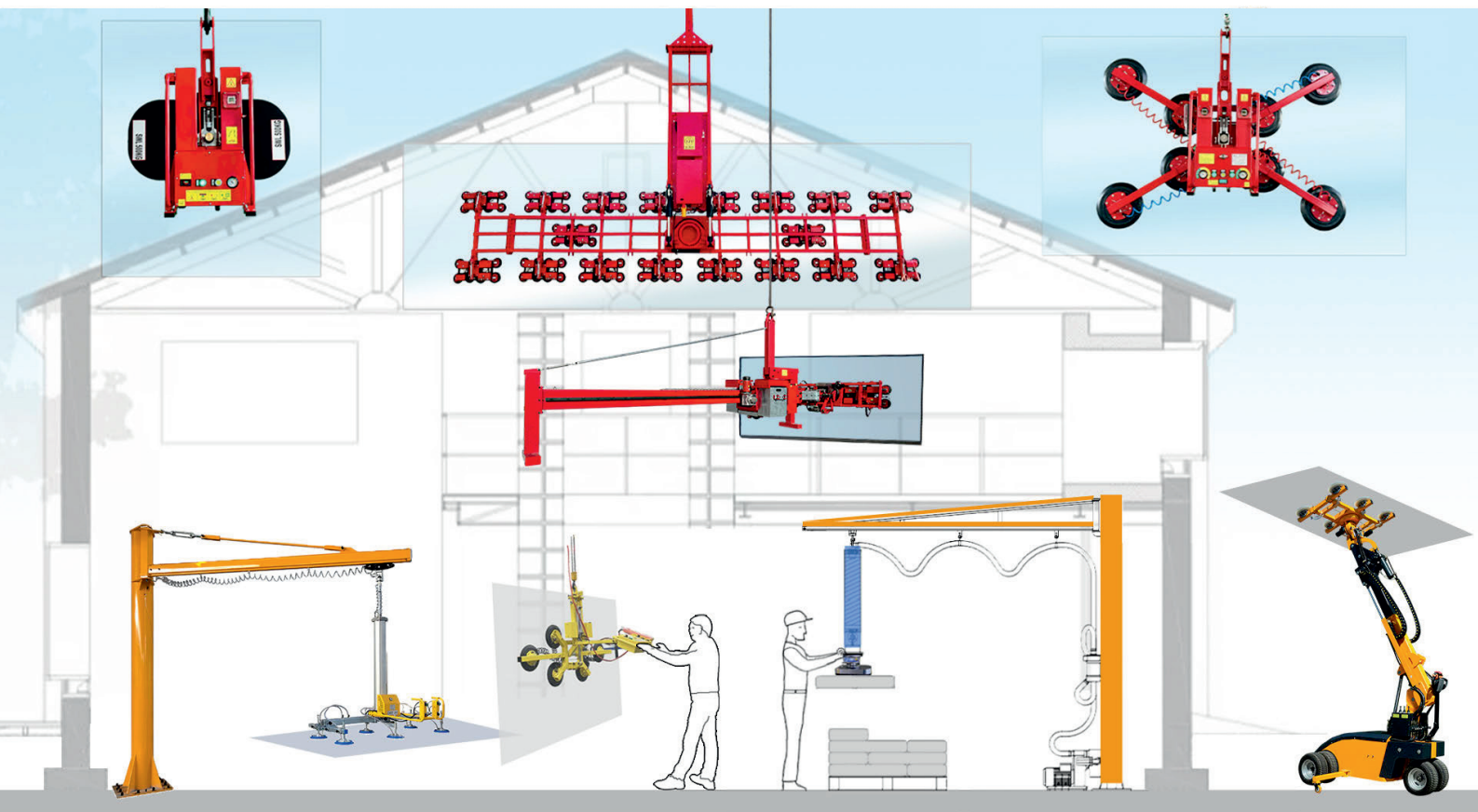


# ***Awovolift***

## **Focus on Intelligent Vacuum Lifter Equipment Manufacturer and Service Provider--Awovolift**



Shanghai · China



## COMPANY CHARACTERISTICS

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### Extensive user scale

Awovolift with good product quality and service, have good customer evaluation and continuous user experience. We service to 80 countries and regions including the United States, Canada, Mexico, Germany, Hungary, Spain, Australia, Thailand, Russia, South Korea, Kuwait, Qatar, Israel, Malaysia, Brazil, Czech Republic, Chile, Croatia, Singapore, Belarus, Saudi Arabia and Chinese Hongkong, Chinese Macao and Chinese Taiwan, Awovolift has a good international reputation.

### Professional service team

Awovolift has a team of professional and excellent design engineers, product engineers with the spirit of craftsman and innovation, who can design in combination with customers' drawings and specifications, supply professional customized services, supply customers with high-quality and cost-effective products and service.

### Trusted after-sales service

All along, Awovolift's full range of products provide customers with a 2-year free warranty, and provide customers with a series of industrial intelligent handling equipment and complete solutions of vacuum technology with high cost performance advantages.







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## 1-1 Mechanical Vacuum Lifters AL-BW

| Product                                                                             | Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <p><b>Safe Load:</b> 80KG、300KG、800KG、2000KG</p> <p><b>Power System:</b> No power, Self-priming</p> <p><b>Product Features:</b></p> <ul style="list-style-type: none"> <li>● Small size, light weight, heavy load;</li> <li>● No installation required, the suction cup ring can be directly connected to the crane hook;</li> <li>● No control buttons or external power are required, and it is not affected by power failure or insufficient voltage;</li> <li>● Suitable for aluminum plates, stainless steel plates, and also suitable for the lifting and handling of other metal and non-metal plates with smooth and dense surfaces.</li> </ul>                                              |
|  | <p><b>Safe Load:</b> 600KG、800KG、1000KG</p> <p><b>Power System:</b> No power, Self-lifting</p> <p><b>Product Features:</b></p> <ul style="list-style-type: none"> <li>● Multiple suction cups and multi-point suction of thin plates are safer and more reliable;</li> <li>● No installation is required, the suction cup can be directly connected to the crane hook;</li> <li>● No control buttons or external power are required, and it is not affected by power outages or insufficient voltage;</li> <li>● Suitable for aluminum plates, stainless steel plates, and also suitable for the lifting and handling of other metal and non-metal plates with smooth and dense surfaces.</li> </ul> |

| Product & Model | Safety Loading | Size (mm)     | Sucker Diameter (mm) | Sucker Number | Power System | Control Mode | Dead Load |
|-----------------|----------------|---------------|----------------------|---------------|--------------|--------------|-----------|
| AL-BW80-1S      | 80KG           | Φ200×550      | Φ200                 | 1pcs          | Mechanical   | Automation   | 5KG       |
| AL-BW300-1S     | 300KG          | Φ360×700      | Φ360                 | 1pcs          |              |              | 26KG      |
| AL-BW800-1S     | 800KG          | Φ450×850      | Φ450                 | 1pcs          |              |              | 90KG      |
| AL-BW2000-1S    | 2000KG         | 1000×580×750  | 1000×580             | 1pcs          |              |              | 270KG     |
| AL-BW600-6S     | 600KG          | 2000×800×1140 | Φ230                 | 6pcs          |              |              | 180KG     |
| AL-BW800-4S     | 800KG          | 1500×800×1140 | Φ300                 | 4pcs          |              |              | 160KG     |
| AL-BW1000-2S    | 1000KG         | 2000×450×1200 | Φ450                 | 2pcs          |              |              | 220KG     |





Aluminum Sheet Lifting

Mechanical Vacuum Lifter (Single Sucker)  
AL-BW80-1S (80KG)



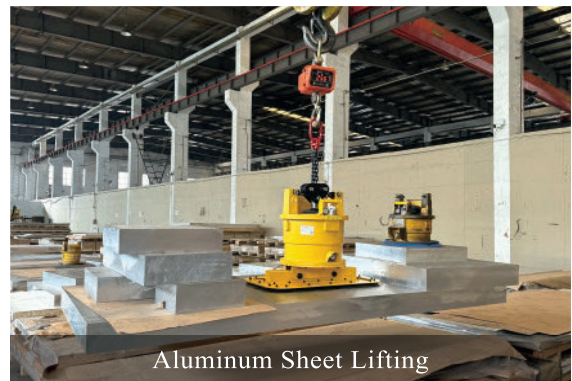
Aluminum Sheet Lifting

Mechanical Vacuum Lifter (Single Sucker)  
AL-BW300-1S (300KG)



Aluminum Sheet Lifting

Mechanical Vacuum Lifter (Single Sucker)  
AL-BW800-1S (800KG)



Aluminum Sheet Lifting

Mechanical Vacuum Lifter (Single Sucker)  
AL-BW2000-1S (2000KG)



Stainless Steel Plate Lifting

Mechanical Vacuum Lifter (6 Suckers)  
AL-BW600-6S (600KG)



PET Sheet Lifting

Mechanical Vacuum Lifter (4 Suckers)  
AL-BW800-4S (800KG)

## 1-2 Board Small-scale Vacuum Lifters AL-BM

| Product                                                                            | Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | <b>Safe Load:</b> 500KG ~ 2500KG<br><b>Power System:</b> AC208-460V ( $\pm 10\%$ )<br><b>Product Features:</b> <ul style="list-style-type: none"> <li>AL-BMJ series is particularly suitable for working conditions with poor surface conditions of plates and long-term uninterrupted operation;</li> <li>Fast suction speed, high vacuum degree, and long equipment service life;</li> <li>Especially suitable for laser cutting plate loading.</li> </ul>                   |
|   | <b>Safe Load:</b> 500KG ~ 2500KG<br><b>Power System:</b> DC12V<br><b>Product Features:</b> <ul style="list-style-type: none"> <li>AL-BMZ series is also suitable for hoisting and handling other metal and non-metal plates with smooth surfaces;</li> <li>No external electricity or gas is required during use, which is convenient for large-scale mobile use;</li> <li>Especially suitable for laser cutting plate loading.</li> </ul>                                     |
|  | <b>Safe Load:</b> $\leq 500\text{KG}$<br><b>Power System:</b> Compressed air (0.6-0.8Mpa)<br><b>Product Features:</b> <ul style="list-style-type: none"> <li>AL-BMQ series is particularly suitable for short-distance, intensive, and frequent operation of laser cutting plate feeding;</li> <li>Cylinder lifting is more efficient instead of electric hoist, and it is used with standing jib cranes and wall-mounted jib cranes, which is convenient and fast.</li> </ul> |

| Product&Model  | Safety Loading | Size (mm)                 | Sucker Diameter (mm) | Sucker Number | Power System              | Control Mode    | Dead Load |
|----------------|----------------|---------------------------|----------------------|---------------|---------------------------|-----------------|-----------|
| AL-BMJ500-6S   | 500KG          | 2000×800×720              | Φ230                 | 6 pcs         | AC208-460V ( $\pm 10\%$ ) | Manual / Remote | 120KG     |
| AL-BMZ500-6S   | 500KG          | 2000×800×720              | Φ230                 | 6 pcs         | DC12V                     |                 | 120KG     |
| AL-BMQ500-6S   | 500KG          | 2000×800×2100             | Φ230                 | 6 pcs         | Pneumatic                 |                 | 155KG     |
| AL-BMJ1000-6S  | 1000KG         | 2000×800×720              | Φ300                 | 6 pcs         | AC208-460V ( $\pm 10\%$ ) |                 | 125KG     |
| AL-BMZ1000-6S  | 1000KG         | 2000×800×720              | Φ300                 | 6 pcs         | DC12V                     |                 | 125KG     |
| AL-BMJ800-8S   | 800KG          | 2800×800×720              | Φ230                 | 8 pcs         | AC208-460V ( $\pm 10\%$ ) |                 | 140KG     |
| AL-BMZ800-8S   | 800KG          | 2800×800×720              | Φ230                 | 8 pcs         | DC12V                     |                 | 140KG     |
| AL-BMJ1500-8S  | 1500KG         | 2800×800×720              | Φ300                 | 8 pcs         | AC208-460V ( $\pm 10\%$ ) |                 | 150KG     |
| AL-BMZ1500-8S  | 1500KG         | 2800×800×720              | Φ300                 | 8 pcs         | DC12V                     |                 | 150KG     |
| AL-BMJ1000-10S | 1000KG         | (1000+3000+1000)×1000×950 | Φ230                 | 10 pcs        | AC208-460V ( $\pm 10\%$ ) |                 | 250KG     |
| AL-BMZ1000-10S | 1000KG         | (1000+3000+1000)×1000×950 | Φ230                 | 10 pcs        | DC12V                     |                 | 250KG     |
| AL-BMJ2000-10S | 2000KG         | (1000+3000+1000)×1000×950 | Φ300                 | 10 pcs        | AC208-460V ( $\pm 10\%$ ) |                 | 260KG     |
| AL-BMZ2000-10S | 2000KG         | (1000+3000+1000)×1000×950 | Φ300                 | 10 pcs        | DC12V                     |                 | 260KG     |
| AL-BMJ2500-12S | 2500KG         | (1000+3000+1000)×1000×950 | Φ300                 | 12 pcs        | AC208-460V ( $\pm 10\%$ ) |                 | 280KG     |
| AL-BMZ2500-12S | 2500KG         | (1000+3000+1000)×1000×950 | Φ300                 | 12 pcs        | DC12V                     |                 | 280KG     |





Horizontal Lifting of Cold Rolled Sheet

AC-Vacuum Lifter (6 Suckers)  
AL-BMJ1000-6S (1000KG)



Horizontal Lifting of Carbon Steel Sheet

DC-Vacuum Lifter (6 Suckers)  
AL-BMZ1000-6S (1000KG)



Horizontal Lifting of Stainless Steel Sheet

Pneumatic-Vacuum Lifter (6 Suckers)  
AL-BMQ500-6S (500KG)



Horizontal Lifting of Carbon Steel Sheet

AC-Vacuum Lifter (8 Suckers)  
AL-BMZ1500-8S (1500KG)



Horizontal Lifting of Stainless Steel Sheet

DC-Vacuum Lifter (10 Suckers)  
AL-BMZ2000-10S (2000KG)



Horizontal Lifting of Carbon Steel Sheet

DC-Vacuum Lifter (10 Suckers) Long Battery Life  
AL-BMZ2000-10S (2000KG)

## 1-3 Board Large-scale Vacuum Lifters AL-BL

| Product                                                                           | Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>Safe Load:</b> 3T ~ 20T<br/> <b>Power System:</b> DC12V / AC208-460V (±10%)<br/> <b>Product Features:</b></p> <ul style="list-style-type: none"> <li>● AL-BL series is professionally customized for large plates of 3 tons and above;</li> <li>● Equipped with large-flow vacuum pumps or multi-vacuum systems;</li> <li>● National standard square tubes, high structural strength, safe and reliable;</li> <li>● Optional Harmony patented UPS backup power system, super strong pressure maintenance for more than 6 hours;</li> <li>● The position of the suction cup can be adjusted to meet the changes in different plate sizes.</li> </ul> |

| Product&Model  | Safety Loading | Size (mm)             | Sucker Diameter (mm) | Sucker Number | Power System      | Control Mode    | Dead Load |
|----------------|----------------|-----------------------|----------------------|---------------|-------------------|-----------------|-----------|
| AL-BLZ3000-16S | 3000KG         | 6000×1200             | Φ300                 | 16 pcs        | DC12V             | Manual / Remote | 600KG     |
| AL-BLJ3000-16S | 3000KG         | 6000×1200             | Φ300                 | 16 pcs        | AC208-460V (±10%) |                 | 600KG     |
| AL-BLJ5000-10S | 5000KG         | 6000×1200             | Φ450                 | 10 pcs        | AC208-460V (±10%) |                 | 1000KG    |
| AL-BLJ10T-10S  | 10T            | (6000+6000)×2000      | 850×450              | 10 pcs        | AC208-460V (±10%) |                 | 2800KG    |
| AL-BLJ20T-20S  | 20T            | (6000+6000+6000)×2000 | 850×450              | 20 pcs        | AC208-460V (±10%) |                 | 5500KG    |



Horizontal Lifting of Carbon Steel Sheet (Dual System)

DC-Vacuum Lifter (16 Suckers)  
AL-BLZ3000-16S (3000KG)



Horizontal Lifting of Carbon Steel Sheet

AC-Vacuum Lifter (12 Suckers)  
AL-BLJ5000-12S (5000KG)





DC-Vacuum Lifter (12 Suckers)  
AL-BLZ5000-12S (5000KG)



AC-Vacuum Lifter (8 Suckers)  
AL-BLJ8000-8S (8000KG)



AC-Vacuum Lifter (8 Suckers)  
AL-BLJ8000-8S (8000KG)



AC-Vacuum Lifter (10 Suckers)  
AL-BLJ10000-10S (10T)



AC-Vacuum Lifter (10 Suckers)  
AL-BLJ10000-10S (10T)



AC-Vacuum Lifter (21 Suckers)  
AL-BLJ21T-21S (21T)

## 5 Coil Vacuum Lifters AL-C

| Product                                                                           | Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>Safe Load:</b> 200KG ~ 3000KG<br/> <b>Power System:</b> AC208-460V (±10%)<br/> <b>Product Features:</b></p> <ul style="list-style-type: none"> <li>• AL-C series is widely used for non-destructive handling of various coils such as aluminum coils, copper coils, and steel coils;</li> <li>• High-precision turbine worm gear is used to achieve 0-90° electric flipping, which is simple and convenient to operate;</li> <li>• German brand large-flow vacuum pump, large flow, fast suction speed, and high working efficiency;</li> <li>• Harmony patented sponge strip, high and low lip design, can quickly form a vacuum environment;</li> <li>• The suction cup can adopt multiple chambers, each chamber is independently controlled, and can adapt to coils of different outer diameters.</li> </ul> |



AC-Aluminum Coil Vacuum Lifter (single chamber)  
AL-C250-1S (250KG)



AC-Aluminum Coil Vacuum Lifter (multi-chamber)  
AL-C1000-3S (1000KG)



AC-Aluminum Coil Vacuum Lifter (multi-chamber)  
AL-C1300-3S (1300KG)



Mobile Aluminum Coil Vacuum Lifter  
AL-C500-1S (500KG)



## 6 Plywood Vacuum Lifters AL-W

| Product                                                                           | Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>Safe Load:</b> 200KG ~ 2000KG<br/> <b>Power System:</b> Multiple power options<br/> <b>Product Features:</b></p> <ul style="list-style-type: none"> <li>● AL-W series is suitable for the processing and production of composite panels in factories, outdoor installation, and assembly of composite panels in carriages;</li> <li>● According to the process requirements of different customers, the equipment can choose functions such as 0-90° flipping and 0-360° rotation;</li> <li>● Different types of suction cups can be selected for composite panels with different surfaces.</li> </ul> |



Horizontal Lifting of RV Cabin Sheet

DC-Vacuum Lifter (8 Suckers)  
AL-W200-8S (200KG)



Horizontal Lifting of Composite Panel

AC-Vacuum Lifer (14 Suckers)  
AL-W1500-14S (1500KG)



90°Flip Lifting of RV Cabin Sheet

AC-Vacuum Lifter (4 Suckers)  
AL-W400-4S (400KG)



90°Flip Lifting of RV Cabin Side Sheet

AC-Vacuum Lifter (10 Suckers)  
AL-W500-10S (500KG)



## 8-1 Standing Jib Cranes AL-LZ

**Safe Load:** 250KG~5000KG

**Operation mode:** Manual/Fully Electric

**Product Features:**

- AL-LZ Standing Jib Crane is a light lifting crane that can be used with an electric hoist;
- Suitable for short-distance, frequent, and intensive operations;
- Small footprint, easy to operate, time-saving and labor-saving, safe and reliable;
- Customizable according to different working conditions: cantilever length, column height, etc.

| Product & Model | Rated Lifting Weight (KG) | Rotation Angle (°) | Rotation Mode | Rotation Radius (m) | Lifting Height (m) | Control Mode |
|-----------------|---------------------------|--------------------|---------------|---------------------|--------------------|--------------|
| AL-LZ-500KG     | 500                       | 270°               | Manual        | 1m-6m               | 1m-5m              | Manual       |
| AL-LZE-500KG    | 500                       | 270°               | Electric      | 1m-6m               | 1m-5m              | Electric     |
| AL-LZ-1000KG    | 1000                      | 270°               | Electric      | 1m-6m               | 1m-5m              | Electric     |
| AL-LZ-2000KG    | 2000                      | 270°               | Electric      | 1m-6m               | 1m-5m              | Electric     |



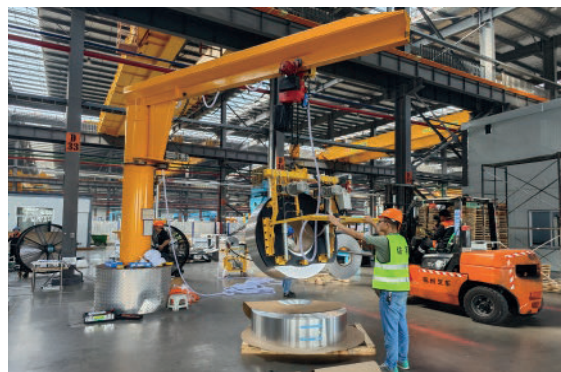
Manual Swing Arm - Manual Walking  
AL-LZ-500KG



Electric Swing Arm-Electric Walking - Electric Lifting  
AL-LZ-1000KG



Electric Swing Arm -Electric Walking - Electric Lifting  
AL-LZ-1500KG



Electric Swing Arm - Electric Walking -Electric Lifting  
AL-LZ-2000KG

## 8-2 Wall-mounted Jib Cranes AL-QB

**Safe Load:** 250KG ~ 2000KG

**Operation mode:** Manual/Fully Electric

**Product Features:**

- AL-QB Wall-mounted Jib Crane is a special light crane designed according to customer site requirements;
- It can be directly installed on steel, concrete columns, walls or other self-supporting equipment according to customer site conditions without occupying ground space;
- It can be used with electric hoists; suitable for short-distance, frequent and intensive operations; easy to operate, time-saving and labor-saving, safe and reliable; cantilever length can be customized according to different working conditions.

| Product&Model | Rated Lifting Weight (KG) | Rotation Angle(°) | Rotation Mode | Rotation Radius (m) | Lifting Height (m) | Control Mode |
|---------------|---------------------------|-------------------|---------------|---------------------|--------------------|--------------|
| AL-QB-300KG   | 300                       | 270°              | Manual        | 1m-6m               | 1m-5m              | Manual       |
| AL-QB-500KG   | 500                       | 270°              | Manual        | 1m-6m               | 1m-5m              | Manual       |
| AL-QB-1000KG  | 1000                      | 270°              | Electric      | 1m-6m               | 1m-5m              | Electric     |



Manual Swing Arm -Manual Walking  
AL-QB-500KG



Manual Swing Arm-Manual Walking  
AL-QB-500KG



Manual Swing Arm-Manual Walking  
AL-QB-500KG



Manual Swing Arm-Manual Walking  
AL-QB-500KG



## 8-3 Overhead Gantry Cranes AL-QS

**Safe Load:** 250KG ~ 2000KG

**Operation mode:** Manual/Fully Electric

**Product Features:**

- AL-QS Overhead Gantry Cranes can be manually or electrically driven, and can be used with electric hoists;
- Large operating range, easy to control, and high working efficiency;
- Uniform force, flexible and light operation, low noise, and the track length and span can be customized according to customer needs (span up to 10 m).



Manual Walking - Electric Lifting  
(KBK Guide Rail)(500KG)



Electric Walking - Electric Lifting  
(KBK Guide Rail)(500KG)



Electric Walking - Electric Lifting  
(Double Beam KBK)(500KG)



Electric Walking - Electric Lifting  
(Double Beam KBK)(1000KG)



Electric Walking - Electric Lifting  
(I-Beam+KBK Guide Rail)(1000KG)



Electric Walking - Electric Lifting  
(I-beam+KBK Guide Rail)(1000KG)



In intelligent vacuum lifter crane manufacturer  
always service the whole world

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