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.

**What is a VERTICAL BUFFER MODULE?**

- **2/3 labor force reduction**
- **99.9% pick accuracy**
- **70% more energy efficient**
- **100% ergonomic access (golden zone)**

**Technical Info for LR35**

<table>
<thead>
<tr>
<th>Unit Dimensions</th>
<th>Bins</th>
<th>Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width: 6 to 35 ft</td>
<td>Standard mini-load system compatible bins</td>
<td>Up to 500 order lines per picking station an hour. (A station can consist of one or more units)</td>
</tr>
<tr>
<td>Depth: 7.7 ft</td>
<td>15.8&quot; x 23.6&quot; up to 17.3&quot; x 25.5&quot;</td>
<td>Max. total load 138,891 lbs (63 t)</td>
</tr>
<tr>
<td>Height: 10 to 40 ft</td>
<td>Load: 77lbs per location</td>
<td></td>
</tr>
</tbody>
</table>

- **Class 100 – 100,000 / ISO Class 5–8** Clean-room Applications
- **Heated Units to +60 °C**
- **Cooler/Freezer Configurations to −25 °C**
- **Fire Protection (Water/Gas)**
- **Controlled Atmosphere (5% Relative Humidity / 10% Relative Humidity)**

- **Inventory Management System Integration**
- **Confirmation Button**
- **Multiple Access Openings**
- **Pick to Light Technology**
- **Automatic Connection to Existing Conveyor Technology**