



FlexBinsPort™

**One Workstation. Every Bin Height.
Complete Orders.**

FlexBinsPort is AutoStore's native mixed-Bin workstation, built to fulfill complete orders from a single Port, even when order lines span multiple Bin heights. **It turns Bin size from a daily operational constraint into an upfront design choice, so your operation can absorb changing assortments and inventory profiles without extra handling steps, separate workflows, or overbuilt capacity.**

Orders now frequently combine small items and large ones, eaches and cases, fast movers and long-tail SKUs, all in the same pick. Most operations manage that variation through separate workstations, dedicated storage and handling areas, adjacent technologies, or downstream consolidation. These workarounds add labor, handoffs, and workflow complexity, making operations harder to standardize and scale.

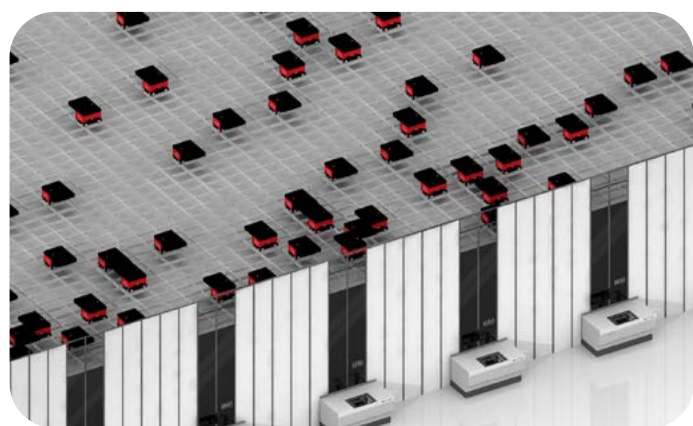
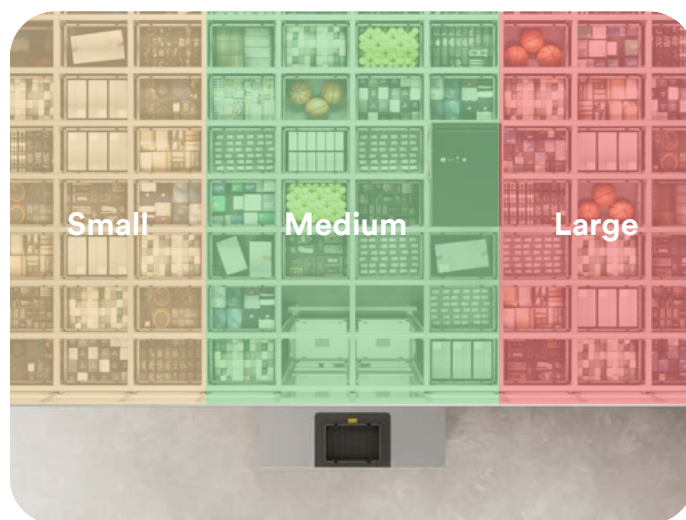
FlexBinsPort removes these trade-offs with **one Port that dynamically handles all standard Bin heights (220 mm, 330 mm, and 425 mm)**. Operators fulfill complete orders in one workflow, regardless of the Bin height each order line is stored in. That cuts manual touchpoints, downstream consolidation, and reliance on separate handling areas and adjacent technologies.

How it Works

FlexBins™ and FlexBinsPort™, working together

FlexBins enables storage of multiple Bin heights within a single Grid, allowing Bin size to be matched more closely to SKU profile. FlexBinsPort extends that flexibility to picking or order fulfillment by handling mixed-Bin heights through a single Port. Together, they make mixed-Bin operations practical to deploy and scale while improving the use of space, labor, and automation resources.

Note: Bin zoning by Bin type still applies.



Operational Fit

Most valuable when:

- Product dimensions **change frequently**
- Orders span **multiple Bin heights**
- The solution design includes **multiple Bin sizes**
- Workflows **routinely bring different Bin heights** to the same workstation

3PL with multi-tenant

- **Fit criteria:** Product profiles vary by client and change over time.
- **Value:** Greater flexibility without dedicated workflows for each account.

Retail

- **Fit criteria:** Broad catalogs and mixed-category orders create frequent variation in product dimensions.
- **Value:** Broader SKU coverage with fewer manual touchpoints.

Grocery and healthcare

- **Fit criteria:** Orders combine case-level inventory and individual item picks across different Bin heights.
- **Value:** Case and each-picking through one fulfillment workflow.

Industrial

- **Fit criteria:** Parts, electronic equipment, automotive components, and machinery vary widely in size.
- **Value:** Higher storage density with less downstream consolidation.



Key Benefits

1. **Operational Agility**
- Maintain performance as SKU variability increases
2. **Investment Efficiency**
- Get more ROI through better use of space and equipment

FlexBinsPort handles all standard Bin heights from one Port, helping operations adapt to changing product dimensions and assortments without adding separate picking workflows.

FlexBins and FlexBinsPort support 10% to 15% higher storage utilization by matching Bin size to SKU profile, while reducing adjacent technologies and downstream consolidation. Together, they support up to 5% broader SKU coverage within a single AutoStore system.

3. **Operational Simplicity**
- Handle more of the order through one system and one workflow

Complete orders spanning multiple Bin heights at one workstation, with fewer manual touchpoints, fewer workflow exceptions, and less downstream consolidation. One operator can complete more of each order without moving between separate stations or processes.

4. **Solution Design Flexibility**
- Design for existing and future requirements

Support broader assortments and changing inventory profiles without making Bin height a daily operational constraint.

10% to 15% higher storage utilization.

FlexBins matches Bin size to SKU profile, while FlexBinsPort reduces the need for manual handling areas and adjacent technologies.

Complete orders from one workstation.

Dynamically handles 220- , 330- , and 425-mm Bin heights with no manual changeover.

Higher labor efficiency and less workstation complexity.

One operator completes more of the order at one Port.

Up to 5% broader SKU coverage

Up to 5% broader SKU coverage within a single AutoStore system through mixed-Bin solutions.