



CASE STUDY

VERTICAL CONVEYING TECHNOLOGY FOR A GLOBAL POSTAL AND LOGISTICS COMPANY

The company is one of the internationally leading players in the postal, parcel, and logistics sector. Millions of shipments are processed daily in a global network – from letters to parcels to e-commerce goods. As one of the largest players in the industry, the company

relies on fully automated, scalable, and highly reliable conveying technology. Worldwide, over 800 conveyor systems are in operation at its sites – a significant portion of which is based on vertical conveying technology from NERAK.

The Challenge

Continuous peak load in a globally networked logistics system

Extreme requirements apply in international parcel and mail traffic:

High throughput, tightly scheduled sorting processes, and 24/7 operation are indispensable. Modern e-commerce logistics centres must sort and distribute enormous volumes of shipments in the shortest possible time – across multiple levels and under constant time pressure.

A solution had to be found that:

- enables vertical transport in a space-saving manner
- ensures maximum process reliability under high-load conditions
- handles different shipment sizes effortlessly
- operates almost maintenance-free
- functions without unplanned downtime

Conventional conveyor systems quickly reached their limits due to the high load and spatial complexity.



It's a NERAK.
The Original since 1987.

The Solution

NERAK vertical conveyors as a highly reliable link in the conveyor chain

The logistics company relies extensively on NERAK vertical conveyors – in both mail and parcel centres as well as e-commerce distribution facilities.

Thanks to their compact design, NERAK CVC and S-conveyors can be easily integrated into existing systems, even in tight spaces or multi-level conveyor structures. They transport shipments of varying size and weight quickly, continuously, and gently – without additional transfer points and without damage.

The result: high process stability, consistent speed, and smooth material flow throughout the entire network.



Maximum operational efficiency through reliable 24/7 continuous operation



High throughput even with highly variable shipment volumes



Gentle transport of letters, parcels, and mixed shipments



Space-saving integration into multi-level logistics and sorting systems



Low maintenance thanks to robust construction and durable NERAK rubber block chain



Minimal downtime and low operating costs



Scalable system solution for new and existing logistics architectures



Long-term operational reliability even under high-load conditions

Do you have questions?

LET'S TALK

NERAK GmbH Fördertechnik
Brigitta 5 | 29313 Hambühren (Germany)
+49 (0) 50 84-944-0
info@nerak.com | www.nerak.com



It's a NERAK.
The Original since 1987.