

## Rigid Arm Pneumatic Manipulator with Gripper Gripping System



**ATIS**  
MANIPOLATORI PNEUMATICI

The ATISmirus 200 manipulator is the ideal solution for optimizing the handling of your forklift-mounted structures. Designed for efficiency, safety, and precision, this system automates the work cycle, from picking up the structure from the pallet to placing it on the forklift, significantly improving productivity and reducing downtime.

- **Withdrawal:** From pallet to forklift release.
- **Grip System:** Pneumatic clamps
- **Structure:** Rigid arm made of high-strength steel to ensure stability and high load capacity.

### Advantages:

- **Movements:** The manipulator features an articulated arm that allows for smooth and precise movements in all directions. The operator can position structures with ease and accuracy.
- **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 structure of different sizes, weights and materials.
- **Additional movements:** The manipulator is capable of rotating by 700° (almost two complete turns), to facilitate placing the structure on the forklift under construction.

### Frequently Asked Questions:

- **Can the manipulator lift large and heavy structures?**

Yes, the clamp is designed to handle sturdy and bulky structures, ensuring a secure grip even with loads of up to several hundred kilos.

- **Is it possible to precisely position the structures during the forklift assembly phases?**

Absolutely, the system allows for controlled and fluid movements, facilitating the positioning of components in line with production needs.



### Typical Applications:

- Construction and assembly;
- Loading and unloading stations;

The customized configuration of the ATISmirus 200 manipulator with pneumatic gripper system was specifically designed to meet the handling needs of forklift construction structures. The flexibility of the gripper, combined with the manipulator's capacity, allows for safe and efficient handling of the process.

**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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