

Rigid-Arm Pneumatic Manipulator with Pneumatic Gripper Gripping System



ATIS
MANIPOLATORI PNEUMATICI

The ATISmirus 300 manipulator is the ideal solution for optimizing the handling of your rotors. Designed for efficiency, safety, and precision, this system automates the work cycle, from picking up the rotor from the forklift to placing it on the system, significantly improving productivity and reducing downtime.

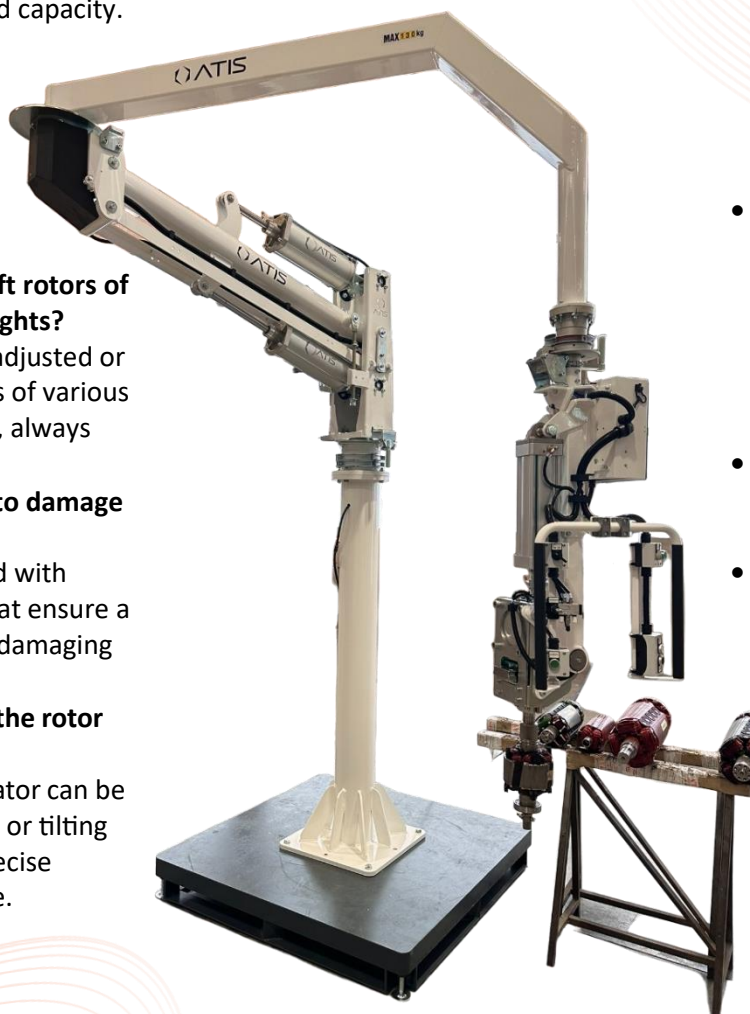
- **Withdrawal:** Picking from the production line and releasing on the bench.
- **Grip System:** Pneumatic clamps.
- **Structure:** Rigid arm made of high-strength steel to ensure stability and high load capacity.

Advantages:

- **Movements:** The manipulator features an articulated arm that allows for smooth and precise movements in all directions. The operator can position the rotors easily and accurately.
- **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 rotors of different sizes, weights and materials.
- **Additional movements:** The manipulator is able to rotate 90°, making it easier to move the object.

Frequently Asked Questions:

- **Can the manipulator lift rotors of different sizes and weights?**
Yes, the clamp can be adjusted or customized to fit rotors of various diameters and weights, always ensuring a secure grip.
- **Are the calipers likely to damage the rotor surface?**
No, the jaws are coated with protective materials that ensure a firm clamping without damaging the component.
- **Is it possible to orient the rotor during movement?**
Certainly. The manipulator can be equipped with rotation or tilting systems to facilitate precise positioning of the piece.



Typical Applications:

- Mechanical sector;
- Aeronautical sector;

The customized configuration of the ATISmirus 300 manipulator with pneumatic clamps was specifically designed to meet the needs of rotor handling. The dimensional flexibility of the clamp, combined with the manipulator's 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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