

Rigid Arm Pneumatic Manipulator with Suction Cup Gripping System



ATIS
MANIPOLATORI PNEUMATICI

The ATISmirus 100 manipulator is the ideal solution for optimizing your sheet metal handling. Designed for efficiency, safety, and precision, this system automates the work cycle, from horizontal pick-up from a trolley, 180° rotation, and release onto the line, significantly improving productivity and reducing downtime.

- **Withdrawal:** From trolley, 180° rotation, to release on line.
- **Grip System:** Suction cups
- **Structure:** Rigid arm made of high-strength steel to ensure stability and high load capacity.

ATIS focus -Maximum ergonomics with adjustable suction cups!

The last two adjustable suction cups allow the gripping system to be adapted to panels or surfaces of different sizes and curvatures, ensuring optimal grip even in conditions that are not perfectly flat. This configuration increases flexibility and operational safety, while always maintaining uniform load distribution.



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 sheet metal with ease and accuracy.
- **Versatility:** Ideal for handling sheet metal of different sizes and weights.
- **Additional movements:** 180° rotation, length-adjustable suction cups
- **Execution:** With rotating offset column
- **Buttons:** Up/down lever with speed button, high and low controls, pneumatic vertical sliding of the handles

Typical Applications:

- Assembly lines;
- Refrigerators;
- Metalworker.

The customized configuration of the ATISmirus 100 manipulator with suction cup gripping system was specifically designed to meet the needs of sheet metal handling. The flexibility of the suction cup, combined with the manipulator's load 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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