



**TOTAL**  
WAREHOUSE

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**PDC25**

## Power Drive Counterbalanced Trucks

THIS SERIES REPRESENTS THE WALKIE LIFT TRUCK VERSION OF THE SIT-DOWN RIDER LIFT TRUCK. IDEAL CHOICE WHEN HANDLING OR STAGING A VARIETY OF LOAD SIZES.

### CAPACITY

2500 lbs. 24" load center

### BATTERY

Compartment : 31.4" x 11.1" x open  
A-15, SB-175 gray connector

### PERFORMANCE

24-volt transistor travel controller

### TRAVEL

From 0 mph to 3.0 mph empty  
From 0 mph to 2.8 mph loaded

### LIFT

Up to 42 fpm empty  
Up to 22 fpm loaded

### LOWERING

Up to 28 fpm empty  
Up to 56 fpm loaded

### DUAL TILT CYLINDERS

3° forward 9° back

### CLASS II ITA FORKS

36", 42" or 48" x 4" x 1.5" thick

### TIRES

#### DRIVE WHEEL

10.5" x 5" crowned polyurethane

#### LOAD WHEELS

5" x 5" polyurethane

### CONTROL HANDLE "All Steel"

Designed to allow smooth operation with either hand. Protective wraparound hand guard, rubber hand grips, horn, "Belly Button" reversing switch, thumb and twist grip travel control are all standard.

### HYDRAULICS

The dashboard mounted lift and lower lever allow uncomplicated and precise load placement. Infinitely variable ball-type lowering valve provides a full range of lowering speeds for optimum control. Premium design lift cylinder provides smooth lifting and lowering. Pressure compensating flow control valve at base of lift cylinder regulates lowering speeds.



### ELECTRICAL

All cables and wires are color coded and or numbered for easy service and tracing. Control circuits are fuse-protected, and use plug-in type connector.

Curtis® travel controller provides infinitely variable travel speeds with efficient use of battery power.

Hydraulic lift pump motor is specially designed for peak electrical efficiency at specific torque and rpm levels.

### DRIVE SYSTEM and BRAKES

Compact, open frame 24V DC drive motor provides ample torque and RPM at low current and temperature levels.

Direct drive full oil bath transmission, operates through a 25:1 transmission ratio to multiple the braking force for safe stopping performance.

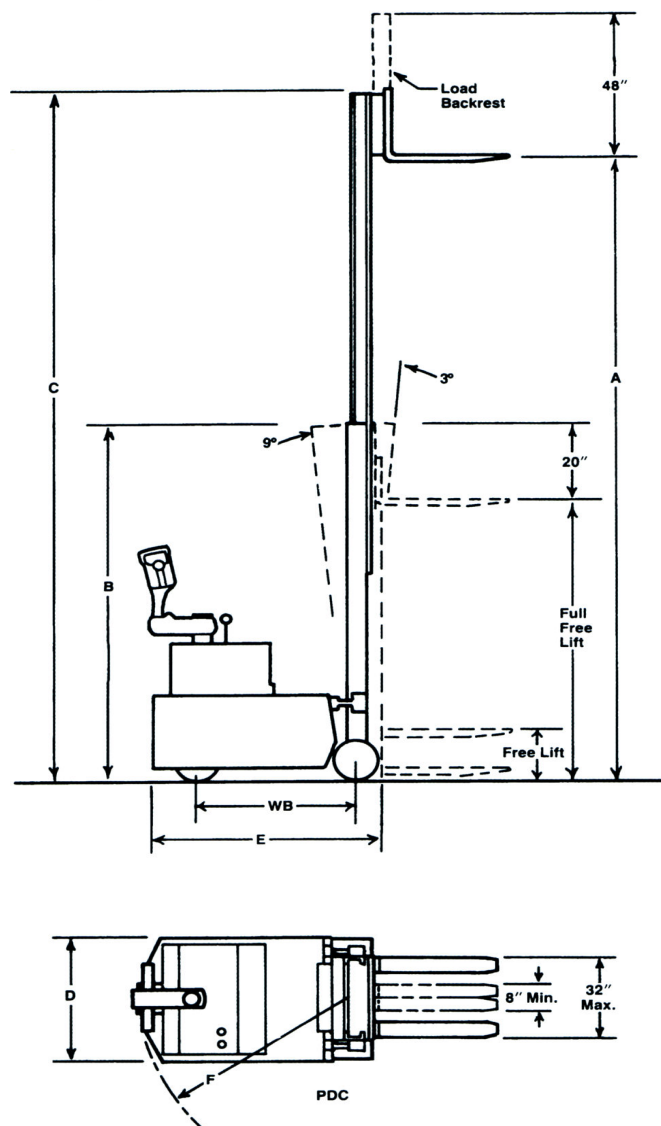
The drive motor, transmission, brake and drive wheel are coupled to the control arm via pivot tube that provides the operator direct control of all drive functions.

### ACCESSIBILITY

Removal of one piece power head cover exposes major components for inspection and maintenance.

### OPTIONAL EQUIPMENT

- Hour meter
- Battery discharge indicator (BDI)
- Key switch
- Lift lock out
- Remote lift/lower buttons in handle
- Remote lift and lower control box
- 36", 42" or 48" wide fork carriage
- Cold conditioning
- Side shifting fork carriage



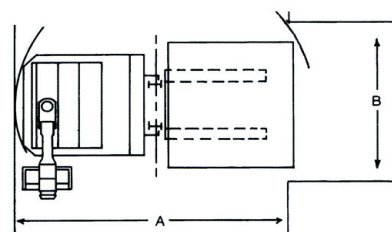
### Right Angle Stacking Requirements

#### Aisle Dimensions

A = Aisle B = Bay

| Model Number | Truck Length | Load Size |      |           |      |           |      |
|--------------|--------------|-----------|------|-----------|------|-----------|------|
|              |              | 36" x 36" |      | 42" x 42" |      | 48" x 48" |      |
|              |              | B         | A    | B         | A    | B         | A    |
| PDC-25       | 61"          | 42"       | 98"  | 48"       | 104" | 54"       | 110" |
| PDC-30       | 67"          | 42"       | 104" | 48"       | 110" | 54"       | 116" |
| PDC-40       | 73"          | 42"       | 110" | 48"       | 116" | 54"       | 122" |

- Aisle dimensions listed have zero clearance
- Add 12" for ease of use



### Load Capacity Chart

154" Maximum Lift Height



| Model #             | Capacity at 24" Load Center | Lift Height | Col Height | <sup>2</sup> Ext Height | <sup>2</sup> Free Lift Height | Overall Width | Power Head Length | Turn Radius | CL LOAD WHEEL TO CL DRIVE WHEEL WB | Battery 24V       | Charger 24V     | <sup>3</sup> Ship Weight |
|---------------------|-----------------------------|-------------|------------|-------------------------|-------------------------------|---------------|-------------------|-------------|------------------------------------|-------------------|-----------------|--------------------------|
|                     |                             | A           | B          | C                       |                               | D             | E                 | F           |                                    |                   |                 |                          |
| PDC 25 Series       |                             |             |            |                         |                               |               |                   |             |                                    |                   |                 |                          |
| PDC 25-60 Non-Tel   | 2500                        | 60          | 77         | 80                      | 57                            | 36            | 61.4              | 53.8        | 43.3                               | 340 AH (721 lbs.) | 40 Amp (60 lbs) | 3870                     |
| PDC 25-106          | 2500                        | 106         | 71         | 123                     | 12                            | 36            | 61.4              | 53.8        | 43.3                               |                   |                 | 4315                     |
| PDC 25-130          | 2500                        | 130         | 83         | 147                     | 12                            | 36            | 61.4              | 53.8        | 43.3                               |                   |                 | 4420                     |
| PDC 25-154          | 2500                        | 154         | 95         | 171                     | 12                            | 36            | 61.4              | 53.8        | 43.3                               |                   |                 | 4600                     |
| PDC 25-168          | 2500                        | 168         | 102        | 185                     | 12                            | 36            | 61.4              | 53.8        | 43.3                               |                   |                 | 4675                     |
| PDC 25-158 TriMast™ | 2500                        | 158         | 71.75      | 178                     | 51                            | 36            | 61.5              | 53.8        | 43.3                               |                   |                 | 4760                     |
| PDC 25-194 TriMast™ | 2500                        | 194         | 83.75      | 214                     | 63                            | 36            | 61.5              | 53.8        | 43.3                               |                   |                 | 4890                     |

<sup>2</sup> Add 31" for 48" tall load backrest

<sup>3</sup> Estimated shipping weight without battery

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