

Suction Cup Gripper System for Glass Handling



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The suction cup gripping system is the ideal solution to optimize the handling of your glass. Designed to ensure efficiency, safety and precision, this system allows you to automate the work cycle, from gripping the glass to installing it on the vending machine, significantly improving productivity and reducing downtime.

- **Withdrawal:** To the production line and release onto the vending machine.
- **Grip System:** Suction cup
- **Structure:** Rigid arm made of high-strength steel to ensure stability and high load capacity.

Frequently Asked Questions:

- **Is the suction cup system also suitable for large glass surfaces?**

Yes, the system can be configured with a variable number of suction cups and a customized distribution to ensure secure adhesion even on large, heavy or oddly shaped glass panels.

- **Can suction cups damage the glass surface?**

No, we use suction cups made of specific material for delicate surfaces, which guarantee an effective grip without leaving marks or compromising the integrity of the glass.

- **Can the operator easily adjust the gripping system?**

Yes, the system is designed to be intuitive and easily adjustable, with ergonomic controls that allow the operator to adapt the grip to the size of the glass quickly and safely.



Advantages:

- **Inclination:** Tilting system (up to 10°) to adapt the position of the glass to the needs of collection and release.
- **Movements:** The gripping system is equipped with high-strength suction cups, designed to ensure optimal adhesion even on smooth and delicate surfaces such as glass. The operator can lift, orient and position the products with maximum ease and precision, reducing the risk of damage and increasing the efficiency of the production cycle. The balanced distribution of gripping points ensures stability even during the most complex movements.
- **Safety:** Integrated safety devices to prevent accidental load drops and ensure operator safety.
- **Personalization:** The suction cup grip system does not damage the product and adapts to smooth, slightly curved or perforated surfaces (depending on the type).

Typical Applications:

- Assembly
- Loading and unloading stations

The customized configuration of the suction cup gripping system has been specifically designed to meet the needs of glass handling. The flexibility of the suction cups, combined with the capacity of the manipulator, allows even the heaviest models to be handled safely and efficiently.

Invest in the safety and efficiency of your operators. Our manipulator is the ideal solution for moving safely and precisely. Contact us to find out how to customize it to your specific needs.

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