

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 VLM180 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 VLM180 is easy to implement, practical, affordable, built on proven technology, and will provide years of trouble-free service

- Increase picking productivity by 20-40%
- Increase security and employee accountability
- Recover 30-80% of your floor space
- Pay thousands less than competitive machines and still have a well-equipped vertical lift system

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!

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



Specifications

POWER REQUIREMENTS

- Incoming power requirement
208-240V AC, 3 phase, 60 Hz, 20 amp service required

DIMENSIONS

- Machine footprint 69 x 99 in. (1,752.6 x 2,514.6 mm)
- Machine height 12 ft 6 in. to 40 ft (3.8 m to 146.3 m),
in 6 in. (152.4 mm) increments
- Standard models 18 ft (5.5 m), 24 ft (7.3 m),
and 31 ft (9.4 m) tall

STORAGE TRAY DIMENSIONS

- Depth and width 26.5 x 56 in. (673.1 x 1,422.4 mm)
- Height 2 in. (50.8 mm)
- Load capacity 500 lb (226.8 kg)

STORAGE DIMENSIONS

- Shelf spacing 4 in. to 28 in. (101.6 mm to 660.4 mm),
1 in. (25.4 mm) center adjustable (standard)
- Special shelf spacing available
at 11 in. to 35 in. (279.4 mm to 889.0 mm)

PLATFORM MECHANISM

- Lift drive motor 3 hp AC motor, electric/mechanical brake
and high resolution encoder
- Speed 150 fpm (standard) - up to 180 fpm (maximum)
- Lift cables (two) 1/4 in. (6.4 mm) wire rope, IWRC, load
capacity 6,800 lb (3,084.4 kg) 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 workstation 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