WILDECK®

ELEVATE YOUR STANDARDS®

LIFTING

HYDRAULIC V-LIFT™

High Value – Low Cost

The ultimate lifting solution

In today's 'green' building designs, floor space is at a premium and moving up, not out, is definitely preferred. Luckily, facility designers, contractors, and architects need look no further than the V-Lift™ from Wildeck – the industry leader in space optimization.

Wildeck's next-generation hydraulic VRC (vertical reciprocating conveyor) incorporates industry-leading technology and design including a robust hydraulic ram with large 2-½" diameter dual pistons that deliver a smoother and more positive lifting motion. Quality Wildeck construction and simplicity are clearly evident in the V-Lift™ and the single cylinder hydraulic system eliminates all moving hoses, cables, and chains. Fewer components means easy installation, reduced maintenance and longer service life.

A Wildeck® V-Lift™ VRC provides:

- **VALUE**
  (High-end features. Low price)
- **VERSATILITY**
  (Fixed or freestanding "C," "Z" or 90 degree loading/unloading)
- **VIGOR**
  (Heavy-duty construction)

Contact a Wildeck® sales professional at 1-800-325-6939 to determine how a V-Lift™ or other Wildeck VRC design can help move your material safely, efficiently, and at lower cost.

Shown with optional freestanding brace and ramp.

GENERAL SPECIFICATIONS

DESIGNED & MANUFACTURED to meet ANSI/ASME B20.1 "Safety Standard for Conveyors." Lift is for material transfer only. RIDERS ARE NOT PERMITTED.

LIFTING CAPACITY: Up to 3,000 lbs.

LIFTING SPEED: Standard travel speed is 17 fpm.

CARRIAGE: Standard dimension is 6 ft. x 6 ft. Cantilever design that is equipped with 42" high safety rails on non-operating sides and safety chains on the operating end(s).

CARRIAGE OPTIONS:
- Galvanized diamond-plate side guards.
- Diagonal load bars on operating end(s).
- Swing gate with latch and status switch.
- Extended height side guard.
- Roof panels.

LOADING PATTERNS: "C," "Z," and 90 degrees.

TOP LIFTING HEIGHT: 14'

LEVELS: Access lower level and (1) stop above ground.

CLEAR HEIGHT REQUIREMENT:
7 ft. (84") Clearance above upper level for VRC travel up to 10 ft.
9 ft. (108") Clearance for travel heights between 10 ft. and 14 ft.

LIFT STRUCTURE:
- Guide columns are 6" wide-flange structural steel.
- Optional freestanding structural framing available.

HYDRAULIC LIFTING SYSTEM:
A robust single cylinder hydraulic system with dual 2 ½" pistons safely lifts and lowers the carriage. Innovative cylinder design prevents twisting during operation and eliminates moving hoses, cables, chains, and bearings. Pressure compensated control valve regulates the flow of hydraulic fluid and ensures a smooth, steady, and safe lowering speed.

SAFETY FEATURES: Mechanical stops ensure positive leveling with the upper deck. Redundant overload protection prevents carriage from lifting if loaded to more than 120% of rated capacity. Descent safety is controlled via velocity fuses. Safety signage must be clearly displayed including: "NO RIDERS."

SAFETY GUARDING: The ANSI/ASME B20.1 code requires safety gates and 8 ft. high guarding on all accessible sides of the lift. V-Lift™ gates have electrical and mechanical interlocks and can only be opened during VRC loading or unloading. Interlocks prevent the VRC from moving unless the gates are fully closed and they cannot be opened if the carriage is not at the designated level.

ELECTRICAL: 208/230/460 VAC, 3-phase (Single-phase option available). Control voltage is 24 VAC. Remote mounted NEMA 12 control panel and hydraulic pump motor are pre-wired prior to shipment. Optional "quick-connect" wiring for VRC push-buttons and gate interlocks is available.

CALL STATIONS: The main control panel is rated NEMA 12. NEMA 4 call/send stations included for each level have self-maintaining push-buttons and a mushroom-head E-Stop.

COLOR: Standard color is Wildeck Gray. Optional colors available. Purchased components are painted per vendor standards. Prior to painting, Wildeck fabricated materials are prepared using a 100% phosphate-free paint pre-treatment process incorporating a non-toxic biodegradable alkaline powder that virtually eliminates the introduction of VOCs into the atmosphere.

DRAWINGS & MANUALS: Application-specific drawings provided for approval after receipt of Purchase Order and prior to manufacture. Owner's Manual includes installation, operation, and maintenance instructions.

SHIPMENT: Consult factory for shipment options. V-Lift™ sub-assemblies typically ship on a flat-bed truck for side off-loading at site.

APPLICATIONS:

- **Distribution Centers**
- **Manufacturing or Assembly Plants**
- **Pharmaceutical Operations**
- **Automotive Dealers**
- **Airports**
- **Chemical Plants**
- **Self-Storage Facilities**
- **Retail & Mercantile**
- **Schools & Universities**
- **Buildings of Worship**
- **Government & Military**
- **Postal & Parcel Delivery**
- **Hotels & Resorts**
- **Theaters & Entertainment**
- **Printing Operations**
- **Country Clubs**
- **Restaurants & Bars**
- **Wineries & Breweries**

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