

Dynamic Slotting

Industries most powerful slotting technology

Basic warehouse logistics principles dictate that a properly slotted distribution center dramatically reduces operating costs, shortens order fulfillment cycles, clears inbound docks faster, and improves overall distribution center efficiency.



What is Dynamic Slotting

Dynamic Slotting approaches slot optimization by evaluating product placement perpetually rather than as a massive relocation event. Smarter machine learning software analyzes many attributes in real-time to determine the best slotting locations in real-time without manual decisions. Dynamic slotting is performed during normal workflow tasks for put-away, replenishment, consolidation and bin movements.

The Problem we are solving

Basic warehouse logistics principles dictate that a properly slotted distribution center dramatically reduces operating costs, shortens order fulfillment cycles, clears inbound docks faster, and improves overall distribution center efficiency.

Manual decisions and after the fact recommendations can negatively impact operating a warehouse. The primary impacts relates to increased labor needs, travel time, reduction in storage space and service levels for inbound and order fulfillment.



Benefits of Dynamic Slotting

Labor & Travel Time Reduction

Increases Space Utilization

Reduces Inventory Touches

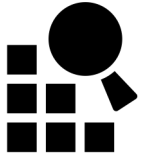
Predictable Picking Speed

Intelligent Decisions

Speak to an Expert

Warehouse Management

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Dynamic Slotting

Features

Process	Slotting Features
Slotting Rules	<ul style="list-style-type: none"> • Slotting and Location Configurator • ABC Velocity • Category Management • Based on Cube, Dimensions, Classification & Weight • Like Products Together • Like Products Apart • Days to Expire, Lot and Serial Logic • Pick Clean Logic • Pre-Assigned
ABC Velocity	<ul style="list-style-type: none"> • Directs Slotting based on ABC Velocity • Calculates Velocity in Real-time • Uses both Historical and Forecasted Demand • Integrated with SmartTask Workflow's <ul style="list-style-type: none"> • Put-Away • Replenishment
Lot, Serial & Expiration	<ul style="list-style-type: none"> • Manages Locations with Lot, Serial and Date Expiration Logic
Maximizes Space	<ul style="list-style-type: none"> • Calculates Size & Weight for Proper fit • Advanced Rules for 3PL's
Put-Away Slotting	<ul style="list-style-type: none"> • Put-away locations determined by dynamic slotting system • Determines size and fit • Put-away to bulk, reserve & prime • Leverages ABC velocity algorithm to slot • Can pick new location and flag old location to be picked clean • Based on order requirements and min/max rules, put-away can be split between prime, reserve & bulk
Replenishment Slotting	<ul style="list-style-type: none"> • Min Max Triggers along with Days of Supply • Directed Replenishment to Prime Locations • System Calculated Slotting Rules • Prioritizes Replenishment based on Order Demand • Each, Case & Pallet Replenishment Capability • Lot, Serial & Expiration Controls