CASE STUDY

EFFICIENT CONVEYING FOR DELICATE FOOD PACKAGING

The Challenge

Hygienic, precise, and product-friendly conveying

The tubs are placed in transport trays that must be reliably transferred between various production and packaging stations. The key requirements were:

- High conveying capacity in continuous operation
- Product protection for filled and sensitive tubs
- Accurate tray positioning for automated downstream processing
- Compliance with strict hygiene standards in food production
- Minimal downtime and a low-maintenance system

A particular challenge: The conveying route required multiple changes in direction as well as vertical transitions within a compact production hall layout.

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The Solution

Compact, precise & hygienic

In cooperation with our partner Schuilenburg, customized S and SC conveyors were installed to ensure an efficient material flow between filling, quality inspection, and final packaging.

In close coordination with our costumer, a modular conveying system was developed, integrating both horizontal and vertical transport sections – ideal for the limited space within the production line.

The NERAK systems guarantee low-impact conveying of transport trays containing filled tubs. The system achieves a throughput of up to 1,750 units per hour, ensuring reliable performance in continuous operation.

Thanks to their robust construction and maintenance-friendly design, the conveyors operate continuously in a three-shift system – reliably and with minimal downtime.

KEY BENEFITS

Gentle handling of sensitive plastic packaging

Precise tray guidance for automated processes

Hygienic design compliant with food industry standards

Space-saving conveying solution for compact environments

High system availability with minimal maintenance

Do you have questions?

LET'S TALK

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