

Case Study

Efficient and Accurate Order Fulfillment





Continual operation throughout the day

Customer and task

Abey Australia's focus on innovation and quality has resulted in increased demand for their trade, kitchen, laundry and bathroom products. Enabling Abey to maintain their high levels of customer service with a business target to improve order fulfillment efficiency across their operation was a priority.

Currently stored in a mezzanine; access to inventory and walking was a slow process. Using cardboard boxes for storage across many shelves created inaccurate pick and put processes. Abey needed a combined solution for faster order picking and accuracy, a reduced footprint and a connection to their warehouse management system.

Solution

Kardex implemented two Vertical Lift Module Kardex Shuttle 250 units which can store over 1,000 tap-ware accessories and spare parts. These 10-meter modules helped Abey increase their storage capacity within the existing site footprint.

The two Kardex modules allow Abey to pick, replenish and put away products simultaneously, which increases efficiency and allows for continual operation throughout the day.

Additionally, Kardex Power Pick System WMS is combined with operator intuitive pick-by/put-to-light systems and order fulfillment sort bench. This allows the accurate fulfillment of up to ten orders simultaneously in the most efficient way possible.

Case at a glance

How we took our customer from task to solution

Abey Australia has been synonymous with quality and innovation within the kitchen, laundry and bathroom industry. With increased demand for their 3,500 products, Abey required a storage solution to help with current and future workload. Abey chose to implement two Vertical Lift Module Kardex Shuttle 250 units which fully integrated with the warehouse management system to ensure fast and accurate order fulfillment.

Improved
efficiency &
accuracy

Reduced
warehouse
footprint
by 70%

Increased
storage
capacity
by 50%



Scope of delivery



Two Vertical Lift Module Kardex Shuttle 250s



Kardex Power Pick System warehouse management software



Put-to-light system & LED pointer