

Rigid Arm Pneumatic Manipulator with Gripper Gripping System



ATIS
MANIPOLATORI PNEUMATICI

The ATISmirus 100 manipulator is the ideal solution for optimizing the handling of your steel billets. Designed for efficiency, safety, and precision, this system automates the work cycle, allowing billets to be rotated, significantly improving productivity and reducing downtime during quality control.

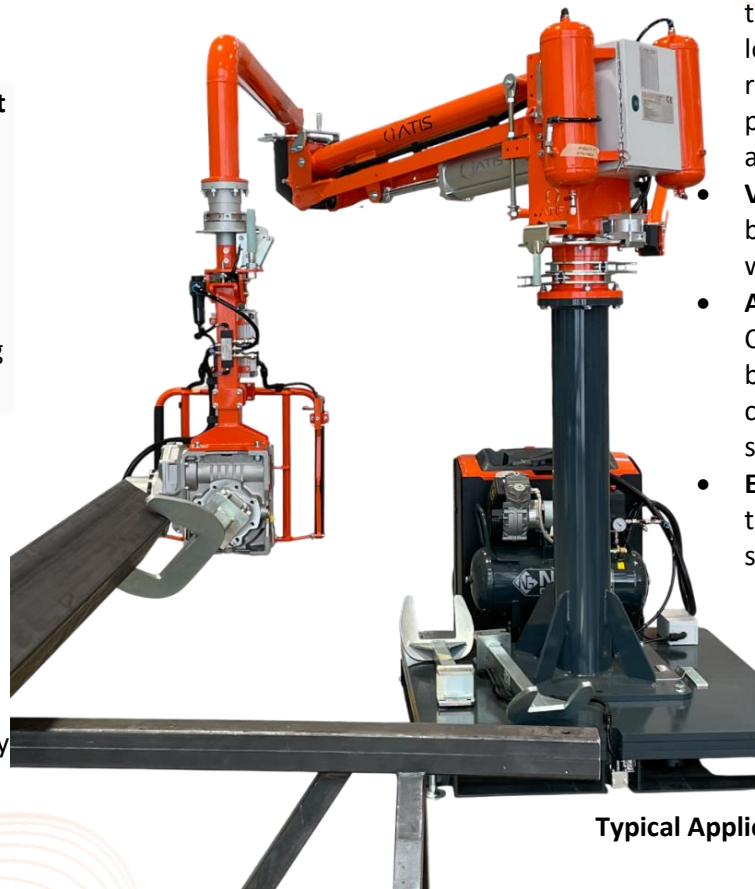
- **Positioning:** Rotation on workbench
- **Grip System:** Mechanical clamp
- **Structure:** Rigid arm made of high-strength steel to ensure stability and high load capacity.

Advantages:

- **Movements:** The manipulator is equipped with an articulated arm that allows smooth and precise movements in all directions.
- **Safety:** Equipped with a tool brake and a joint with a stop to ensure the stability of the load during the gripping, releasing and handling phases, minimising the risk of accidental falls.
- **Versatility:** Ideal for handling billets of different sizes and weights.
- **Additional movements:** Complete rotation of the billets clockwise and counterclockwise until all sides are covered.
- **Execution:** Electric pallet truck integrated on a self-stable base.

Frequently Asked Questions:

- **Are the jaws of the pliers at risk of damaging the material?**
No, they are designed with reinforced contact surfaces and, if required, protective coatings to prevent marking or deformation.
- **Can the manipulator lift billets of different diameters and lengths?**
Yes, the mechanical gripper can be configured to accommodate billets of various sizes, always ensuring a secure grip and allowing the rotation of very heavy products.



Typical Applications:

- Storage warehouses
- Quality control
- Metalworking

The customized configuration of the ATISmirus 100 manipulator with a mechanical gripper system was specifically designed to meet the needs of handling steel billets. 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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