

Sort2Ship – order consolidation buffer

Pharma



Galderma in Sweden is a global player for innovative aesthetic and corrective treatment solutions. The highly complex product portfolio requires efficient production processes. With a fully automated solution from Kardex Remstar lead times and errors were reduced substantially.

Benefits at a glance

- More efficient production, bigger batches upstream and smaller batches downstream
- Low space consumption (approx. 392 m² or 43 m² of material on a floor area of 40 m²)
- High level of security and no handling errors due to automation
- Reduced lead times
- 100% control of storage levels
- Full traceability, no errors

Further Information:
www.kardex-remstar.com



1 Customer



Galderma is a global dermatology company committed to delivering innovative medical solutions to meet the needs of people throughout their lifetime while serving healthcare professionals around the world. Galderma's site in Uppsala is responsible for research, innovation, development, and manufacturing of the company's aesthetic and corrective treatment portfolio. The company offers a complete portfolio in the aesthetic field including the brands Restylane, Emervel, Macrolane, Azzalure, Metvix and Pliaglis. Worldwide, Galderma has more than 5,000 employees in 80 countries. In Uppsala, Sweden, the company has more than 400 employees and is active in first-rate research and manufacturing.

2 Task definition

Galderma's solutions for aesthetic and corrective treatments are filled in syringes. The product portfolio range is wide and will continue to increase, resulting in a more and more intricate supply chain. A complex product structure is limiting the flexibility in production planning to supply all market needs in an efficient way. The task was the introduction of a buffer storage system, prior to the assembly process, to allow for a more flexible and efficient production planning and reduce stock levels for finished goods.



3 Solution



The solution provided by Kardex Remstar is a fully automated semi-finished-product storage system with Megamat RS vertical carousels, automatic handling trolley and conveyor system. As there are very high quality/tracking standards and requirements in the pharma industry the Kardex solution includes a controlling and inventory system for the intermediate storage using RFID technology for reading and tracking. In addition, the system is delivered with a fully automatic trolley for handling semi-finished-products automatically without any manual operator handling in front of the storage units. With this solution Galderma can store and pick from the intermediate storage according to need. A high degree of machine reliability and safeguard against human errors is guaranteed by the custom-tailored service and maintenance contract.

4 Scope of delivery

- 4 Megamat RS 650 (WxDxH: 3,975 x 1,711 x 8,085 mm)
- 1 automatic trolley with automatic handling device
- 1,700 transport boxes
- Conveyor system
- WMS and material flow system
- RFID technology for reading and tracking
- Service and maintenance contract



Personal information for optimizing your intralogistics:

info.remstar@kardex.com
www.kardex-remstar.com