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ENGLISH



Load handling solutions

ATIS MANIPOLATORI PNEUMATICI
The strength of lightness

We produce industrial pneumatic manipulators to handle any product of all industry sectors with high ergonomic and safety standards!

The goal

We've chosen to tell how we meet all kinds of requirements related to the manual handling of loads. Because every customer is unique and needs tailor-made solutions.

Our Technical Office is highly specialized and qualified to listen to our customer needs and to design grip systems that are in line with the production requirements of those who rely on our professional skills and experience.

If you choose ATIS manipulators, you choose a manipulator manufactured with cutting edge production principles. You choose innovative and high performing products that meet the highest standards of the industry.

The case: handling drums of various materials

Our customer's request:

We need to handle drums in plastics and in paperboard or with wooden lid. The weight of the drums is variable and they are placed with vertical axle on the pallet at different levels. The drums need to be released with vertical axle on an adjacent pallet and there are no obstacles in the working area.

We are looking for a solution that allows us to handle products made of different materials in a simple, functional and quick way.

The solution must ensure the possibility to grip products of different materials, dimensions and weight.

Drums height: from 400 to 630 mm

Outside diameter of the lids: from 230 to 470 mm

Weight: 15 kg, 28 kg or 44 kg.

Need to handle several products with a unique solution?

With OUR solution, you can.

The solution: ATIS manipulator

ATIS developed an articulated rigid arm manipulator type ATISmirus 100 and completed it with a specific suction cup gripping tool made of a frame with two suction cups with different diameter to be used interchangeably on the basis of the product to be handled. Thanks to the gripping head with 180° rotation, it is possible to use the adequate suction cup to handle the load without the need to change the gripping tool, thus reducing the working cycle times.

We put in place social distancing at work places

Using the manipulator ATIS allows to carry out all handling activities in complete safety and ergonomics and also allows to put social distancing in place, thus reducing the risk of Covid-19 infection and ensuring the high standards of safety at work, as envisaged by the laws.







Contact us! Our technicians are looking forward to designing the ideal solution!

Visit our website: www.atismanipolatori.com

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