



**ELEVATE  
YOUR  
STANDARDS®**



**RiderLift™**  
WILDECK

Save steps with a rider-enabled material lift from Wildeck

The affordable RiderLift™ Material Lift from Wildeck has been specifically designed to allow authorized personnel to safely travel with their material at a fraction of the cost of an elevator installation. No more climbing stairs or relying on someone else to off-load material when your lift reaches its destination. You're in total control with a RiderLift™ rideable material lift.

- ▶ Increase material handling efficiency
- ▶ Save time by having workers ride with material
- ▶ Improve safety and reduce lost time accidents
- ▶ Enhance utilization of facility capacity

Wildeck's hydraulically-operated RiderLift™ Material Lift allows better utilization of the capacity gained from mezzanine platforms, rack systems, and pick modules. The lift's cantilever design has heavy-duty welded structural components for industrial applications and is available in both "C" or "Z" loading patterns. The RiderLift™ Material Lift also includes numerous safety features and complies with the ASME A17.1 / CSA B44 "Safety Code for Elevators and Escalators" and is a Type B Material Lift.

LIFTING

RIDEABLE MATERIAL LIFT (RML)

# GENERAL SPECIFICATIONS

## SPECIFICATIONS - Model RML-2500:

**DESIGNED & MANUFACTURED IN THE USA** to meet or exceed ASME - A17.1 & CSA B44 "Safety Code for Elevators and Escalators"

**LIFTING CAPACITY:** 2,500 lbs. (Class C3 for heavy load concentrations)

**LIFT STRUCTURE:** Guide columns are 6" wide-flange structural steel

**CAR SIZE:** 6.0 ft. W x 6.0 ft. L x 80" H (standard)

**CAR CONSTRUCTION:** Structural frame with 14-gauge sheet metal panels removable for maintenance

**LIFTING SPEED:** 20 fpm (feet per minute)

**TOP LIFTING HEIGHT:** 14.0 ft. (Ground plus one level)

**PERIMETER GUARDING:** Full lift height expanded metal guarding in a steel frame

**LANDING GATES:** 96" H bi-panel swing gates are constructed of expanded metal in a steel frame

▶ Landing gates include certified interlocks

**INSTALLATION:** By an authorized Elevator Contractor only. Permits required.

**RESTRICTIONS:** A Type B Material Lift is not a public elevator and is subject to specific code restrictions.

▶ The lift must not be accessible to the general public

▶ Usage is restricted to authorized personnel only

▶ Only one operator is permitted to ride on the lift at any time

**LOCATION:** Installation at floor edge or through one "non-fire-rated" floor only

▶ Fire-rated floor penetration not permitted

▶ Pit mounted or floor surface mounted with ramp

## CONTROLS:

**CONTROL PANEL:** NEMA 12 - UL Listed® Cabinet

**OPERATOR CONTROL STATIONS:** NEMA 12 panels with Up/Down push buttons, plus E-Stop and audible alarm at landings and inside car.

**CONTROL OPERATION:** Constant pressure push buttons per code

**PIT MOUNTED E-STOP:** When required.

**MAINTENANCE CONTROL:** Hoisting mast-mounted maintenance stand (shoring device) with E-Stop

**CAR LIGHTING:** Bright LED car lighting operates automatically when lift is in use

**SAFETY GRAB RAIL:** Wall-mounted car Grab Rail included

**LEVELING:** Anti-creep operation (leveling) is standard at the upper level

**BACK-UP POWER:** For safe car lowering and emergency lighting should facility power fail

**HYDRAULIC SYSTEM:** Robust dual-cylinder hydraulic system with dual 2-1/2" pistons to safely raise and lower the car.

▶ Pressure compensated control valve regulates the flow of hydraulic fluid for smooth operation

▶ "Low Oil Level" and "High Oil Temp" detection

**SECURITY:** Keyed "enabled" switch inside the car to ensure use only by authorized personnel. Disables hall/landing stations when in use.

## ELECTRICAL:

**MAIN POWER:** 208/230/460 VAC, 60 Hz., 3-Phase (single-phase option available). Consult factory for other power requirements.

**CONTROL VOLTAGE:** 24 VDC

**HYDRAULIC CONTROL:** Remote mounted NEMA 12 control panel and hydraulic power unit are pre-wired prior to shipment (security cage provided).

## COLOR:

**STANDARD PAINT COLOR:** Wildeck Gray.

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 RiderLift™ material lift drawings are provided for approval after receipt of Purchase Order and prior to equipment manufacturing.

Owner's Manual includes installation, operation, and maintenance instructions for use by an authorized Elevator Contractor.



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