

SSI SCHAEFER LOGIMAT®

Vertical Lift Module (VLM)

Automated goods-to-person storage - the right item delivered to your operator every time.
No walking, no searching, no climbing.

What Is a VLM?

SJF has partnered with SSI SCHAEFER to bring the LOGIMAT Vertical Lift Module to our customers. Think of it as a very tall, automated drawer cabinet. Two stacks of trays face each other inside the unit. A built-in lift retrieves the correct tray and delivers it to an ergonomic opening at the front. Your operator picks the item and the tray returns automatically.

Key Benefits

- **Up to 90% less floor space**
Go vertical instead of horizontal. The LOGIMAT uses your ceiling height to store inventory that would otherwise eat up your floor.
- **Pick rates up 20%+**
Goods come to the operator - not the other way around. Shorter retrieval cycles mean more picks per hour with less physical strain.
- **Near-zero picking errors**
The lit access opening and optional LogiPointer laser guide operators directly to the right item on the right tray.
- **Ergonomic by design**
No bending, stretching, or ladder use. The LogiWork option adjusts the tray height for each individual operator.
- **Built to last**
An exclusive rack-and-pinion gear system replaces belts and chains - fewer alignment issues and near-zero maintenance downtime.

How It Works

1. Operator requests an item via touchscreen or connected WMS/ERP.
2. The internal lift retrieves the correct tray automatically.
3. Tray arrives at the ergonomic pick window, lit, and ready.
4. Operator picks the item. Tray returns. Ready for the next.

A Good Fit If You...

- Store small-to-mid-size parts, tools, hardware, or components
- Are running out of floor space but have ceiling height to work with
- Have pickers walking long distances to pull inventory
- Want to reduce picking errors and tighten inventory accuracy
- Store high-value items that need restricted access
- Are considering a move toward automated storage

Scales with Your Operation

Not sure where to start? SJF will walk you through it. The LOGIMAT works standalone right out of the gate and can connect to your ERP or SAP down the road. Multiple units can be linked, and the system scales from 8 ft to 78 ft to fit your ceiling.



INDUSTRIES WHERE VLMs DELIVER THE MOST VALUE

MANUFACTURING & PRODUCTION

Fast access to components, tooling, and spare parts keeps production lines running without warehouse delays.

DISTRIBUTION & FULFILLMENT

High pick volumes and accuracy demands make goods-to-person automation a natural fit for DC operations.

AUTOMOTIVE & AFTERMARKET

Dense SKU counts and high-value parts benefit from controlled access, accurate picking, and compact storage.

AEROSPACE & DEFENSE

Strict traceability, FIFO/LIFO control, and secured access to sensitive components are built-in capabilities.

HEALTHCARE & PHARMA

Secure, controlled dispensing with full audit trails supports compliance and reduces mis-picks in critical environments.

ELECTRONICS & TECHNOLOGY

Small, high-value components stored efficiently with laser-guided picking and restricted user access.

MRO OPERATIONS

Centralize maintenance parts, reduce downtime hunting for the right item, and track usage with built-in reporting.

GOVERNMENT & MILITARY

Controlled access, accountability, and dense storage of parts and supplies in space-constrained facilities.

E-COMMERCE & RETAIL

Rapid order cycles and accuracy requirements make VLMs ideal for picking small items at high velocity.

Software Options

VNC/Basic PLC

Stand alone control with an intuitive touchscreen. Simple tray request and delivery out of the box.

WAMAS LOGIMAT

Warehouse management for one or more VLMs. Adds item management, user security, FIFO/LIFO, barcode scanning, and reporting.

WAMAS with Order Handling

Batch picking, order prioritization, express orders, and ERP connectivity for higher-volume operations.

SPS EasyConnect for SAP

Direct SAP integration covering master data, order management, and inventory from a single source.

Optional Add-Ons

- LogiTilt - tray tilts up to 30 degrees for easier reach
- LogiWork - adjustable tray delivery height per operator
- LogiPointer - laser targets the exact pick location
- LogiGate - hub gate that cuts cycle times in half
- LogiDual - next tray moves while you pick from the current one
- LogiRemote - remote access for fast troubleshooting

Quick Specs

Height range:	8 ft to 78 ft, in 4" increments
Tray load capacity:	Up to 700 kg/1,543 lbs per tray
Machine capacity:	Up to 60 tons (standard design)
Tray width options:	Multiple sizes from 72" to 160"
Tray height adjustment:	1" (25mm) increments
Drive system:	Rack-and-pinion (no belts or chains)
Power supply:	480V +/- 10%, 60Hz, 3L/PE
Control options:	VNC, WAMAS, or SAP EasyConnect

Why Work with SJF

SJF has been solving warehouse storage problems since 1979. We added the LOGIMAT to our lineup because our customers kept running into the same two problems - not enough floor space and too much time spent walking to pick inventory. The LOGIMAT fixes both. We will help you figure out if it is the right fit, spec the system for your space, and connect you with the right resources to move forward.

About the Manufacturer

- Financially independent family business - long-term support guaranteed
- OEM manufacturer - quality controlled design through delivery
- Manufacturing in U.S.A., Canada, and Mexico
- 70+ office locations with local service technicians
- One of the most energy-efficient VLMs on the market

