

Press release

An Innovative intralogistics solution with pallet shuttle, ASW and conveyor technology for Windhager

As an international family business with a history going back 100 years, Windhager is THE goto provider of innovative heating solutions in the premium renewable energy sector. To meet the constantly increasing demand for climate-neutral heating systems (especially heat pumps), Windhager is planning a new, future-oriented and sustainable plant in the district of Gmunden (Upper Austria). This will be used primarily for the production of heat pumps and as a central warehouse for the main plant in Seekirchen am Wallersee. The aim is to work even more actively on the rapidly growing heat pump market and to set up a future-oriented, efficient factory with a high level of automation. HÖRMANN Intralogistics made a great impression with its resilient solution concept, and won the order to implement the complex intralogistics system.

The goals

To support Windhager's ambitious growth, the new plant will be designed as an efficient production and logistics site. In addition to the processing and assembly areas, in the future Windhager's entire distribution will also be handled by the new location. The solution proposed by HÖRMANN Intralogistics is designed to meet this challenge with streamlined partially and fully automated innovative structures and processes.

The Windhager intralogistics solution at a glance

The deliverables from HÖRMANN Intralogistics include construction of the steel rack, storage and retrieval machines, pallet shuttle and pallet conveyor, in addition to bins and boxes, driverless transport system and order picking zone with workstations. The HiLIS Warehouse Management System (WMS), which is connected to the customer's ERP system, takes care of warehouse management, material flow and picking control.

- Pallet shuttle: 12,395 slots, 9 levels, 9 pallet shuttles within the levels, 2 pallet lifters for changing levels
- Automated small parts warehouse with 12,408 slots in 3 aisles
- Automatic pallet channel storage with 2,520 slots , 1 stock storage and removal machine with stacker crane
- Driverless transport system with 2 ASWs
- Redundant conveyor

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- Small parts and pallet picking

- Operating mode: 2-shift

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