

# For Heavy or Bulky Loads

CIP's FP Series Lift is designed for moving large or heavy material between two or more levels.

## Perfect For

- Distribution
- Warehousing
- Balconies
- Military
- Manufacturing
- Through Floor
- Retail Stores
- Freight
- Mezzanines
- Automotive Parts
- Medical Facilities
- Printing

Top mounted drive system allows for a smaller footprint than other styles of lifts.



The all-mechanical design reduces noise and maintenance while providing a chemically clean workplace.

## Standard Features

- Load Capacity: up to 10,000 lbs\*
- Platform Size: up to 12'W x 12'L\*
- Travel Height: up to 30'
- Operating Levels: up to 4-Stops
- Operating Speed: 20-30 fpm
- Power: 230V/3P or 460V/3P
- Illuminated Controls at Each Level
- Fail-Safe Brake Motor
- All-Mechanical, Quad Cable Lifting System
- Cable Safety Brakes
- Slack Cable Switches
- Electromechanical Interlocks
- Soft-Start / Soft-Stop Operation (Variable Frequency Drive)

## Many Options Available

**\*Larger Platform Sizes and Capacities Available Upon Request**

Contact us for more information and a free quote for your application



# FP SERIES Vertical Material Lift



Shown with optional security enclosures.

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# ▶ FP Series Material Lift

Specifications subject to change without notification!

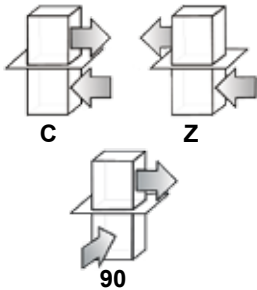
## Surface Mount:

The loading height is 6" or 8" from the floor on the ground level and flush with the floor on upper levels.

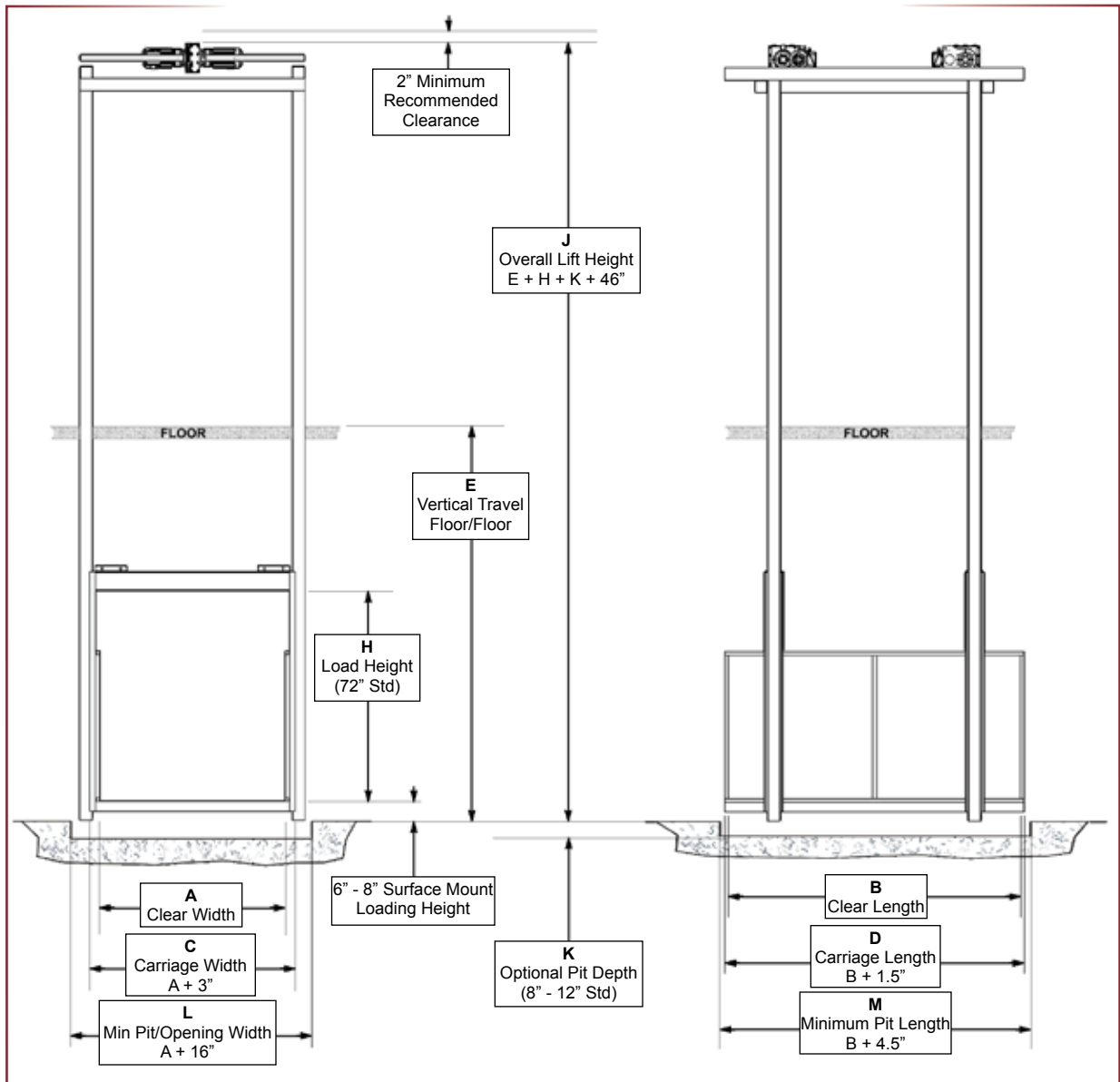
## Pit Mount:

Loading height is flush with the floor on all levels (standard pit is 8"-12").

## Load / Unload Configurations



Note: Dimensions shown are for reference purpose only and may differ from your lift. Before making any building modifications, contact CIP to request a job-specific drawing. Some limitations may apply.



## STRUCTURE

Guide rails are constructed from structural steel H-Beam. Carriage uses steel channel for vertical members and header. Carriage deck (platform) is built from solid steel plate on a square steel tube frame.

## OPERATION

Illuminated push-button stations at each level allow full call/send capabilities and inform the operator of carriage position and notify of doors open. E-Stop buttons are included in every call station.

## CARRIAGE

Carriage is usually built as one piece for added strength unless platform size is 8'W or 8'D and larger. Platform panels are provided on

non-operating sides of the carriage and snap chains on operating sides for safety.

## ELECTRICAL

Control voltage is 24V for all switches and momentary push button stations. Push button stations are NEMA 12.

## MECHANICAL DRIVE

The carriage is moved by using two electric fail-safe brake motors and reducers. Quad cables and drums provide extra safety and durability. This drive system requires very little maintenance.

## SAFETY SYSTEMS

Fail-safe electric brakes lock the carriage in place in the event of a power failure. Slack

cable switches shut off the motor if the cable becomes slack. Broken cable brakes prevent the carriage from falling in the improbable event of a cable failure. Limit switches provide accurate leveling at each level. "NO RIDER" signs are posted on the carriage and provided at each entry point.

## SECURITY ENCLOSURES (OPTIONAL)

Panel and gate frames are constructed from steel angle covered by 1/2" expanded metal. These enclosures provide a means of protecting personnel from entering the path of a moving lift. Double swing interlocked gates prevent access to the carriage while in motion and when not present at that level.

Note: To comply with ANSI/ASME B20.1 standard, proper guarding on all accessible sides must in place during operation. This is usually achieved by building a sheetrock/drywall shaft or using CIP optional enclosures. They are not subject to elevator codes as they are designed for material lifting only. No personnel are permitted to ride on any vertical lift. The following items are to be supplied by others and are not included with the vertical lift: (1) wall and floor hardware to secure the lift to the walls and floors, (2) external electrical wiring which is to be performed by a qualified electrician to local and national codes, (3) the conduit and disconnect switch that is required to connect our control panel and (4) upper and lower thresholds.