vacuum pump and battery included
- Suction cup: 360° manual rotation, 90° manual side tilt (left/right), and 90° electric tilt
- Removable anti-tip support wheels
- Detachable boom and suction cup for elevator access



Model	Loading	Size (mm)	Sucker Size (mm)	Sucker Number	Power System	Function
WO-BLC 600	600KG	1800x830x1300	Φ250	6	DC48V	360° manual rotation, 90° manual side tilt (left/right), and 90° electric tilt
WO-BLC 900	900KG	1800x830x1300	Φ250	8		
WO-BLC 1100	1100KG	1800x830x1300	Φ250	10		
WO-BLC 1200	1200KG	1800x830x1300	Φ250	12		