

CASE STUDY

VERTICAL MATERIAL LOGISTICS ACROSS 150 HECTARES OF OPERATIONAL SPACE

The customer is one of the leading European providers in industrial C-parts supply. The company has developed into a highly modern logistics and supply specialist, covering 150 hectares.

Since 2004, the customer has relied on vertical conveying technology from NERAK – today, over 20 systems are in operation across the entire industrial park. The equipment serves as key components, without which the overall logistics could not function in its current form.

The Challenge

Maximum availability in tightly scheduled logistics areas

The Drillberg industrial park is continuously growing: increasing automation, high product variety, rising customer expectations – and logistics that must operate reliably six days a week.

For smooth operation, thousands of containers, cartons, and load units must be moved daily between different levels – quickly, reliably, and integrated into a highly complex material flow architecture.

Key challenges:

- vertical transport requirements in multi-level warehouse and logistics structures
- high throughput volumes with minimal risk of downtime
- limited floor space despite expanding processes
- integration into a finely tuned, automated intralogistics system



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The Original since 1987.

The Solution

NERAK S-conveyor & console lifter – robust vertical technology for maximum process reliability

In the industrial context, primarily NERAK S-conveyors and several heavy-duty console lifters are used.

These systems handle the vertical connection of central logistics processes – including between goods receipt, picking areas, automated small parts warehouses, packaging, and shipping.

What NERAK technology delivers in operation at Würth:

- high throughput even during peak loads and seasonal order fluctuations
- gentle, secure transport of various container types and units

- compact design, ideal for tightly planned material flow layouts
- extremely robust, low-maintenance construction for 24/7 continuous operation
- seamless integration into automated logistics systems and IT infrastructures

Thanks to the long-standing partnership, new site expansions could be connected seamlessly – NERAK technology grows modularly with the requirements.



Space-saving & efficient:

Multi-level structures and vertical conveying technology reduce floor space requirements and create valuable capacity on site.



Maximum reliability in continuous operation:

The low-maintenance NERAK technology ensures stability even during peak loads – downtime is minimised, and planning reliability is maximised.



Safe and gentle transport:

Different load units are guided securely between levels, preventing damage and maintaining quality standards.



Scalable & future-proof:

Each system can be expanded or adapted modularly – a crucial advantage given the continuous growth of the Drillberg industrial centre.



More process stability in overall logistics:

As vertical nodes, NERAK systems keep the material flow constant – a measurable contribution to the overall performance of the logistics system.

Do you have questions?

LET'S TALK

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