



MATTHYS GROUP

Matthys builds a safer, faster & more efficient automated pallet warehouse with SINAMICS G120

Customer Challenge

- Matthys needed to transform an internal storage area into a **modern automated pallet warehouse** that would improve safety, maximize space utilization, reduce manual handling, and support quicker goods flow — all while keeping energy use and operating costs under control. The legacy storage processes were slow, inefficient, and space-constrained.

Solution

- Matthys engineered an automated pallet warehouse using Siemens SINAMICS G120 frequency converters to drive the material handling and conveyor systems. The G120 drives deliver precise, energy-efficient speed and motion control throughout the warehouse infrastructure, forming the backbone of the automated logistics solution.

Customer benefit

- **Faster material flow:** Automated pallet storage significantly accelerates inbound and outbound handling compared with manual or semi-manual systems.
- **Improved safety:** Reduced manual handling and controlled drive systems enhance workplace safety within the warehouse.
- **Lower energy consumption:** SINAMICS G120 drives deliver optimized motor control, contributing to more energy-efficient warehouse operations.
- **Better space utilization:** Automation enables denser, more effective pallet storage, creating room for a new market segment or expanded operations