Case Study

ASRS for Automated Manufacturing



kardex remstar



Case at a glance

How we took our customer from task to solution

USNR, in Woodland, Washington, USA, is an OEM manufacturer supplying wood processing companies around the globe. In addition to manufacturing equipment, they provide replacement parts and support around the clock. As business grew, USNR sought to implement a more efficient, automated manufacturing process. Four Vertical Lift Module Kardex Shuttle saved 92% floor space, reduced labor by 53% and improved worker ergonomics.

Making the Cut

Customer and task

USNR aimed to upgrade the manufacturing plant by installing and maximize productivity. To do this, they first needed to find space manufacturing system.

Warehouse parts were stored on shelving under a mezzanine. Tooling and raw materials were throughout the facility, which was shelving to increase capacity within more space," said Mike Smothers, Operations Manager, "I had to go

Saved 92% floor space

Reduced labor by 53%

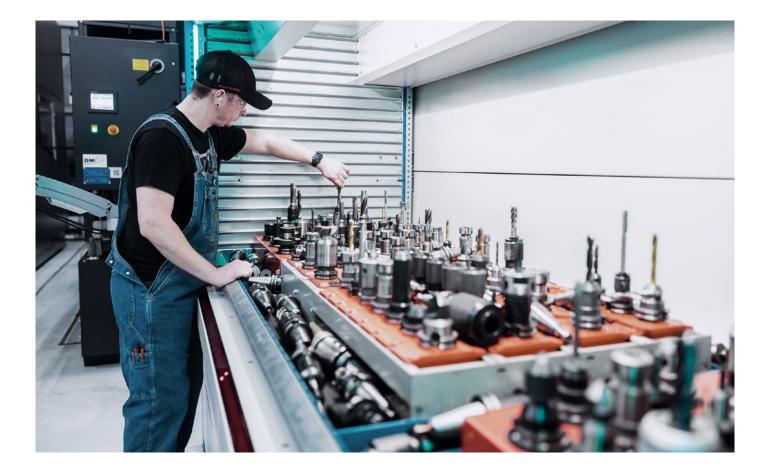
Solution

Phase one of the redesign integrated two Kardex Shuttle with the Kardex Power Pick orders, spares orders and transfer orders.

another Kardex Shuttle as a standalone toolvertically floor to ceiling within a VLM located next to the FMS system.

Kardex Shuttle was added to store raw table makes it easy to store and retrieve these raw materials and fixtures. In addition,

Improved worker ergonomics



Scope of delivery



Four Kardex Shuttle each 30 feet tall. Two managing 2,500 small parts, one storing tooling & one storing raw materials and fixtures



Kardex Power Pick System inventory management software



Manual tray extraction