

Rigid Arm Pneumatic Manipulator with Interchangeable Gripper System with Hook



ATIS
MANIPOLATORI PNEUMATICI

The ATISmirus 300 manipulator is the ideal solution for optimizing the handling of your stators. Designed for efficiency, safety, and precision, this system automates the work cycle, from pallet pick-up to 180° lateral rotation and pallet release, significantly improving productivity and reducing downtime.

- **Withdrawal:** From pallet, 0/180° lateral rotation, upon release onto pallet.
- **Grip System:** Interchangeable pneumatic clamp with hook.
- **Structure:** Rigid arm made of high-strength steel to ensure stability and high load capacity.

Frequently Asked Questions:

- **What advantages does the interchangeable clamp and hook system offer?**

It allows you to handle both cylindrical components such as shafts and stators of different sizes and weights with a single manipulator. This increases production flexibility and reduces tool changeover times.

- **Is it possible to switch from clamp to hook quickly?**

The quick-release system allows you to change the tool in seconds, without the need for tools or complex interventions.



Advantages:

- **Movements:** The manipulator is equipped with an articulated arm that allows for smooth and precise movements in all directions. The operator can position the cardboard stators with ease and accuracy.
- **Safety:** Equipped with parking brakes on all rotation axes to prevent involuntary drifts and a vacuum system with a non-return valve to avoid the risk of accidental falls in case of lack of air.
- **Versatility:** Ideal for handling stators of different sizes and weights.
- **Additional movements:** Interchangeable hook clamp tool
- **Execution:** Column on self-standing base (1200x1200mm)
- **Buttons:** Dual height controls, 180° lateral rotation, speed up/down.

Typical Applications:

- Assembly lines;
- Mechanical sector;

The customized configuration of the ATISmirus 300 manipulator with interchangeable hook gripper system was specifically designed to meet the needs of handling stators and shafts. The flexibility of the gripper, combined with the manipulator's capacity, allows for safe and efficient process management.

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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