ATIS

The solutions for pneumatic handling in food sector:
Some pratical examples

Manipulators ATIS Transform efficiency in handling for food industries

In the modern food industry, efficiency and safety are essential. ATIS pneumatic manipulators optimize handling processes by reducing physical effort and maximizing productivity

Versatile and precise, they adapt to multiple applications while ensuring hygiene and safety.



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MANIPOLATORI PNEUMATICI

Applications in the Dairy Sector

Brine Handling Operations

Lifting and handling cheese wheels of various weights.



Preparation for grating stage

Precise positioning on processing machines.

Product Protection

Controlled handling to preserve quality.

Meanwhile production

Support in each production phase.



Brine handling operations

Gentle handling

Manipulator lift the cheese wheels gently.

Efficiency

Need of only one operator besides the weight of wheels and the kind of operation.

Highest level of hygiene

Manipulators entirely realized in stainless steel.

Operational safety

Reduce risks for operators in the handling phase.



Stages of cheese production

Precision in Positioning

Easy handling

Timing optimisation

Increase of productivity

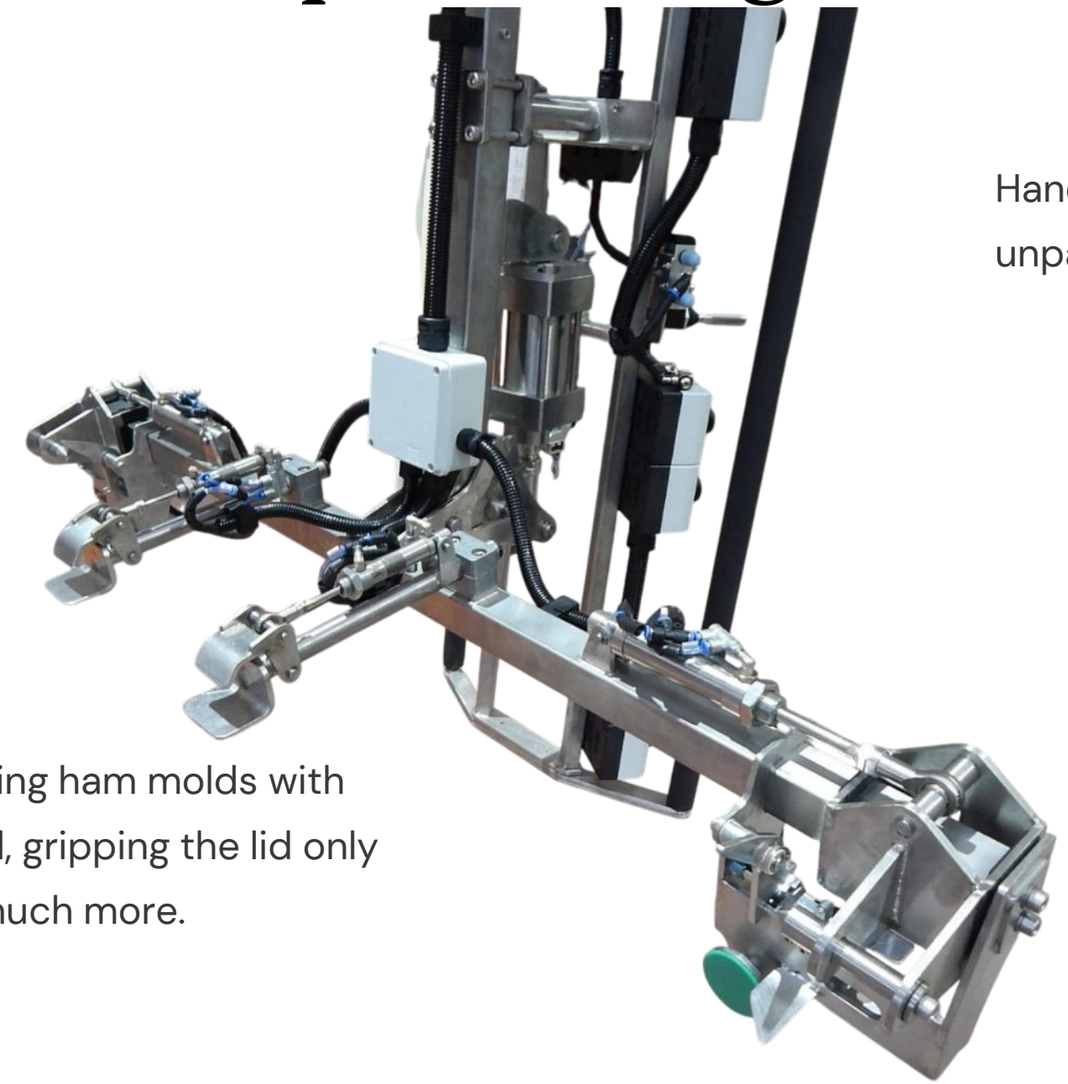
Waste reduction

Preserve product quality

Ergonomy for Operator

Injury and fatigue prevention

Cured meat production or meat processing



Gripping ham molds with the lid, gripping the lid only and much more.

Handling packaged and unpackaged cured meats



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Application in Wine industry

Champagne Method

Simultaneous handling of 10, 11 or more bottle with extremely precision.

Adaptability

Compatible with bottles of multiple sizes and shapes.

Protection

Significant reduction of breaking risks during working phases.

Efficiency

Optimization of times in production processes.



Application in Wine industry

Rapid handling

Flexible gripping systems to handle bottles in different positions.

Adaptability

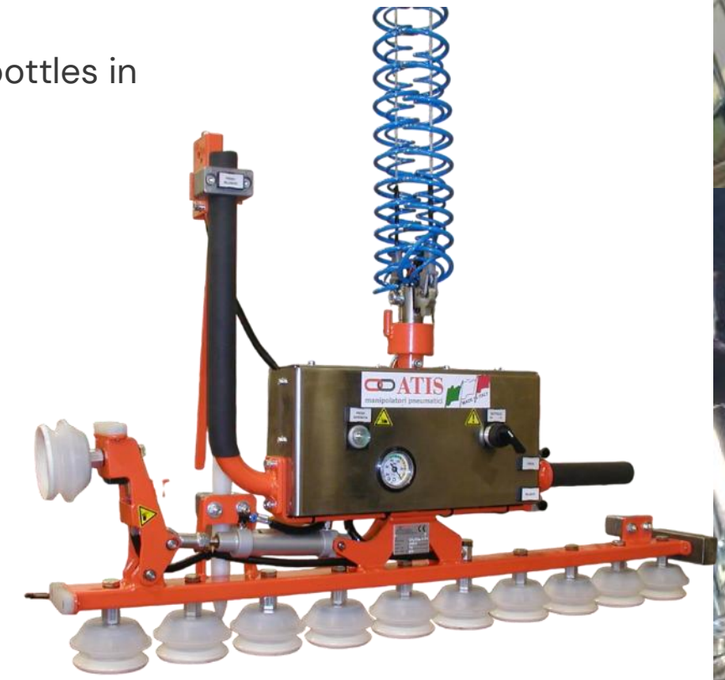
Specific studied according to the environment of each customer.

Protection

Increase of ergonomy and
Safety of operator

Efficiency

Clear improvement in timing with reduction of personnel employee.







Applications in beverage industry

Flexibility

Handling of different types of drums

Optimization of Timing

Increasing of productivity

Complex movement execution

180° rotation, tilting

Ergonomy for Operators

Injury prevention

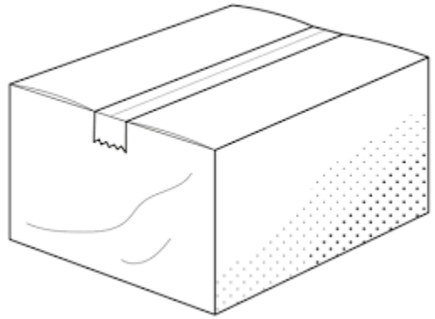


Handling of various materials



Cardboard boxes

- Precise handling og packages of different sizes.
- Adaptability to changing weights.
- Gentle handling to preserve integrity.
- Specific gripping system with suction cups or clamps.



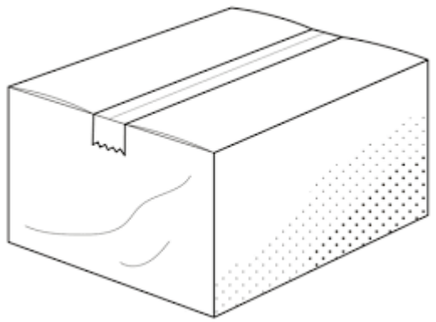


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Handling of various materials

Cardboard boxes

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Handling of various materials

Bags

- Secure gripping of bags with clamp or suction cups.
- Handling without risk of damages.
- Controlled and precise emptying.







Handling of various materials



Bags

Solutions with head of gripping multiple or interchangeable for handling boxes, bags and jerry cans by means of the same manipulator.





Handling of various materials

Bags

Customized solutions for different working environments like pourous paper bags



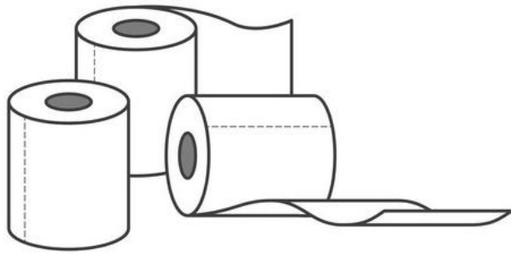




Handling of various materials

Rolls

- Lifting and controlled rotation of packaging materials.
- Precise positioning in machinery.
- Safe handling of heavy loads.







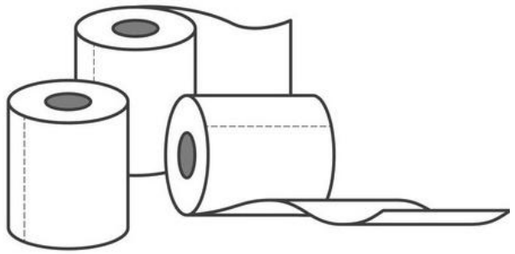
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Handling of various materials



Rolls

- Lifting and controlled rotation of packaging materials.
- Suction cups, internal expander or clamp on external diameter.



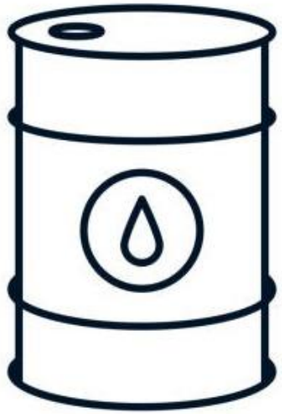


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Handling of various materials

Drums

- Tilting and rotation for complete emptying.
- Safe handling of drums of different shapes and weights.









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Handling of various materials

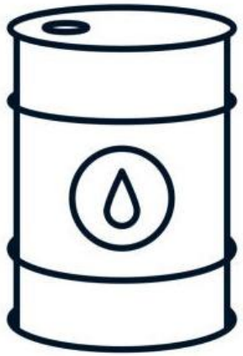




Drums

- Tilting and rotation for complete emptying.
- Jaws or suction cups.





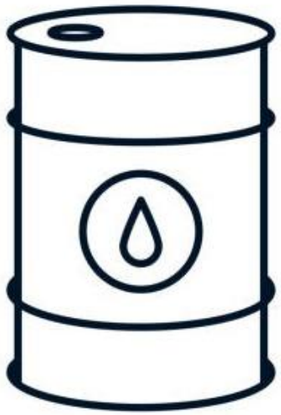


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Handling of various materials

Drums

Solutions for explosive environments (Atex) in food industry







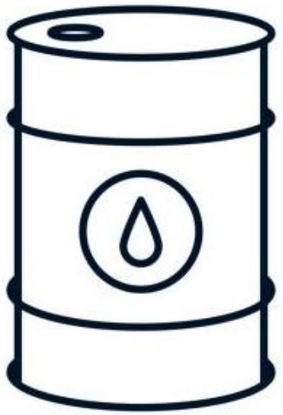




Handling of various materials

Jerry cans

Gripping with shaped hand
or customized











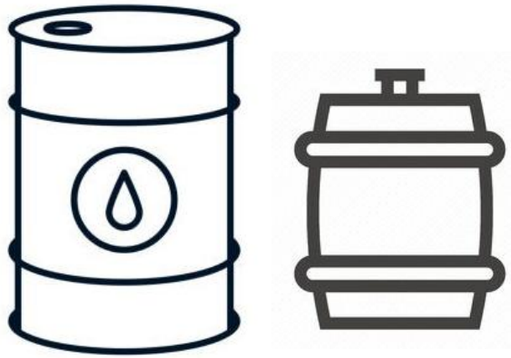
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Handling of various materials



Jerry cans

Possibilità di presa multipla utilizzando manipolatori a funi o a braccio rigido







Empty drums: Efficiency and Safety

Secure hook

The manipulator grips the drum with a firm and well-balanced hold. The pressure is calibrated to prevent deformation of it.

Controlled lifting

The drum is lifted with smooth and controlled movements.

Progressive tilting

The rotation is performed with millimetric precision. The angle can be adjusted to control the emptying flow.

Complete Emptying

The system allows full rotation. It eliminates waste by recovering all the contents of the drum.

Key Features and Benefits

Ergonomy

- Significant reduction of physical effort
- Prevention of musculoskeletal injuries
- Intuitive controls for the operator

Precision

- Smooth and controlled movements
- Positioning with extreme precision
- Reduction of product damage

Hygiene

- Materials compliant with food-grade regulations
- Surfaces designed for easy cleaning and sanitization

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Measurement of Efficiency

Reduced effort

Decreased workload on operators

Productivity Increase

Growth in daily output

Precision

Precision in movements and positioning

Reduction in time required

Decrease in handling time

Our Solution for **Your** Business

Analysis of Requirements

We carefully assess your specific production requirements.

Customized Design

We create customized solutions tailored to your operations.

Implementation

We install and configure the manipulators within your facility.

Continuous Assistance

We ensure technical support and personnel training.

Our contacts

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