

Case Study

Health & Safety in Intralogistics





Safe storage of hazardous items

Customer and task

Faced with the daunting task of safely storing hazardous materials like flammable liquids, Rubix needed a new solution that adhered to strict regulatory standards. After an audit they decided to take measures to meet strict HSE (health and safety executive) regulations and to protect colleagues, customers, products, and the environment. "We were driven to find a best practice health & safety warehouse solution, particularly one that would meet the standards of COSHH (control of substances hazardous to health)", explained Alistair Yates, Programme Manager – Logistics Function, Rubix UK.

They needed a solution to ensure safe storage and to reduce the touchpoints between operators and hazardous items.

Solution

To meet the challenge of safely storing hazardous COSHH products like grease and aerosols, Rubix implemented two [Kardex Shuttles](#) and two [Kardex Miniload-in-a-Box](#).^{*} This simple automation has significantly reduced the number of operators to a small, highly trained team, increasing safety measures with less touch points. The state-of-the-art machines provide a secure, enclosed storage environment, adhering to strict safety regulations.

The Kardex Miniload-in-a-Box are specially designed for smaller items, accommodating anything up to 35kg in a 640 x 440 mm bin, while the Kardex Shuttles handle the rest. To optimize space and maintain systematic organization, Rubix has equipped these machines with [Kardex VBM Boxes](#) and [Kardex VLM Boxes](#).



Moving forward, Rubix will introduce the [Kardex Frame Pick System](#) to boost efficiency fivefold, as highlighted by Matt Luke, Logistics Director of Rubix UK.

Case at a glance

How we took our customer from task to solution

Rubix is a renowned global distributor of industrial products. In their national distribution center in Wolverhampton, UK, operators pick and maintain multiple components and provide the available stock to customers. Rubix needed a new and safe solution to store and segregate their hazardous items. With already more than 30 Kardex machines in use nationwide, Rubix once again relied on Kardex's advanced technologies.



Safe
picking
of hazardous
items



Reduced
touchpoints



Accurate
processes

^{*} formerly Kardex Compact Buffer



Scope of delivery



Two Kardex Miniload-in-a-Box from the product family Vertical Buffer Module (VBM) to store small items
W: 2,450 mm | D: 10,755 mm | H: 6,200 mm



Two Kardex Shuttles from the product family Vertical Lift Module (VLM) for irregularly shaped items
W: 3,980 mm | D: 2,921 mm | H: 6,250 mm



Kardex VBM & VLM Boxes for maximum storage space within the machines



Contact a specialist