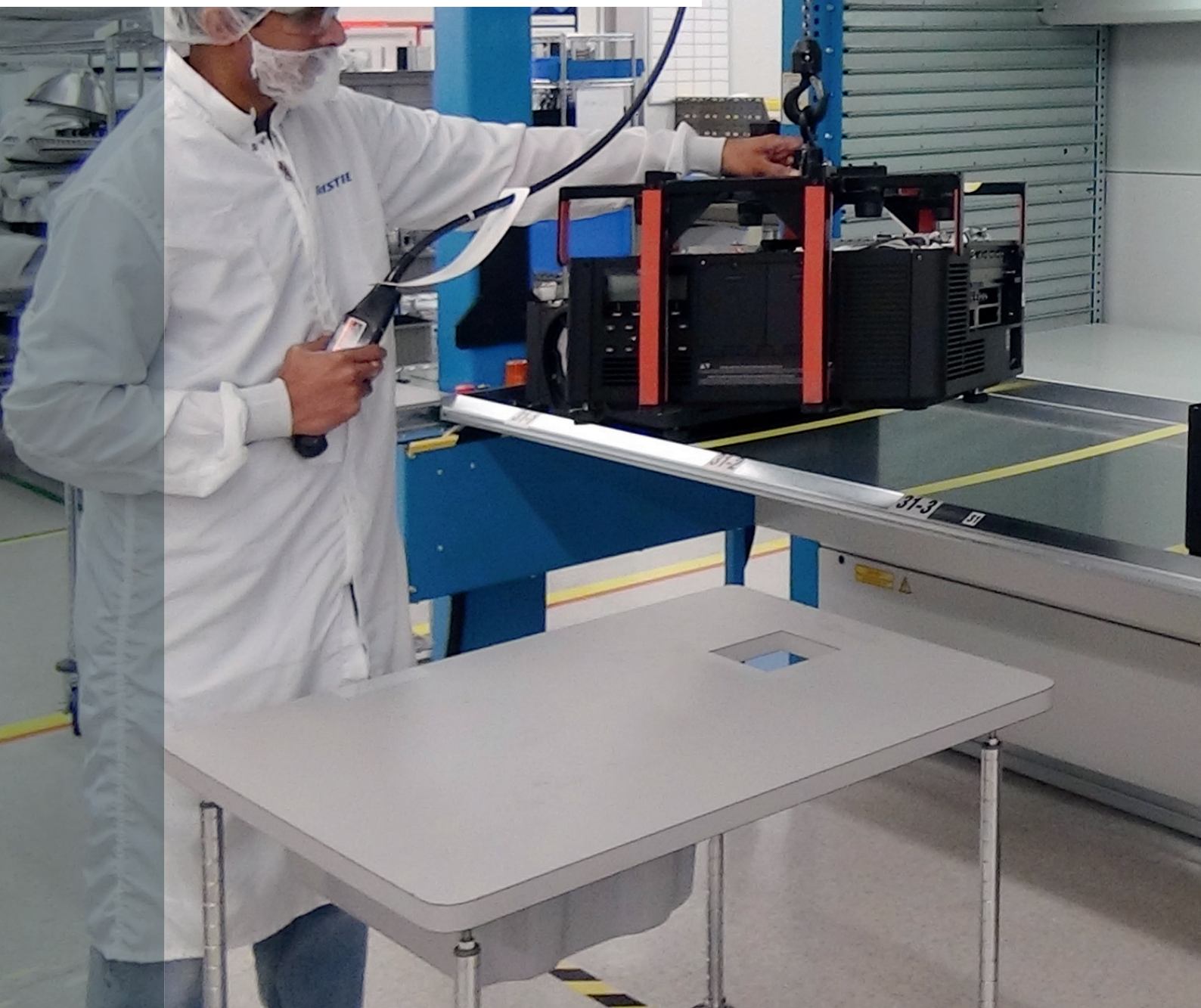


Electronics

Handling Highly Sensitive Items With
Maximum Flexibility



Mastering processes



Small but impressive: highly sensitive electrical modules, components and semi finished products for temporary, short-term or long-term storage have very specific requirements. Small parts warehouse or a complete distribution warehouse: different storage needs combined with a controlled environment and an ever increasing variety and complexity of products demand for highly effective logistics systems.

Improving efficiencies

Success or failure is largely determined by the speed to market. Kardex Remstar products get right to the heart of the production process – material flow – providing flexible, precise, efficient solutions that speed delivery times.

Everything under control

Even the smallest speck of dust has a chance: we ensure optimum conditions – dry atmospheres, controlled temperatures, cleanroom conditions or a combination of these, even in the immediate production environment. Our systems can speed up access to parts and maintain processing time at the machines, and store semi finished and finished products.

Documentation & Traceability

Systematically combining relevant internal processes creates more efficiency, transparency, and flexibility. Transaction recording and documentation of all transactions guarantees traceability.

Order Picking

In situations in which every minute counts, dynamic storage manages operations smoothly with high levels of accuracy.

Applications:

- Storage and picking of small electronic parts
- Environmental control
- SMD storage and picking
- ESD conditions

Shuttle XP



High-density storage in a compact footprint

The Shuttle XP has been designed to meet a broad range of storage and retrieval application requirements in manufacturing, distribution, retail and warehouse operations. The combination of storage density, flexibility, effectiveness and security makes it a unique storage solution. Trays are automatically delivered to the access opening at the push of a button or a scan of a bar code. The device is modular in its construction allowing the height and number of access openings to be adjusted post construction. By utilizing existing ceiling height, up to 85% of occupied floor space can be recovered. The height of each tray is automatically scanned to find the ideal storage location within the system using the least amount of possible space.

Megamat RS



Maximum storage space on a minimal footprint

Kardex Remstar has thoroughly refined the Megamat system, which has been proven over decades of use. The compact design ensures maximum storage space using minimal floor space. Shelves or drawers rotate up or down via the shortest path to automatically deliver stored items to an operator at an ergonomically positioned work station. Every Megamat RS can be used as a standalone solution or integrated with software.

Case Study: Improved manufacturing efficiencies offer custom built projectors within 24 hours



The Customer

Christie in Ontario, Canada is a global visual technologies company offering projection system solutions for cinema, large audience environments, control rooms, business presentations, training facilities, 3D and virtual reality simulations for education, media, medical and government industries.

1

Task definition

Christie aimed to increase production capacity to keep up with increasing market demand.

2

Solution

Two Shuttle VLMs store 200 sub-assembled projectors. Inventory management software and pick-to-light manage FIFO inventory picking.

3

Advantages at a glance

- 90% increase in productivity
- 70% floor space savings
- Doubled storage capacity
- 50% labor reduction
- FIFO picking

4

Scope of delivery

- 2 Shuttle VLMs
- Inventory management software
- Pick-to-light technology

Software Solution Power Pick Global

Flexible Warehouse Management Software for intralogistics solutions.

Power Pick Global is a user friendly Warehouse Management Software designed to enhance intralogistics solutions by providing complete inventory management. Combining dynamic storage systems with Power Pick Global maximizes storage density, reduces pick times for greater productivity and increases pick accuracy.

The software can optimize space within the unit, create pick sequences, prevent out of stock inventory shortages and provide easy real time reporting. With a modular structure, Power Pick Global can meet a customer's requirements – today and in the future.

It can be tailored to various requirements and meets the highest quality standards. Designed as a base package with multiple add-on options, Power Pick Global can be customized to meet the exact needs of each application.

Why choose Power Pick Global?

Efficiency

Power Pick Global helps lower processing times, sequences order picking and assists with time optimized unit movement to increase throughput.

Accuracy

From standard validation via barcode, handheld scanner, weight control or pick to light technology, Power Pick Global



reduces picking errors, increasing accuracy to up to 99.9 %.

Security

Individual user and group rights can be controlled and managed, each transaction can be tracked.

Integration

Based on the latest windows technology, Power Pick Global can be easily integrated with your current ERP or host system.

Kardex Remstar:

Your local authorized Kardex Remstar distributor

Our dynamic storage and retrieval systems are designed to improve your material flow and optimize your intralogistics.

Experience in intralogistics: as a technical leading supplier of vertical lift modules, vertical carousels, horizontal carousels, order picking software and life cycle services Kardex Remstar has installed more than 140,000 dynamic storage solutions all over the world.

Our applications serve a wide range of customers including administration, automotive, chemical & pharmaceutical, electronics, government, healthcare, medical device, oil & gas, and warehouse & distribution . With more than 1,300 employees, two production facilities and local representatives and service locations in over 30 countries around the globe we offer solutions that provide greater profitability.

Further information: www.kardexremstar.com