

## Rigid Arm Pneumatic Manipulator with Suction Cup Gripping System



**ATIS**  
MANIPOLATORI PNEUMATICI

The ATISmirus 100 manipulator is the ideal solution for optimizing the handling of your shaped and perforated panels for campers. Designed for efficiency, safety, and precision, this system automates the work cycle, from picking the product from a dedicated structure to releasing it onto the pantograph, and then performing the reverse operation, significantly improving productivity and reducing downtime.

- **Withdrawal:** From the container to the release on the pantograph.
- **Grip System:** Suction cups with Venturi.
- **Structure:** Rigid arm made of high-strength steel to ensure stability and high load capacity.



### Frequently Asked Questions:

- **Are the suction cups interchangeable based on the material (glass or metal)?**

Yes, we provide specific suction cups for different materials, to always guarantee maximum adhesion and surface protection.

- **Is it possible to reduce cycle times in production lines with this system?**

Yes, vacuum gripping automation allows you to speed up lifting and positioning operations, increasing efficiency and productivity.

### Advantages:

- **Movements:** The manipulator is equipped with an articulated arm that allows for smooth and precise movements in all directions. The operator can position products easily and accurately. It can rotate 120° using a handwheel.
- **Safety:** Equipped with brakes on all rotation axes and a certified air tank with non-return valve, the manipulator is particularly safe.
- **Versatility:** Ideal for handling panels of different sizes and weights,
- **Execution:** In an offset swivel version to ensure less clutter in the area and have a wider radius.

### Typical Applications:

- Safe handling of wood and metal panels
- Assembly

The customized configuration of the ATISmirus 100 manipulator with suction cup gripping system was specifically designed to meet the handling needs of shaped and perforated panels. The flexibility of the suction cups, 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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