

Rigid Arm Pneumatic Manipulator with Pneumatic Gripper Gripping System



ATIS
MANIPOLATORI PNEUMATICI

The ATISmirus 300 manipulator is the ideal solution to optimize the handling of your doors. Designed to ensure efficiency, safety and precision, this system allows you to automate the work cycle, from picking the door from the production line and releasing it on a trolley, significantly improving productivity and reducing downtime.

- **Withdrawal:** To production line and release on trolley.
- **Grip System:** Pneumatic clamp
- **Structure:** Rigid arm made of high-strength steel to ensure stability and high load capacity.

Advantages:

- **Inclination and Rotation:** integrated tilt and rotation system to adapt the door position to pick-up and drop-off needs.
- **Movements:** The manipulator features an articulated arm that allows for smooth movement in all directions, making it easy to lift, tilt, rotate and position doors.
- **Safety:** Integrated safety devices to prevent accidental load drops and ensure operator safety.
- **Personalization:** The covered pneumatic gripper system is designed to fit around doors without damaging them. The tool can be configured to suit the shape, size and optimum gripping point, ensuring compatibility with different models.

Typical Applications:

- Windows and doors
- Metal carpentry



Frequently Asked Questions:

- **Is it necessary to train staff in using the manipulator?**
The use is simple and intuitive, but we always provide initial training to ensure maximum safety and operational efficiency.
- **Is it possible to do a test before delivery to the final customer?**
Yes, we offer the possibility of performing functional tests at our premises, to verify that the manipulator perfectly meets the application needs before shipping.
- **At what stages of production can a manipulator be used?**
ATIS manipulators are designed to adapt to different stages of the production process: from picking up raw components, to positioning in machine tools, to handling to welding, painting, assembly or packaging. They offer a safe and customisable solution at every point in the line.

The customized configuration of the ATISmirus 300 manipulator with pneumatic gripper system has been specifically designed to meet the needs of door handling. The pneumatic gripper configuration has been designed to perfectly match the dimensions of the doors, ensuring safe and efficient handling throughout the entire process.

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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