



CASE STUDY

VERTICAL MATERIAL FLOW FOR MAXIMUM LAUNDRY PERFORMANCE

The customer operates a modern large-scale laundry, processing large volumes of textiles daily from hotels, care facilities, and healthcare providers. Reliable, fast,

and at the same time gentle material transport is especially crucial during peak workloads.

The Challenge

Gentle material flow during peak volumes

In industrial large-scale laundries, every production step is tightly scheduled: sorting – washing – drying – folding – packing – shipping. During peak times, for example seasonal surges, volumes increase sharply.

Multi-level production layouts require vertical conveying solutions. Laundry containers or loose, folded

textiles must be transported quickly and, at the same time, particularly gently between levels. Space is often very limited – every square metre counts – and material flow must not stall even at maximum capacity.



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The Solution

Vertical conveyor – compact, powerful, and gentle

In the large-scale laundry, a vertical conveyor was integrated as an interface between the process stages. Thanks to its compact design, the system fits seamlessly into existing structures without occupying additional floor space.

Key features:

- high throughput, even with large volumes during peak periods
- gentle transport for folded or delicate laundry units
- robust, low-maintenance technology for 24/7 continuous operation

The system's strength is especially evident during peak workloads: material flow remains stable, and delays are minimised.



Space-saving & efficient:
Multi-level laundry structures reduce required floor space and optimise workflows and capacities.



Reliable continuous operation:
Stable performance even during peak volumes, ensuring high productivity and planning reliability.



Gentle transport:
Protects delicate textiles, prevents damage, and maintains quality.



Scalable & flexible:
The solution can be adapted to future capacity expansions, avoiding costly retrofits or new purchases.



Higher process stability:
Secure material flow reduces interruptions and increases the overall performance of the system.

Do you have questions?

LET'S TALK

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