



**ELEVATE  
YOUR  
STANDARDS**

LIFTING

**MODULAR BOX LIFT**

**Reliable • Efficient • Safe**

With the push of a button the Wildeck® Mechanical Modular Box Lift can quickly reduce the amount of manual trips up and down stairs. Efficiently and safely move parts and material packed in totes, boxes, or carriers to another level.

The modular design simplifies shipping and assembly. Electrical components are preassembled and prewired at the factory to reduce installation time.



**The Wildeck® Advantage**

- ▶ **EFFICIENT**
  - ✓ Moves 500 lbs. 10' in 15 seconds.
  - ✓ Decreases the time it takes to manually move items.
- ▶ **SAFE**
  - ✓ Reduce workmans' compensation claims related to manual material handling.
  - ✓ Integrated full height perimeter guarding encloses the lift.
- ▶ **RELIABLE & DURABLE**
  - ✓ Precision mechanical lift design ensures smooth operation and reliable performance.
  - ✓ No hydraulics to maintain.
  - ✓ Safe, redundant, and long life dual lifting chains used instead of cables.
- ▶ **MODULAR DESIGN**
  - ✓ Fast, easy "Stack & Bolt" installation.
  - ✓ Pre-wired with "Plug & Play" electrical connections.

**EFFICIENCY MATTERS**

# GENERAL SPECIFICATIONS

**DESIGNED & MANUFACTURED** to meet ANSI/ASME B20.1 Safety Standard for Conveyors. Lift is for materials only, not for riders.

**LIFTING CAPACITY:** up to 500 lbs.

**LIFTING SPEED:** 40 fpm (standard)

**CARRIAGE PLATFORM:** is a partially enclosed box, approximately 3'-0" wide by 3'-0" deep by 3'-0" high. Larger custom platforms are available. The operating sides will be open, the non-operating sides and top will be sheet metal (painted red).

**LOAD PATTERNS:** 'C', 'Z', or 90-degree loading/unloading

**LIFT STRUCTURE:** the carriage will be guided between four (4) structural tube steel members integrated into the perimeter enclosures and lift structure.

**FOOTPRINT:** the basic footprint at the ground floor is approximately 3'-10" by 3'-10". It is slightly larger at the top level with the main control panel.

**PERIMETER GUARDING:** full height guarding is integral to the VRC system and is a combination of sheet metal and flattened expanded metal.

**GATES:** one (1) each, are provided at the two (2) operating levels. Standard gates are single swing with electro-mechanical interlocks.

**LEVELS:** the unit will access the lower level and one (1) stop above ground. Additional levels with stops are an available option.

**TOP LIFTING HEIGHTS:** determined by actual site requirements. Carriage stops 30" above all floor levels.

**FLOOR LIMIT SWITCHES:** actuated by the carriage platform to control upward and downward travel.

**MOTOR:** 3-phase TEFC brakemotor with a fast-acting spring-set electrical brake. A helical gear reducer will transfer power through a common drive shaft, sprockets, and *dual roller lifting chains*.

**ELECTRICAL:** the unit is partially pre-wired to reduce installation time and cost. It ships in sections that will be stacked and assembled on site by the installer. The main control panel is located at the upper level of the unit and is labeled UL-508A.

**CALL STATIONS:** incorporate momentary contact pushbuttons. Up/down control and 'E' stop buttons are at each level. The upper level call station is integrated into the main control panel.

**COLOR:** Wildeck fabricated materials are painted with one coat of a two-part polyurethane and/or a one-part epoxy ester. The standard color is Wildeck Gray with a Red carriage. Purchased components are painted per the vendors' standard product.

**DRAWINGS, MANUALS, ETC:** standard approval drawings are provided after receipt of purchase order and prior to manufacture. Installation drawings as well as an Installation, Owners & Maintenance Manual will be provided.

**SHIPMENT:** units are typically shipped in a closed van LTL-Common Carrier. Other shipping options are available. A loading dock is required.

## MODULAR BOX LIFT

### APPLICATIONS:

- ▶ Mezzanine Access
- ▶ Distribution Centers
- ▶ Warehousing & Storage Operations
- ▶ Manufacturing Facilities
- ▶ Retail - Back Rooms
- ▶ Schools, Universities, Colleges
- ▶ Auto Dealerships - Parts Rooms
- ▶ Buildings of Worship
- ▶ Pharmaceutical & Hospital - Storerooms
- ▶ Government Facilities



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P.O. Box 89 • 405 Commerce Street  
Waukesha, WI USA 53186  
262-549-4000 • 800-325-6939  
FAX 262-549-3466 • info@wildeck.com  
[www.wildeck.com](http://www.wildeck.com)