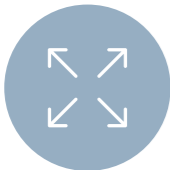Brochure

Kardex
Power Pick System

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Flexible software solutions

Software is an area warehouse managers can overlook when securing intralogistics. However, it is critical to ensure accuracy, efficiency, traceability and security. Not only should software be strategically considered for today's needs, but it should also have the ability to grow as a business grows.
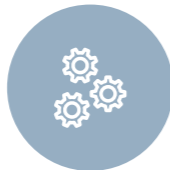
Customized to your needs

The Kardex Power Pick System is a flexible software solution designed for automated storage and retrieval systems (ASRS) that supports a variety of smart picking strategies. It optimizes both dynamic and static storage systems including manual storage areas such as pallets, shelves and drawer cabinets. The fully integrated solution reduces picking travel time, significantly reduces order picking time, unlocks valuable warehouse resources and increases productivity.

Its scalable design matches not only today's business needs but well into the future. Offering full customization, customers start with the essential storage location management system, Keytec, and then, based on business developments and new requirements, they may enhance the solution with optional modules, picking strategies and special programming.

Scalable
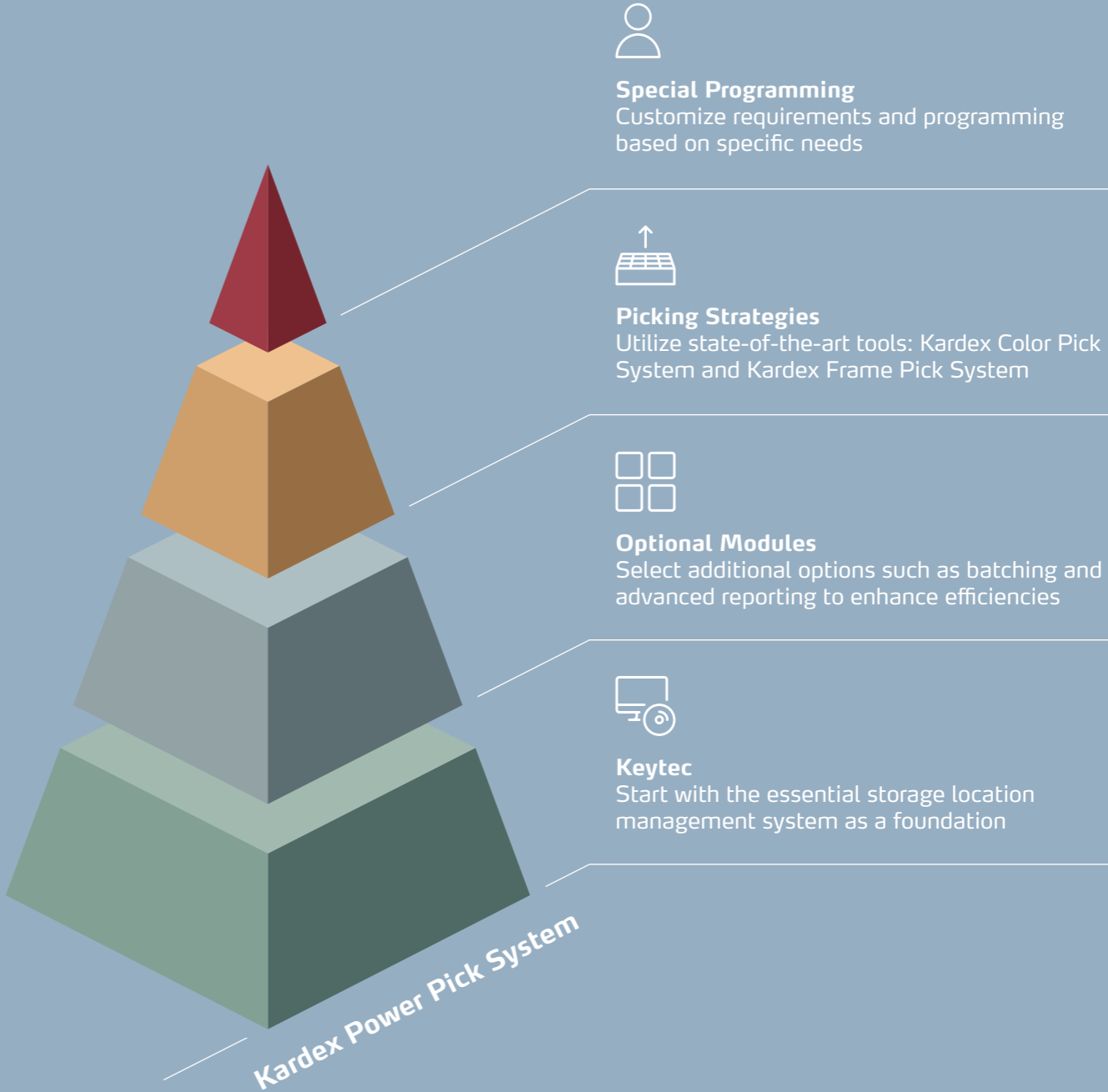Ensure functional scalability thanks to a modular structure

Efficient
Shorten processing times, minimize turnaround times and increase throughput

Accurate
Improve accuracy with smart picking strategies

Secure
Log user transactions and control storage location access with user/group rights

Special Programming
Customize requirements and programming based on specific needs

Picking Strategies
Utilize state-of-the-art tools: Kardex Color Pick System and Kardex Frame Pick System

Optional Modules
Select additional options such as batching and advanced reporting to enhance efficiencies

Keytec
Start with the essential storage location management system as a foundation

Kardex Power Pick System

Keytec

Keytec, the essential storage location management system, is the Kardex Power Pick System's foundational package. It connects the warehouse, storage units and work-stations by managing space and executing reports. It provides consistent, comprehensive and transparent resource management.

Keytec provides everything you need to manage storage locations and stock movements. It offers functions for teams to conveniently manage users' rights, bins, materials, warehouses and storage spaces. Using preproduced lists and reports, it executes simple reporting. With automatic storage space suggestions, unscheduled stock placements and return transfers are possible. Unscheduled stock removals are also seamless by using dynamic lists.

Essential modules of Keytec

User management
Manage user accounts and access rights within the software

Warehouse topology
Manage dynamic/static storage systems and PC/browser-based work-stations and peripherals

Material/bin management
Manage materials (items), bins and their characteristics (e.g., dimensions, types)

Storage location management
Create bin and storage locations and determine bin level and type

Optional modules of Keytec

- HOST communication (e.g., REST, ASCII file transfer, table transfer)
- Inventory count (annual and threshold inventory)
- Batching
- Barcode split and validation
- Serial number, lot and qualification handling
- Zones and pick-/put strategies

Kardex Color Pick System

As businesses continue to face rapidly growing customer needs and look for ways to manage demand fluctuations, efficient and modern picking strategies become critical. Traditional processes can no longer handle the challenges organizations are experiencing today.

The Kardex Power Pick System supports its customers' needs with flexible solutions and balances common challenges such as fluctuating demands, high costs, inventory chaos, and short delivery deadlines. It optimizes storage and retrieval in combination with Kardex machines and covers multiple smart picking strategies including the Kardex Color Pick System, a perfect solution to manage seasonal spikes. The team picking strategy facilitates picking by guiding multiple operators through the process using colors or symbols. Operators follow colors during the entire picking process, picking and putting goods easily and quickly in the correct order. Warehouse managers can easily add or reduce staff based on current order demands and any number of operators can pick in one area or jump in to support another area.

Increase throughput in the warehouse

Manage fluctuating order volume and a variety of products

Minimal investment compared to solutions with similar throughput

Learn more about the Kardex Color Pick System

Kardex Frame Pick System

The Kardex Power Pick System also offers the picking strategy, Kardex Frame Pick System, an innovative, goods-to-person solution that is both modular and scalable. It possesses the huge advantage of working with combi-pick.

The Kardex Frame Pick System merges the warehouse by combining picking and putting activities with the overall order fulfillment system. Each work zone includes a worker stationed between an ASRS and a put frame. The operator picks one item from the cumulative quantity for all orders. The pick-to-light system on the put frames guides the operator in the quantity splitting. The technology highlights the exact amount and confirms its placement.

The solution can be easily extended as the business grows. Customers may add additional ASRS units, put frames and pick carts as needed to increase batch sizes. As the system scales, so does the solution's throughput and storage capacity.

Increase throughput to meet increased demands

Minimize picking errors

Reduce walking distances

ⓘ Learn more about the Kardex Frame Pick System by reading the Solution Guide

kardex.com

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