

Rigid Arm Pneumatic Manipulator with Double Magnet Gripping System and Tilting



ATIS
MANIPOLATORI PNEUMATICI

The ATIS rigid arm pneumatic manipulator presented here is a versatile and efficient solution for handling rolls of metal strip in industrial environments. Designed to optimize loading and unloading processes, the manipulator offers precision, safety and reduced physical effort for operators.:

- **Lifting and rotating:** Picking of rolls of metal strip from pallets on the floor and releasing them into the machine, managing different layer heights and small spaces.
- **Grip System:** Double pneumatically activated magnet for a safe and reliable grip of metal band rolls, with diameters from 500 mm to 1100 mm and weight from 15 kg to 60 kg. (Adaptable to other weights and formats by our technical office)
- **Structure:** Rigid arm made of high-strength steel to ensure high stability and load capacity.



Main Technical Features:

- **Inclination:** Integrated tilt system to adapt the roll position to the pick-up and drop needs, also allowing for inversion to change the rolling direction.
- **Movements:** Smooth and precise movements thanks to the pneumatic system, with the possibility of speed regulation to optimize cycle times.
- **Safety:** Integrated safety devices to prevent accidental load drops and ensure operator safety.
- **Versatility:** Suitable for various industrial applications, especially for loading and unloading machines

Advantages:

- **Tilting:** Integrated tilting system to adapt the roll's position to the picking and releasing needs, also allowing for flipping to change the winding direction.
- **Movements:** Smooth and precise movements thanks to the pneumatic system, with the possibility to adjust the speed to optimize cycle times.
- **Safety:** Integrated safety devices to prevent accidental drops of the load and ensure operator safety.
- **Versatility:** Suitable for various industrial applications, particularly for loading and unloading machines.

Typical Applications:

- Mechanical Engineering
- Logistics
- Warehousing

The rigid arm pneumatic manipulator with double magnet gripping system and inclination represents an ideal solution for companies that need to handle rolls of metal strip in an efficient, safe and ergonomic way. Its versatility and advanced technical features make it suitable for various industrial applications, helping to increase productivity and improve working conditions

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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