

## INDUSTRIAL VENDING SOLUTIONS VLM



- **Increase picking productivity by 20-40%**
- **Increase Security and Employee Accountability**
- **Recover 30-80% of your floor space!**
- **Equipped with an intuitive 19" touch display!**

### Common Applications:

Large Tools, Dies, Fixtures, Jigs, V-Flange Holders, Fasteners, Small Parts Containers, Maintenance and Repair Items, Spare Parts, Slow-Moving Items, Raw Materials, Finished Goods, Direct Materials, and More!

### Reclaim Floor Space for Value-Added Activities

Every industry with high-volumes of parts, components, or tools understands floor space is premium real estate. The AutoCrib® VLM is designed to optimize your facility's layout by taking advantage of unused overhead space. Items are automatically retrieved and delivered to the ergonomically positioned access window for the user.

**The result:** You get the maximum utilization of floor space with minimal labor required for retrieval. See a sustainable 20-40% increase in picking productivity and up to an 80% increase in reclaimed floor space.

The VLM is easy to implement, practical, affordable, built on proven technology, and will provide years of trouble-free service.

### Key Benefits:

- Reclaim Significant Floor Space
- Reduce Labor Costs
- Security and Employee Accountability for Inventory
- Worker Safety – Reduction of Injuries
- Order Picking Accuracy
- Flexibility
- Modular Height
- AutoCrib® Integration
- Easy to Learn and Use
- No Repackaging Required
- Enclosed Inventory Stays Cleaner
- High-resolution 19" (48cm) Touch Display



## SPECIFICATIONS

### POWER REQUIREMENTS:

- Incoming Power Requirement 208-240 VAC, 3-Phase, 60 HZ, 20 Amp Service Required

### DIMENSIONS:

- Machine Footprint: 69" (175cm) X 99" (251cm)
- Machine Height: 12'-6" (381cm) to 40' (1219cm) in 6" (15cm) increments
- Standard Models: 18' (548cm), 24' (731cm), and 31' (944cm) tall

### STORAGE TRAY DIMENSIONS:

- 56"W (142cm) x 2"H (5cm) x 26.5"D (67cm)
- Load Capacity 460 lbs (208kg)

### STORAGE DIMENSIONS:

- Shelf Spacing 4" (10cm) - 28" (71cm), 1" (2cm) center adjustable (standard)
- Special shelf spacing available at 11" (27cm) to 35" (88cm)

### PLATFORM MECHANISM:

- Lift Drive Motor 3 HP AC Motor, Electric / Mechanical Brake & High Resolution Encoder
- Speed 150ft (4572cm) per minute (standard) - up to 180ft (5486cm) per minute (maximum)
- Lift Cables (two) 1/4" (0.635cm) Wire Rope, IWRC, load capacity 6,800 lbs (3084kg) each
- Extractor Motor 1/4 HP DC Motor, Dynamic Brake
- Tray Extractor Patented Full-Width Extracting Method

## SAFETY FEATURES

- **Tray Overhang Optics** - Stops platform motion if tray / product is detected in the path of travel.
- **Shelf Occupancy** - Confirms empty shelf location before inserting tray into assigned location.
- **Product Over Height Protection** - Senses for products too high for assigned tray, before vertical movement.
- **Optical Safety Curtain** - Monitors entrance into workstation for obstructions during movement.
- **Slack Cable Switch** - Senses for slack platform cables during movement.
- **Side Service Door Interlock** - Monitors side service door for opening while the system is in operation.
- **Lockout Tag and Disconnect** - Disconnect handle can be locked out for system service.
- **Emergency Stop Pushbutton**

## US TOOLGROUP®

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