

Lan Handling Technologies Pouch handling system

For the fast, flexible handling of up
to 600 pouches per minute



Lan Handling Technologies



Pouch handling system

In-house design for tray/pouch handling robotics and system software

Benefits

A flexible pouch handling system, with a robot that can execute a variety of functions, including the (de)stacking of trays, pouch handling and the turning of trays.

Total Cost of Ownership (TCO) is reduced because the pouch handling system runs at high capacity - up to 600 pouches per minute - 24/7 and requires only limited maintenance.

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

How it works, an example

Loader

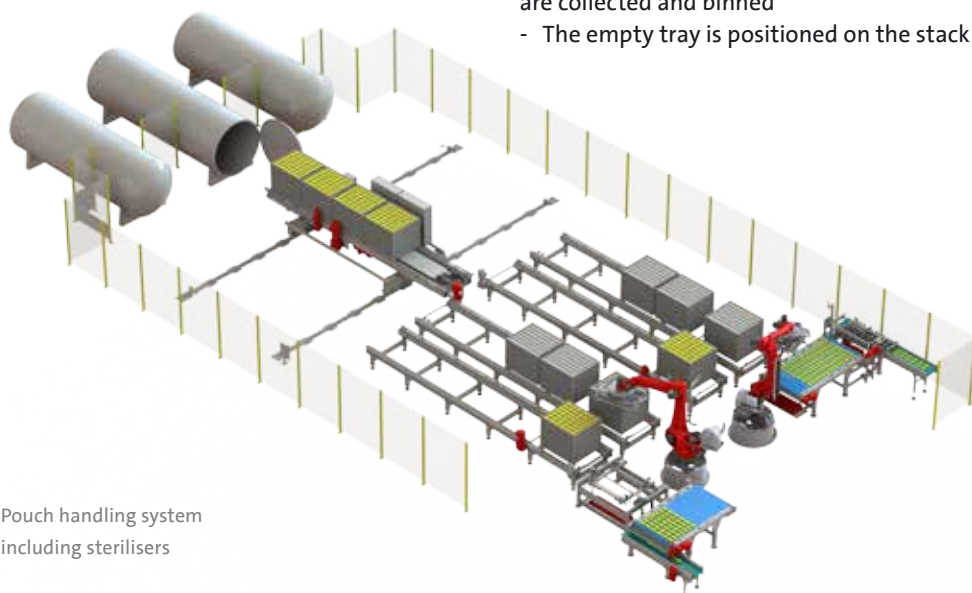
- Supplies pouches directly from the filler
- Positions pouches to form a complete layer
- Robot picks-up pouches from the layer formation belt to position them in the tray
- Robot picks the tray and places it on top of the stack with unsterilised product

Unloader (two robots)

- Wet pouches are picked out of the tray by a robot for processing, first through the inline dryer and then for positioning on the discharge conveyor
- The tray is picked up by a second robot and turned upside down by the tray tipping unit to ensure that it's empty. Any remaining pouches are collected and binned
- The empty tray is positioned on the stack

Related products

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



Pouch handling system including sterilisers

Technical Specifications

Capacity	> Up to 600 pouches per minute > 1 to 12 lanes pouch supply and discharge
Pouch sizes	Capable of handling pouches of all sizes and shapes
Trays	All standard tray sizes
Tolerances	> Capable of handling trays subjected to higher temperatures > Suitable for use in extreme wet environments
Robot brands	Kuka, ABB and Fanuc
PLC brands	Allen Bradley or Siemens
Material	Easy to clean stainless steel 304 construction
Compatibility	> All filler brands > All suppliers of sterilisers



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