

# Vertical Buffer Module Kardex Miniload-in-a-Box

## What is a Vertical Buffer Module?

The Vertical Buffer Module is a cost effective tote handling system consisting of an enclosed dense shelving system with a movable mast in the center that stores and retrieves totes, delivering them to an ergonomic turntable picking station or automatically delivering them via outbound conveyor.



99.9% pick accuracy



2/3 labor force reduction



100% ergonomic access  
(golden zone)



70% more energy efficient

Learn more  
about the  
Kardex  
Miniload-  
in-a-Box



Unit dimensions		Bins	Performance
Width	6 to 35 ft	Standard mini-load system compatible bins	Up to 180 dual cycles per picking machine per hour.
Height	10 to 40 ft	15.8" x 23.6" up to 17.3" x 25.5"	Max. total load 138,891 lbs (63 t)
Depth	7.7 ft	Load 77lbs per location	

### Additional options

- Inventory management system integration
- Confirmation button
- Multiple access openings
- Pick-to-light technology
- Automatic connection to existing conveyor technology
- Fire protection (water/gas)