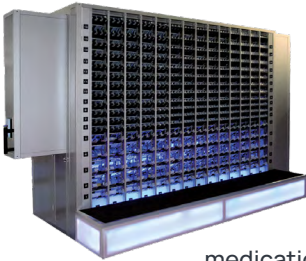


Capsa's Unit-of-Use Automation



Unit-of-Use Automation Overview

Capsa Healthcare's Unit-of-Use Automation streamlines the dispensing of packaged medication doses in central fill and mail-order pharmacies. Engineered for maximum efficiency, these systems can handle up to 1,500 SKUs, including ointments, inhalers, injectable medications (such as prefilled pens and auto-injectors), blister packs, and pre-packed bottles.

Unlike traditional systems that rely on single-arm robots originally designed for smaller-scale operations, Capsa's system is purpose-built for high-output central fill pharmacies. Its space-efficient design, unmatched throughput, and seamless cold-chain integration deliver superior performance while minimizing maintenance and operational costs.

Designed to eliminate the labor-intensive, error-prone nature of manual dispensing, Capsa's Unit-of-Use Automation delivers:

- Maximum Density
- Unrivaled Speed
- Customizable Design

Unit-of-Use Automation By The Numbers

2s	6-medication order picked in 2 seconds
50%	Save 50% in labor costs or more
10k+	Throughput: Up to 10,800 packages per hour
80%	Automation: Handles up to 80% of unit-of-use dispensing
18.9k	Storage Capacity: Up to 18,900 packages



Custom Configurations: Fully adaptable to formulary, packaging sizes, space requirements, and patient populations



Cold-Chain Capabilities: Multiple solutions for temperature-sensitive medications

Automation versus Manual Picking

Capsa automates one of the most labor-intensive processes in central fill, offering significant advantages over manual pick stations.



METRIC	MANUAL PICKING	UNIT-OF-USE AUTOMATION
Workload	Manual picking only	Automates up to 80% of SKUs
Capacity	50-600 SKUs (on shelving occupying the same amount of space Capsa's units fill)	Scalable: 500 - 1,890 SKUs per unit
Operating Speed	Est. 30 seconds	6-medication order in ~2 sec
Labor Savings	Labor-intensive	50% or more



Unit-of-Use Automation

Core Values

- Purpose-Built for Central Fill: Optimized for the unique needs of high-output pharmacy operations
- Eliminates Manual Picking: Replaces up to 80% of manual tasks
- No Recalibration Needed: Ensures continuous accuracy and efficiency
- Space-Saving Design: Reduces storage area needs by 50-75%
- Streamlined Cold-Chain Integration: Incorporates specialized packaging and routing
- Efficient Workflow: Elevator-conveyor system batches medication doses for labeling, saving steps and time
- Intelligent Software:
 - Alerts for low inventory levels
 - Barcode scanning prevents stocking errors
 - Automated order generation based on min-max levels

Explore Capsa's
Unit-of-Use
Automation



QUICK
LOOK



INTEGRATION
INTO CENTRAL
FILLING

Unit-of-Use Automation Specifications

Specification	Details
Space Requirements	Minimum: 49" x 63" x 95"; Maximum: 140" x 63" x 95"
Weight	Up to 4,189 lbs (empty)
Floor Pressure	450 kg/m ²
Storage Capacity	Up to 18,900 packages
Throughput	Up to 10,800 packages/hour
Dispensing Speed	6 packages in 2 seconds
Restocking Speed	750-1,000 packages/hour
Maximum Package Size	7.8" x 5.2" x 4.1"
Power Requirements	400V 3-Phase, 16A per phase, 50Hz
Channel Lengths	47" standard; options: 12", 24", 36"
Channel Coating	Teflon
Interfaces	Fully customizable for connectivity needs

