

Rigid Arm Pneumatic Manipulator with Magnetic Gripping System



ATIS
MANIPOLATORI PNEUMATICI

The ATISmirus 100 manipulator is the ideal solution for optimizing the handling of your steel bands. Designed for efficiency, safety, and precision, this system automates the work cycle, from picking up the steel strip from the structure to placing it on the pallet and releasing it, significantly improving productivity and reducing downtime.

- **Withdrawal:** From the storage and release structure on pallets.
- **Grip System:** Pneumatically operated magnet or magnets
- **Structure:** Rigid arm made of high-strength steel to ensure stability and high load capacity.

Frequently Asked Questions:

- **Is the magnetic manipulator suitable for my products?**
Yes, our magnetic grippers are custom-designed based on the material, shape, and weight of the load. They are ideal for handling metal objects such as sheet metal, pipes, strips, and other mechanical components.
- **Is the magnetic system compatible with dusty or humid environments?**
Yes, our magnets are not affected by dust or material impurities.

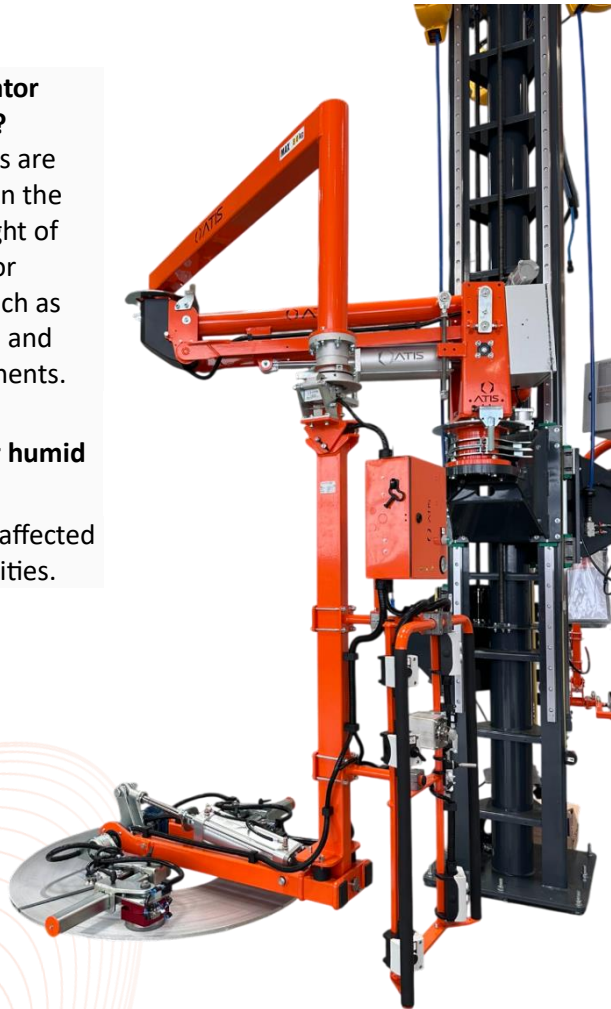
Typical Applications:

- Building and construction
- Mechanical Engineering

The customized configuration of the ATISmirus 100 manipulator with magnetic gripping system was specifically designed to meet the needs of handling steel bands. The flexibility of the magnet, 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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Advantages:

- **Movements:** The manipulator is equipped with an articulated arm that allows for smooth and precise movements in all directions. The operator can position our steel products easily and accurately, reducing the risk of errors and scrap.
- **Safety:** The pneumatic magnet actuation device in this particular design allows for control of the object's correct grip, allowing the operator to lift the product only when optimal gripping conditions have been achieved. Otherwise, the manipulator, not receiving the gripping signal, will not allow it to be used to lift the load.
- **Personalization:** The magnetic grip system does not damage the product and adapts to metal surfaces.