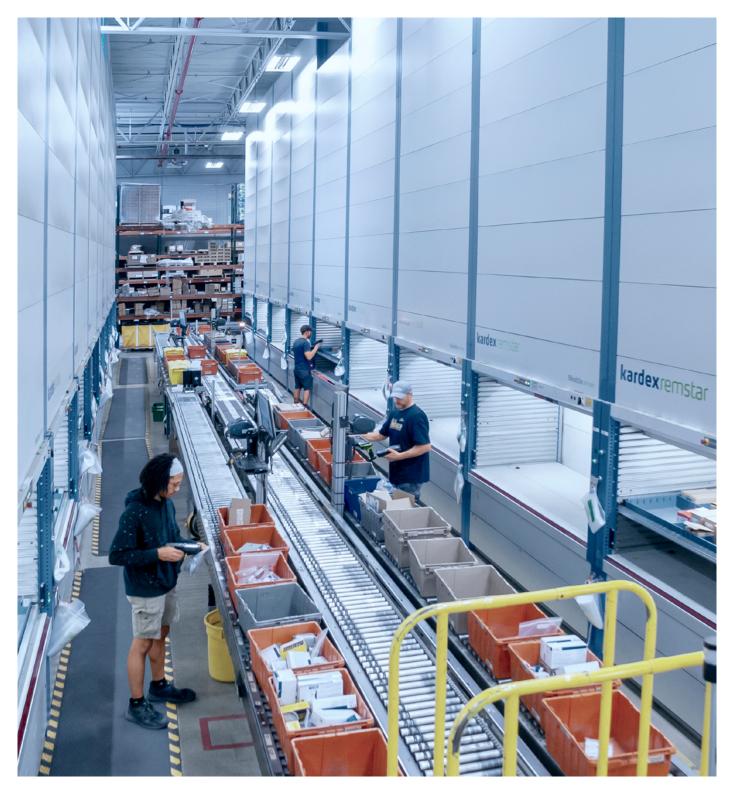
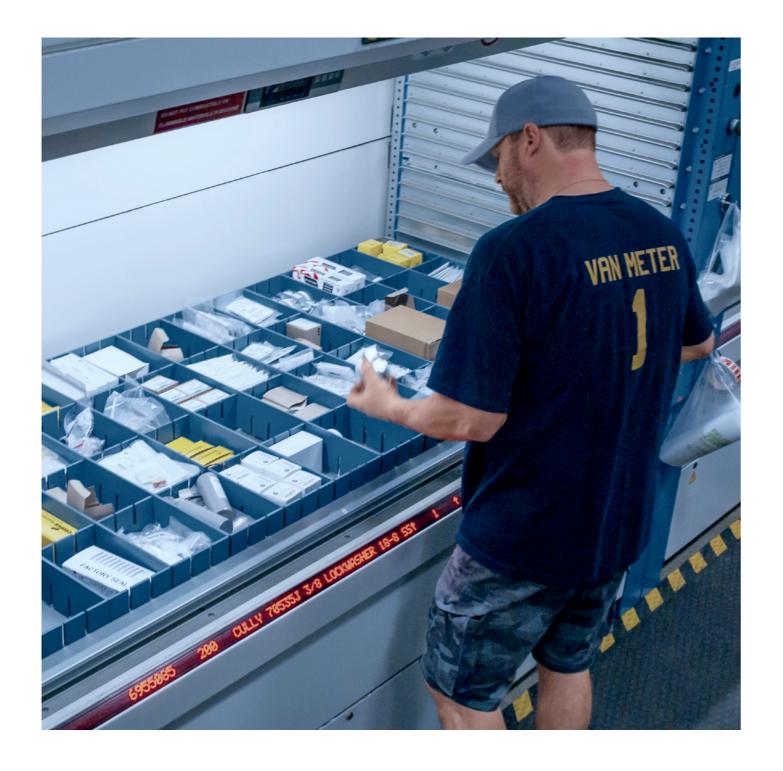
Case Study

Automating for the Future with ASRS



kardex



Case at a glance

Automation helps Van Meter match rapid growth

Van Meter is an electrical parts distributor in Cedar Rapids, IA. Recent growth had quickly outmatched their existing space – inventory became more difficult to manage, storage space was limited, and orders were harder to process. As part of a larger warehouse automation project, Van Meter rerouted orders via conveyor into new picking zones featuring 18 Vertical Lift Modules from Kardex Remstar. The project increased picking throughput by 25%, reduced labor costs by 21%, and raised order accuracy to 99.99%.

Automating the process

Customer and task

Van Meter distributes electrical parts to Iowa's contractor, commercial, OEM, systems integrators, and energy markets. Their 28,000 m² Distribution Center acts as the primary hub for picking and packing orders for their 12 satellite locations and servicing over-the-counter customers.

Due to rapid growth, Van Meter's lines per year grew 20%, peaking at over 1.08 million. Continued growth and delivery of quality customer service depended on a solution which better utilized existing space and increased order picking efficiency and accuracy.

> Increased throughput by 25%

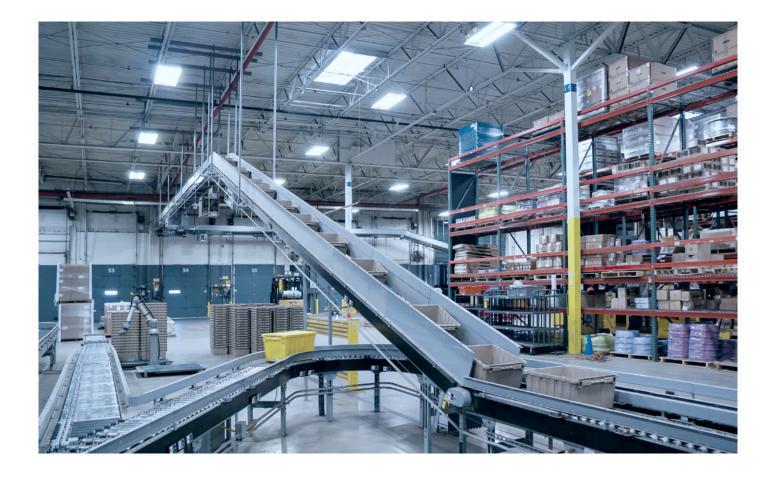
Reduced labor costs by 21%

Solution

As part of a larger warehouse automation project, Van Meter rerouted orders via conveyor into new picking zones featuring 18 Vertical Lift Modules from Kardex Remstar. The Kardex Shuttles are arranged into 4 work zones each integrated with pick-to-light technology and Kardex Power Pick System to enable batch picking within each zone.

Now fulfilling orders using a warehousewide pick and pass fulfillment strategy, Van Meter has increased picking throughput by 25%, reduced labor costs by 21%, and increased accuracy to an astounding 99.99%.





Scope of delivery



18 Kardex Shuttles organized into 4 Picking Zones holding 2,400 SKUs



Kardex Power Pick System inventory management software



Dual tray extraction