



Top-Track® High-Density Storage with MetroMax® 4 Polymer Shelving

Case Study: Seinäjoki Central Hospital



Overview

Like many healthcare facilities, Seinäjoki has been investing in new build, expansion and refurbishment projects. Part of this development was the creation of a new state-of-the-art pathology unit. Within this new expansion, the project leaders at the hospital wanted to include as much cutting-edge technology as possible. This included their choice of storage solutions.

The Challenge

The staff at Seinäjoki wanted to maximize the use of space in a relatively small storage room which was required to store goods of varying size and weight. Thanks to Metro's innovative Top-Track concept it was possible to design a solution which would give close to 50% more storage space than a more regular shelving system. Seinäjoki hospital, similar to many Finnish hospitals already uses Top-Track for this very reason. What makes this one special is that instead of being based upon wire shelving, for the first time an all-polymer solution, MetroMax 4, was offered.

MetroMax 4 shelving is much lighter than conventional wire shelving; it is also so much easier to clean and adjust and even comes complete with Microban antimicrobial protection. These features were all interesting to Seinäjoki and helped to convince them that the MetroMax 4 Top-Track solution was their best option.



About the Seinäjoki Central Hospital

The Seinäjoki Central Hospital was built in 1979 and is part of the South Ostrobothnia hospital district. The hospital is in Seinäjoki, Finland, and houses 573 beds. Since its creation, the Seinäjoki Hospital has undergone many changes and advancements including an extension added to the main building in 2005. Besides that, the hospital has been working on improving its internal productivity and taking advantage of the space they have, while also creating a state-of-the-art pathology unit. Typically, a new storage area is not simple to prepare, but the Metro product experts were eager for the challenge.



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Seinäjoki and Metro

During the summer of 2018, Metro and Medihealth presented Seinäjoki with a choice of various configurations. The specification asserted that the solution needed to have a minimum of 160 linear meters of shelving (5 tiers at 400mm width). One of the prospects given was a double-deep style solution with two Top-Track systems side-by-side; maximizing the space utilization and yielding 293 linear meters (approx. 961 ft.) of shelving. This was ultimately the preferred solution and the installation was fitted by the end of June. The storage area has been operational since November 2018. This permitted plenty of time for the staff to get familiar with the MetroMax 4 shelving and the Top-Track design.

Conclusion

By utilizing the MetroMax 4 Top-Track system, the Seinäjoki Hospital was able to utilize its smaller areas more efficiently. Mervi Jumpanen, the Head of Ylisolubiologi, had this to say concerning the developments:

“We are very happy with the MetroMax solution. It is incredible how much can be stored in such a relatively small space. Also, even when it is very full, it is easy for one nurse to move the shelving and quickly access any items required.”

The MetroMax 4 Top-Track solution gave them the capacity to adequately utilize their space and the capability to obtain supplies without complications. Along with these benefits, the staff marveled at the lightweight feel of the MetroMax 4 Top-Track and how easy the units were to clean. Head Nurse of Pathology Unit, Paivi Karki stated:

“I was impressed with the intelligence of the design – essentially double-deep but independently moving shelves. Also, the fact that it is easy to keep the room clean, as the floors are clear of any obstructions and the shelves are easy to clean and adjust, if required.”

In the end, the MetroMax 4 Top-Track solution was the appropriate fit to guarantee an ideally coordinated storage area at Seinäjoki Hospital.



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