

Rigid Arm Pneumatic Manipulator with Suction Cup Gripping System



ATIS
MANIPOLATORI PNEUMATICI

The ATISmirus 100 manipulator is the ideal solution for optimizing your bag handling. Designed for efficiency, safety, and precision, this system automates the work cycle, from picking the product from the pallet to releasing it onto the support surface, and then performing the reverse operation, significantly improving productivity and reducing downtime.

- **Withdrawal:** from pallet to release on support surface.
- **Grip System:** specific suction cup for bags
- **Structure:** Rigid arm made of high-strength steel to ensure stability and high load capacity.

Advantages:

- **Movements:** The manipulator is equipped with an articulated arm that allows for smooth and precise movements in all directions. The operator can position products with ease and accuracy.
- **Safety:** Equipped with brakes on all rotation axes and a certified air tank with non-return valve, the manipulator is particularly stable and safe.
- **Versatility:** Ideal for handling bags of different sizes and weights.
- **Execution:** Column mounted on a stable self-supporting base so it can be easily moved to different workstations.

Frequently Asked Questions:

- **What advantages does the electric impeller offer compared to a traditional pneumatic system?**
The electric impeller guarantees a high air flow rate which translates into lower energy consumption and safe handling.
- **Is the handling safe?**
The electric impeller is able to guarantee a good vacuum value which makes the handling of breathable and not very compact bags very safe.



Typical Applications:

- Packaging lines;
- Loading and unloading

The customized configuration of the ATISmirus 100 manipulator with suction cup gripping system was specifically designed to meet the needs of handling paper or plastic bags. The flexibility of the suction cup, combined with the manipulator's load capacity, allows for safe and efficient handling of the process.

Invest in the safety and efficiency of your operators. Our manipulator is the ideal solution for safe and precise handling. Contact us to find out how we can customize it to your specific needs.

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