

Hydravalve – efficient storage management of machinery parts and accessories

Warehouse & Distribution



Hydravalve supplies industrial customers with parts and accessories for all things to do with pipes and valves. Due to its growing range of products, its inventory has risen to more than two million articles, making fundamental restructuring measures necessary in the warehouse. The company opted for a solution from Kardex Remstar and the integration of its SAGE software into the storage system in order to increase capacity and optimize retrieval times.

Advantages at a glance

- 45 percent increase in storage capacity
- Space required cut by 80 percent
- Batch picking times have improved by 200 percent
- Picking accuracy increased to 99 percent
- Better working conditions for the employees in the area of ergonomics and efficiency

Further Information:
www.kardex-remstar.com



1 Customer



Hydravalve has been equipping companies in the industry and the energy sector for more than 27 years. The company is based in the British town of Willenhall, where the warehouse with more than 1,000 square meters of storage space is also located. Machinery and spare parts are shipped from here. The focus is on comprehensive customer service and fast delivery of orders.

2 Task definition

The inventory at Hydravalve grew to more than two million items as a result of additions to the product range. There was an urgent need to increase capacity to be able to optimize warehouse efficiency and process orders even more quickly. That is why the company sought an efficient solution with high picking speed and precision. Furthermore, the system had to be compatible with the SAGE software used at Hydravalve.



3 Solution



Capacity has been increased by 45 percent by using five Kardex Remstar Shuttle XP high-density storage units from the Shuttle product family, while also cutting the size of the footprint required by 80 percent. This was made possible by precisely integrating the system into the building's dimensions. It has also been possible to significantly cut the retrieval times: While orders were previously worked through manually, the effective interaction between the automated Kardex Remstar XP 500 storage units and the SAGE ERP software has now created a perfectly intertwined retrieval process. The SAGE software assigns clear ID numbers to items, which the Kardex Remstar XP 500 then uses to automatically identify them and immediately begin the retrieval process. This method has halved batch picking times, while increasing picking accuracy to over 99 percent. Eddie Newham, managing director of Hydravalve, talks about the solution: "We are continually seeking to improve efficiencies and with the addition of new products for our next catalogue we will be offering our customers a wider range of products of the highest quality at the lowest price possible."

4 Scope of delivery

- 2 Shuttle XP HSD500 units (W x D X H: 3,050 x 864 x 4,450 mm)
- 2 Shuttle XP HSD500 units (W x D X H: 3,050 x 864 x 5,050 mm)
- 1 Shuttle XP HSD500 unit (W x D X H: 3,050 x 864 x 5,250 mm)
- Integration of the PPG host interface into the Sage Line 200 software solution
- SumoBoxes



Personal information for optimizing your intralogistics:

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