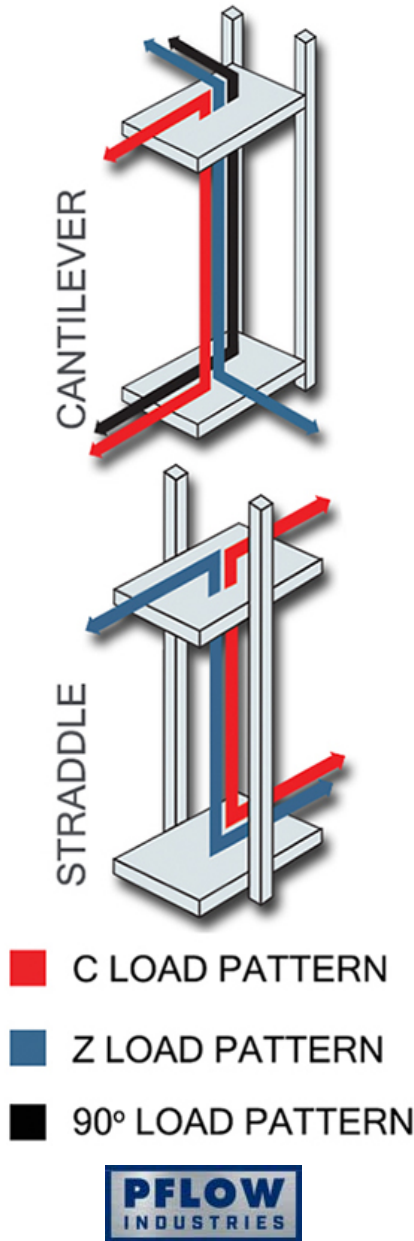




# What Type Of VRC Do You Need?

## Questions to Qualify Your Lift Application

Every **Vertical Reciprocating Conveyor** installation is different, but answers to these simple questions can better determine what type of lift you will need to transport your materials.



### 1. HOW HIGH

- What is the total vertical rise?
- What is the distance from floor to floor?
- What is the clearance above the upper level?

### 2. HOW OFTEN

- Times per hour that the VRC will carry the load?
- Automatic infeed and discharge or manual?

### 3. HOW HEAVY

- How much is the total load weight?

### 4. HOW BIG

- Dimensions of largest and smallest loads lifted?
- Does the load overhang the pallet?
- Multiple loads moved on the carriage at one time?

### 5. HOW NOW

- How are you presently moving the load?
- Do you have an existing VRC?
- Do you use a forklift truck?
- Is there a potential safety hazard?

### 6. LOADING PATTERN (*see image*)

- C Load – Inline?
- Z Load – Pass-through?
- 90° Load – Left/Right?

### 7. GATES & ENCLOSURES

- Will the lift be in a shaft way?
- Will the lift penetrate a floor level?
- Will the lift service the shaft-way?
- Will the lift service the edge of a mezzanine?

### 8. FLOOR OPENING / SHAFT-WAY

- If the lift is going through a floor or existing man-shaft-way, what are the dimensions of the opening?

## Application Guidelines

These guidelines provide information on how the vertical conveyor industry can achieve, for its users, a safe application, and proper utilization.

The document was developed by the Vertical Conveyor Sub-Committee (VCC) of the Conveyor Product Section (CPS), a group of Vertical Conveyor manufacturers comprising a substantial portion of the companies designing and manufacturing VRC's in the United States.

Included are vertical reciprocating conveyor terms & definitions, applications, types and configurations, considerations regarding specification, installation, operation and much more.