

# Easy Installation & Flexibility

CIP's PM Series Modular Lift is designed for moving material between two or more levels.

## Perfect For

- Mezzanines
- Automotive Parts
- Balconies
- Tire Stores
- Through Floor
- Retail Stores
- Distribution
- Baggage
- Record Storage
- Warehousing

Modular style allows for easy installation in 1/4 the time of other lifts.

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 4,000 lbs
- Platform Size: up to 6'W x 6'L
- Operating Levels: up to 3-Stops
- Travel Height: up to 21'
- Operating Speed: 20-25 fpm
- Power\*: 230V/3P or 460V/3P
- Illuminated Controls at Each Level
- Fail-Safe Brake Motor
- All-Mechanical, Dual Cable Lifting System
- Cable Safety Brakes
- Slack Cable Switches
- Full Enclosures on all Sides
- Double Swing Gate at Each Level

## Many Options Available

\*220-240V/1P option available on some configurations.

## OTHER MODELS AVAILABLE!

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



# PM SERIES Vertical Material Lift



Shown with optional approach ramp.

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# ▶ PM Series Material Lift

Specifications subject to change without notification!

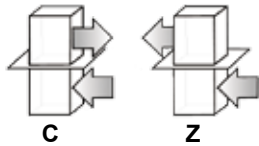
## Surface Mount:

The platform deck is 4" from the floor on the ground level and flush with the floor on upper level.

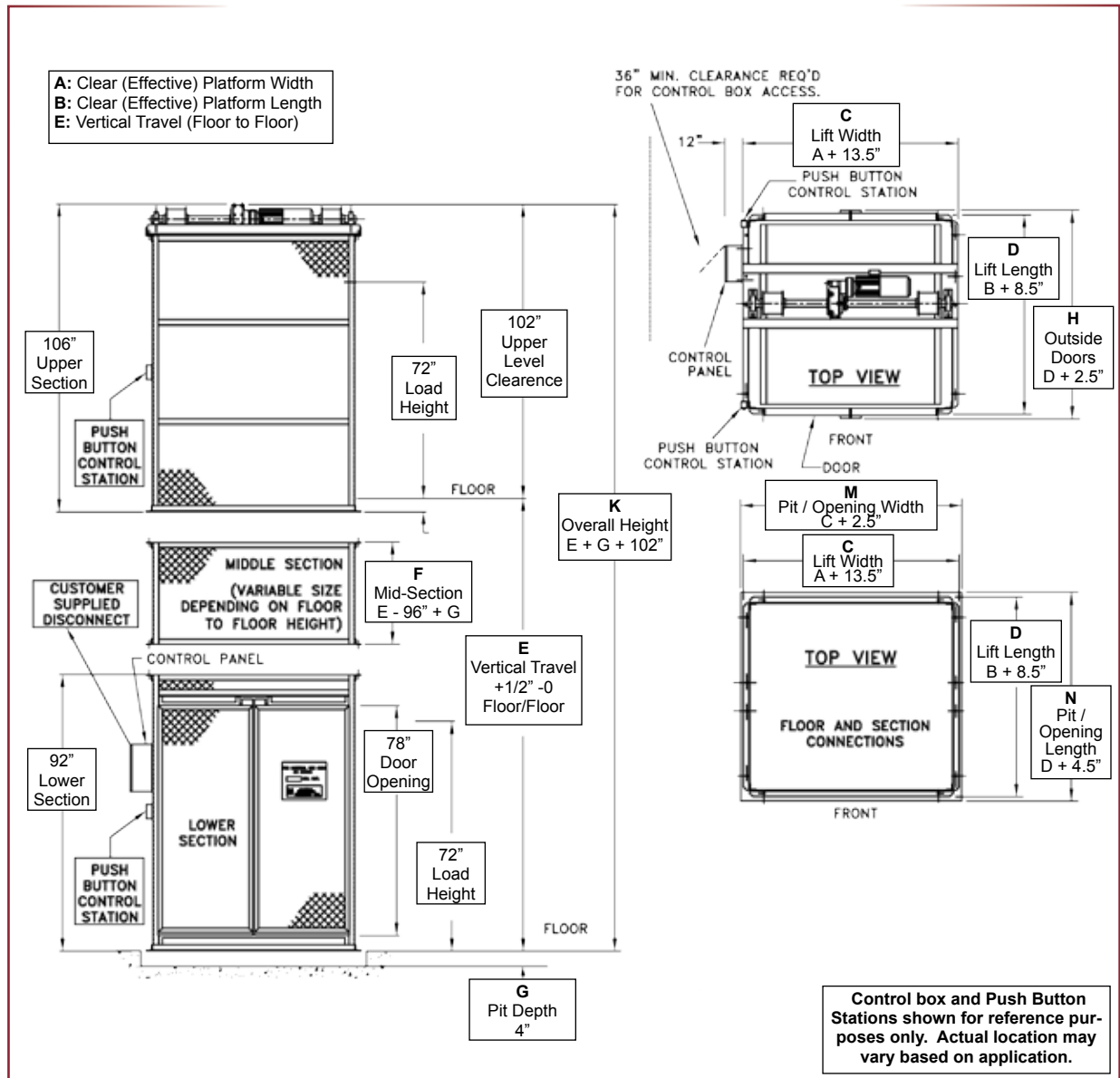
## Pit Mount:

Platform deck is flush with the floor on all levels (standard pit is 4"H).

## Load / Unload Configurations



Note: Dimensions and calculations 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 angle. Carriage uses steel channel for vertical members and header. Carriage deck (platform) is built from solid steel plate on a square steel tube frame. All sides covered with 1/2" expanded metal for a fully enclosed lift.

## OPERATION

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

## CARRIAGE

Carriage is built as one piece for added strength. 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.

## SAFETY SYSTEMS

Fail-safe electric brake locks the carriage in place in the event of a power failure. Slack cable switches shut off the motor if the cables

become slack. Broken cable brakes prevent the carriage from falling in the unlikely event of a cable failure. Limit switches provide accurate leveling at each level. "NO RIDER" signs are on carriage and at each entry point. Double swing interlocked gates prevent access to the carriage while in motion and when not present at that level.

## MECHANICAL DRIVE

The carriage is moved by using an electric fail-safe brake motor and reducer. Dual cables and drums provide extra safety and durability. This drive system requires very little maintenance. Electric brake motor prevents carriage drift.

Note: To comply with ANSI/ASME B20.1 standard, proper guarding on all accessible sides must be in place during operation. Material Lifts 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 level thresholds.