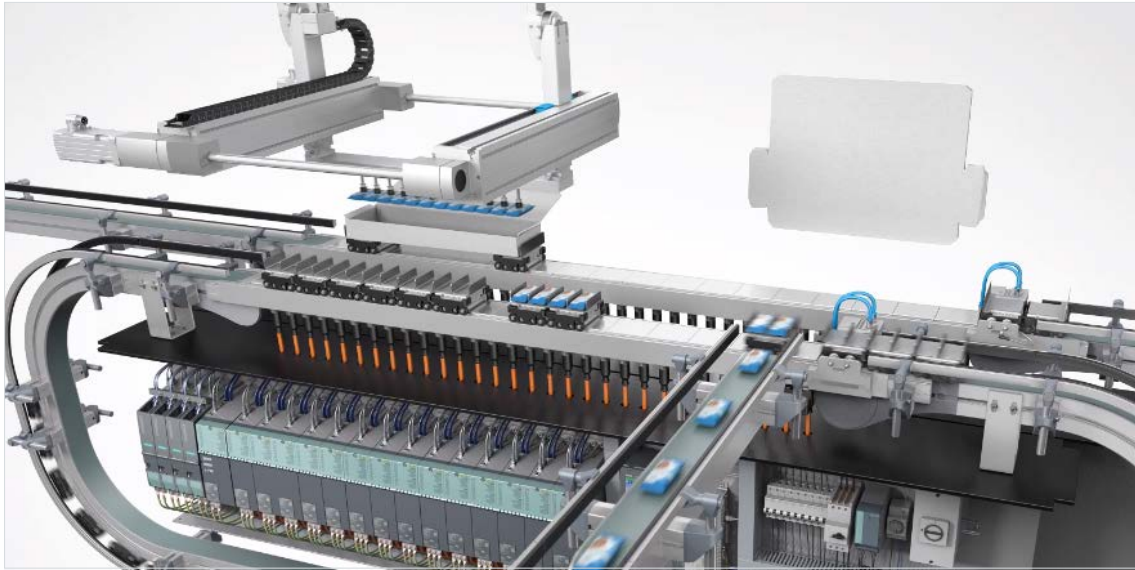


# Flexibility in packaging with the Multi-Carrier-System (MCS®): Top loader example



**FESTO**

## Highlights

- High degree of flexibility
- Format change at the push of a button
- Reduced installation work

## Project idea

The innovative machine concept enables continuous processing of different packaging formats on one line.

The format is selected in the software at the push of a button and the different sizes, number of boxes and product grouping are set directly in the MCS® using the freely positionable carriers.

## Requirements

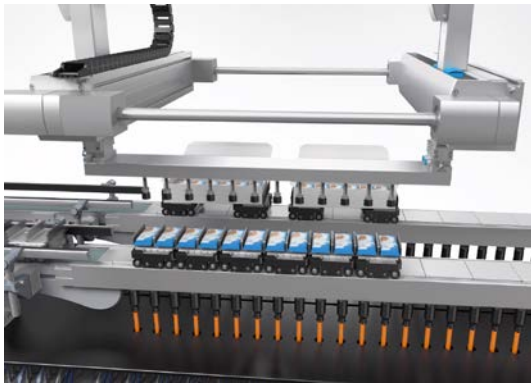
- Fast format changeover
- Short retooling times
- Simple set-up
- Compact and easy to install

## Solution

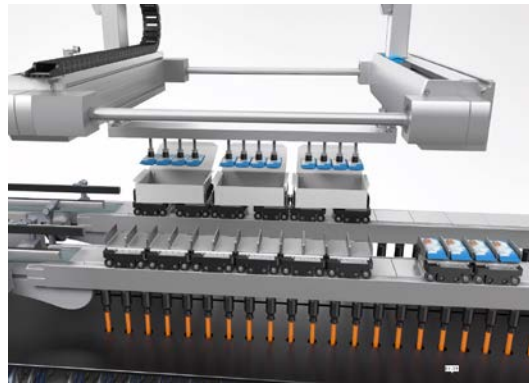
- Two Multi-Carrier-Systems
- Top loader achieved with linear gantry EXCT

# Flexibility in packaging with the Multi-Carrier-System (MCS®): Top loader example

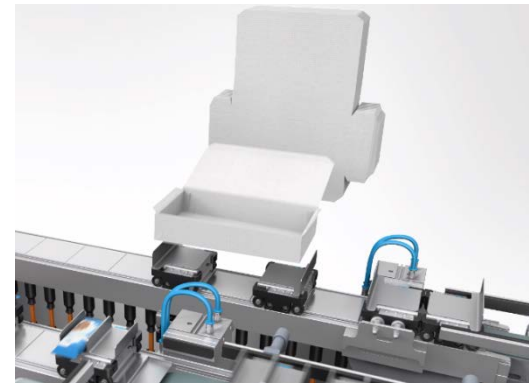
**FESTO**



The products to be packaged are transported flexibly to the top loader via the MCS®.



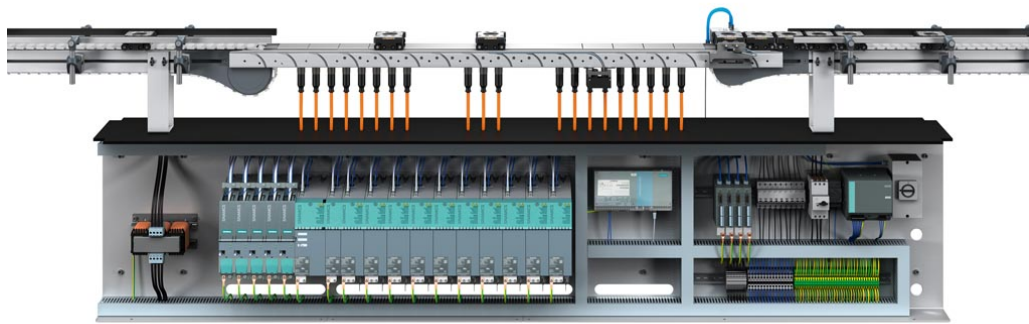
The products to be packaged are grouped according to the packaging unit. The MCS® carries out the task of positioning.



Two carriers hold the box to be loaded. Thanks to the freely positionable carriers, different formats can be transported without any problems.

# Solution highlights

**FESTO**



## The Multi-Carrier-System

- High flexibility: infeed and ejection of carriers without additional transfer couplings
- Simple integration: use of existing intralogistics
- Flexible operation: free and individual setting of acceleration and speed, grouping and synchronised movement of multiple carriers
- One control system for everything: control of the Multi-Carrier-System and other machine modules
- The system structure combines a modular software structure with optimal hardware
- High dynamics and speed: combined with a high carrier payload



## Linear gantry EXCT

- High dynamic response with large payloads
- Three sizes for load masses of up to 10 kg
- Integrated energy chain concept for simple installation
- Variable motor mounting
- Versatile front unit interface for rotating and gripping solutions