



# Lan Handling Technologies Semi-rigid container handling system

For very high outputs of up  
to 500 units per minute



Lan Handling Technologies



Conventional vacuum handling for pet food containers

# Semi-rigid container handling system

## Benefits

A range of versatile, high output handling solutions for semi-rigid plastic and aluminium containers. Options include conventional linear sweep, magnetic or vacuum solutions or a robotic system.

Various functions, such as the (de)stacking of trays, product handling and tray turning can be executed quickly and reliably by robot, with very high outputs of up to 500 units per minute being achieved with conventional systems.

Turnkey delivery, from discharge filler to the supply of end of line packaging.

## How it works (Robotic solution)

### Loader

- Supplies containers directly from the filler
- Positions containers to form a layer
- Containers are picked-up from the layer formation belt or directly out of the filler and positioned into the tray

### Unloader

- Containers are picked-up from the tray and positioned onto a discharge conveyor for directing in single or multilanes
- The tray is picked-up by a robot and turned upside down by the integrated tray tipping unit to ensure that it's empty. Any remaining containers are collected and binned
- The empty tray is positioned on the stack

## Related products

- ▶ Stack transport & shuttle
- ▶ Track & trace
- ▶ Overall equipment efficiency



## Technical Specifications

Capacity	<ul style="list-style-type: none"> <li>&gt; Up to 500 units per minute</li> <li>&gt; 1 to 12 lanes supply and discharge</li> </ul>
Solution types	Conventional and robotic solutions
Container sizes	Capable of handling semi-rigid containers of all sizes and shapes
Tolerances	<ul style="list-style-type: none"> <li>&gt; Capable of handling trays subjected to higher temperatures</li> <li>&gt; Suitable for use in extreme wet environments</li> </ul>
Robot brands	Kuka, ABB and Fanuc
PLC brands	Allen Bradley and Siemens
Material	Easy to clean stainless steel AISI 304 construction
Compatibility	<ul style="list-style-type: none"> <li>&gt; All filler brands</li> <li>&gt; All suppliers of sterilisers</li> </ul>



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