



VersaAI™

Robotic Picking Workstation

Autonomous, efficient, and always on.

VersaAI is an AutoStore robotic picking workstation that automates key intra-Grid workflows, including order preparation, buffering, and SKU/Bin consolidation, to reduce manual handling and keep fulfillment flowing efficiently. It enables continuous, around-the-clock operation while maintaining high accuracy and predictable throughput.

By offloading repetitive tasks from human operators, VersaAI helps warehouses manage rising order volumes and labor-related costs with ease.



Use Cases & Capabilities

Order Preparation: During idle time, the robotic arm pre-picks partial or complete orders from multiple source Bins into a target Bin. The consolidated orders remain buffered inside the Grid until replenishment or downstream lanes are ready.

Order Buffering: Consolidate directly into AutoStore totes (Bins) or final shipping containers and stage ready-to-ship orders in the Grid for immediate release.

SKU/Bin Consolidation: Automatically merge partially filled inventory Bins during off-peak windows to improve storage density and free capacity for inbound.

Pick to Adjacent Technologies: Hand off from AutoStore Bins to external conveyors, pouch sorters, AMRs/AGVs, or auto-baggers to create an end-to-end automated flow.

Ideal for

VersaAI delivers maximum impact for operations with:

- **High order volumes** across e-commerce and D2C channels
- **Labor costs exceeding 60%** of warehouse operating budgets
- **Frequent peaks**, whether daily or seasonal, requiring predictable, intra-Grid workflow performance



Key Benefits

Lower labor-related operating costs

Minimize manual touchpoints by automating repetitive intra-Grid tasks. VersaAI reduces the reliance on manual picking labor, cutting associated operating costs while improving consistency.

Faster order cycle through decoupled picking & packing

Pre-pick and buffer orders inside the Grid, decoupling picking from packing to handle peaks with ease. This enables fewer double touches, and more predictable release to downstream processes.

24/7 operational continuity

Designed for continuous operation with lab-tested 99%+ pick accuracy. Warehouse teams can focus on value-adding tasks and exception handling rather than repetitive work.

Reduced integration complexity

A conveyor-free, OEM-validated cell design lowers integration overhead and maintenance requirements, simplifying deployment.

Scalable roll-outs across sites

Standardized AutoStore APIs and a fully supported AutoStore-built workstation ensure predictable deployments, reduced custom engineering, and easier multi-site replication.

AI-powered

Powered by AutoStore Intelligence™, VersaAI continuously learns from operational data to optimize orchestration, prediction, and overall performance.