

ATISacer 80 double rope manipulator: the safe and ergonomic solution for handling loads



ATIS
MANIPOLATORI PNEUMATICI

In today's industrial sector, the handling of heavy loads is a crucial challenge. In addition to efficiency and productivity, safety and ergonomics are key factors to consider. ATIS, a leader in industrial manipulators, presents its innovative dual rope manipulator, a cutting-edge solution that meets all these needs.

Advantages:

- **Safety First:**

- **Double rope:** Prevention of load falling in the event of a rope breaking, in compliance with safety regulations.
- **High quality components:** Ropes, fittings and other structural elements are selected for their strength and reliability.
- **Precise balancing system:** Accurate control of the load weight to avoid sudden and dangerous movements.

- **Advanced Ergonomics:**

- **Sensitive handle:** Automatic load balancing to reduce operator physical strain.
- **Fluid movements:** The pneumatic system and the double rope guarantee smooth and precise movements.
- **Personalization:** Adaptation of the gripping tool to the specific needs of the operator and the load.

- **Operational Efficiency:**

- **Movement speed:** The pneumatic system allows for rapid and precise movements, optimising cycle times.
- **Ease of use:** Intuitive interface and simple controls for easy use by the operator.
- **Versatility:** Adaptability to different types of loads and working environments.

- **Robustness and Reliability:**

- **Resistant materials:** Steel construction and high quality components for long life and wear resistance.
- **Low maintenance:** Simple and functional design to minimize maintenance interventions.
- **Quality Test:** Each manipulator undergoes rigorous testing to ensure compliance with safety and performance standards.

Main Technical Features:

- **Maximum capacity:** 80 kg
- **Drive type:** Pneumatic
- **Transmission system:** Double rope with high safety factor
- **Load balancing:** Pneumatic, with the possibility of a sensitive handle for automatic adjustment
- **Structure:** Modular, with various mounting options (floor-standing, on fixed or mobile column, fixed or sliding wall unit, wall-mounted, on shelf)
- **Accessories:** Wide range of gripping tools customizable according to customer needs

Typical Applications:

- Manufacturing industry (assembly, component handling)
- Logistics and warehousing (loading/unloading, order preparation)
- Food and pharmaceutical industry (handling of raw materials and packaged products)
- Foundries and metalworking (handling of castings, ingots)
- Any industry requiring loads up to 80kg to be moved safely and efficiently.



SAFETY FIRST!

Safety regulations are clear: preventing accidents at work is a must. In this context, our double rope manipulator stands out for its ability to ensure maximum safety during load handling.

The ATISacer 80 kg manipulator represents a strategic investment for companies looking to improve the safety, ergonomics and efficiency of their material handling processes. Its combination of advanced technical features, operational benefits and flexibility makes it an ideal solution for a wide range of industrial applications.

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