



swisslog

Mammut Sports Group, Switzerland A Case Study



Efficient logistics with Swisslog's WarehouseManager

*"The handling of storage locations
is much easier with the new
software and we also have full
traceability of all transactions"*

*Mischa Koller
Business Development
Project Manager*

The Customer and his Requirements

A manual ropemaking business founded in 1862 has evolved into a top supplier of mountain sports and outdoor equipment.

The latest production techniques, innovative developments and products with matchless quality and functionality have helped the company to become an outstanding name on the mountain sports scene around the world.

The Swiss Mammut Sports Group sells its products throughout the world, and has its own subsidiaries in Germany, the USA and Norway – in the other countries Mammut has a network of agents.

Mammut came to Swisslog because they needed to update the controls of their high-bay warehouse in Seon, which Swisslog had earlier supplied.



The Solution

In 1990, a new building with an area of 21,000 m2 was put up in Seon (Switzerland) for administration, production and warehousing. The high-bay warehouse, delivered by Swisslog, comprises nearly 10,000 pallet locations.

In Memmingen, in southern Germany, the sales company for the EU market is located. There are two buildings which covers 6,000 m2 and 5,000 m2 of warehouse space, and these are used for handling the logistics in the EU countries.

The recent project that Swisslog realized for Mammut had three objectives:

- To introduce standard warehouse management software in Seon (CH) and Memmingen (D), with the aim of harmonizing and unifying the processes and functions.
- To replace the obsolescent hardware and software used to control the high-bay

warehouse (HBW) in Seon.

- To make selective improvements in the control of the HBW.

The high-performance computer is located at the company's head office in Seon. The warehouse in Germany is controlled by the same computer via a leased line. Further warehouse sites can be connected to the central server as required.

Connected to the Mammut network are the automated components (high-bay warehouse, horizontal conveyor system etc.) plus, for the manual areas, such peripheral devices as radio terminals, printers and PC workplaces.

Swisslog's HelpDesk provides online support as required for Mammut's daily activities.

Logistics Data



Seon

- Automated high-bay warehouse with 3 "goods-to-man" picking stations
- 1 manual warehouse for clothes
- 12,000 articles in stock (35,000 active articles)
- 3 packing stations
- 9 radio terminals
- 6 radio scanners

Memmingen

- 2 pallet warehouses for picking and replenishment
- 2 manual warehouses for clothes
- 11,000 articles in stock (35,000 active articles)
- 1 external warehouse

- 5 packing stations
- 12 radio terminals
- 5 radio scanners

Warehouse data (for both warehouses)

Goods received

Ø pallets / day 40

Picking

No. of DN's / day 300

with Ø items / day 2,200

Packing & shipping

Post, no. of DN's / day 300

No. of packets / day 350

HGV no. of DN's / day 4

No. of pallets / day 20



Interview



Mischa Koller
Business Development
Project Manager

Why did you start looking for a new solution?

"We needed to modernize the existing warehouse management system. We used to have a tandem system with proprietary software."

How did you get in contact with Swisslog?

"Swisslog was the supplier of our existing application and since we were satisfied with it, it made sense to go with Swisslog again."

Why did you pick Swisslog as supplier?

"The process know-how Swisslog has, in particular in regards to high-bay warehouses, was an important factor in our decision. Furthermore, we expected Swisslog to be a reliable partner due to their reputation. In addition, Swisslog has their headquarters very close to ours, which also contributed to our decision."

What are the benefits of the new solution?

"The new system has given us a higher flexibility, thanks to real-time adjustments in the system. Another benefit is that everything now is paperless and our transactions are instantly being booked in the system. In addition, the handling of storage locations is easier with the new software and we have full traceability of all transactions."

What was the new solution meant for the daily operations?

"We now work differently, since we have RF terminals. The highly controlled processes also mean less possibility for individual mistakes."

How have the people/operators reacted to the new solution, the changes etc?

"At first, we had a phase of getting used to the new ways of working. However, the operators all have had a positive attitude to the changes."

How did the transition period, from the old to the new system, work?

"The production start went very well! 80% of our daily business could very soon be processed in the new system."



Distribution



Customer Data



Mammut Sports Group, Switzerland
www.mammutsportsgroup.ch

Turnover: 130 MCHF

Number of employees: 240

Organization

Headquarters in Seon, Switzerland and subsidiaries in Germany, Norway and USA.

Industry

Textil/Alpine and Outdoor Sports

Brands

Mammut, Ajungilak, Raichle, Toko

Products

Mammut: Clothing (alpine, outdoor, snow), ropes, climbing shoes, harnesses, hard goods, backpacks

Ajungilak: Sleeping bags

Raichle: Footwear (mountaineering, backpacking, hiking, multifunction, urban, outdoor, black boots)

Toko: Waxes, tools, clothing (cross-country), care line

The benefits

- The goods are controlled during the processes (licenses, zones etc)
- Higher flexibility through physical and system technical adjustments in real-time
- Easier handling in the storage location management
- Paperless operations, with instant book entry and positioning of the transactions
- Full traceability of all transactions

Swisslog Scope of Supply

- **1989**: Concept study and system planning for dispatch and production storage
- **1990**: Realization of an automated high-bay warehouse as general contractor
- **1994**: Extension of the high-bay warehouse with one additional aisle and software adaptations
- **2002**: Implementation of standard WMS WarehouseManager and implementation of RF system