

Case Study

ASRS for Precision Manufacturer





ASRS for precision manufacturer

Customer and task

Knowing they needed to improve efficiencies to support their growth, Park Industries turned to automation. They needed a solution: 1 – to utilize vertical height to create additional capacity; 2 – to deliver parts to the worker automatically to eliminate wasted walk time; 3 – that could be easily expanded to handle future growth; 4 – to integrate and communicate with their current ERP; 5 – to provide easy access to data for reporting; and 6 – that was user friendly. They were looking for a total solution – a combination of hardware and software – to improve warehouse fulfillment operations.

Solution

The warehouse today has four Kardex Shuttles with pick-to-light technology integrated Kardex Power Pick System inventory management software. They installed the automated material handling solution in stages – starting with two Kardex Shuttles, adding a third two years later, and a fourth after that. Within the same footprint and using the same labor requirements, the warehouse now fulfills twice the number of orders and has doubled inventory capacity.

Park Industries boasts over 5,000+ unique machine parts in stock with a next day delivery guarantee. This level of commitment requires a highly organized and efficient warehouse. "It's critical we manage all parts efficiently – fast, medium and slow moving SKUs – when a customer needs it, we have to find it," said Mark Shankey, Warehouse Supervisor and Training "and it needs to be in clean, usable, working condition."

Case at a glance

How we took our customer from task to solution

Park Industries in St. Cloud, MN manufactures stone working machines that cut, polish and edge stone into slabs for commercial and home use. Growth driven by the granite countertop trend and introducing CNC plasma machines put a squeeze on the warehouse – literally. To accommodate growth, they installed four Vertical Lift Module Kardex Shuttles with Kardex Power Pick System inventory management software.

Increased
throughput

Doubled
inventory
capacity

Increased
accuracy
to 98%



Scope of delivery



4 Kardex Shuttles



Kardex Power Pick System inventory management software



Pick-to-light technology