Vacuum Lift Pick Modules

Improve Your Order Picking Process

Improve key efficiencies for your pickers with these scalable multi-level solutions from Conveyer & Caster - Equipment for Industry.

- Increase production throughput with semi-automated
 order picking
- Improve inventory control and order accuracy with integrated picking to your existing WMS
- Efficiently pick to a pallet and continue the flow to a pallet wrapper and/or shipping department
- Reduce operator injuries with integrated lift assist for picking and placing
- Increase efficiency by bringing product to the picker rather than having the picker travel to the product
- Improve ergonomics of material handling and reduce
 potential for product damage with its associated cost
- Save floor space by taking storage vertical, allowing more floor space for order picking

How it Works

Vacuum lift pick modules integrate various storage solutions that coexist in a multi-level work platform designed to push products more effectively through a warehouse or distribution center. Each SKU is assigned a rack bay with bottom level pallet flow rack that keeps the product flowing to the pick operator.

The picker places a pallet on the conveyor and pulls up the order as indicated from your warehouse management system. The operator uses the traveling lift assist to pick product onto the pallet and to fulfill multiple orders. The pallet is then labeled, processed, stretch wrapped, off loaded and shipped - all within one, cost-effective pick module.





Lower warehouse cost by increasing operational efficiency.



Order accuracy and prompt response time is critical to any successful order picking operation!



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Recommended Components

A successful and efficient pick module system requires the integration of various solutions. This ensures efficiency, accuracy and improved processes for your distribution center or warehouse. Help your pickers reach their full potential by investing in the following related components:

- 1. Pallet and Carton Flow Racks ensure first in, first out product flow and keep stock ready for pickers.
- 2. Pick Module Conveyor System effortlessly transports pallets from bay to bay. A platform raises the floor to put pallet racks, conveyors and pickers at the same level.
- **3. Vacuum Lift/Hoist System** provides a fast, safe and ergonomic way to lift product while minimizing utility cost with a single electric blower.
- 4. Bridge Crane spanning between racks to support hoist and allow lateral movement of lift system.
- **5. Turntables** available to split pallets between multiple accumulation and shipping lanes.
- 6. Accumulation Conveyors for holding and accumulating loaded pallets prior to wrapping and shipping.
- **7. Conveyor Controls** to fully automate the movement of pallets the picking operation and monitor equipment uptime.

Overall, our unique vacuum lift pick modules are designed to help your distribution center make improvements to the processes, equipment and overall efficiencies for your employees and your day-to-day operations.

Contact us today, and let us see if we can help you improve your warehouse operation!



