



# CB30/35

Counterbalanced Walkie Stackers with power steering



## CAPACITY

3,000 lbs. & 3,500 lbs. at 24" load center

## BATTERY

Compartment: 33" x 9.06/13.25" x 24"  
SB 175 Red—A-15 Connector

Minimum battery weight 340 lbs.

## SPEED

24-volt ZAPI Travel controller

## TRAVEL

Variable from 0 mph to 3.2 mph empty  
Variable from 0 mph to 3.0 mph loaded

## TILT

2.7° Forward, 7.5° Back

## LIFT

Up to 36 fpm empty  
Up to 26 fpm loaded

## LOWERING

Up to 32 fpm empty  
Up to 36 fpm loaded

## TIRES / WHEELS

### DRIVE

10.2" x 4.1" smooth polyurethane

### LOAD

10" x 3.9" polyurethane

## HYDRAULICS

Lift cylinder is hard chrome. Self contained hydraulic power unit. Pressure compensated lowering valves regulates lowering speeds.

## ELECTRICAL

Infinitely variable travel controller and AC drive motor provides high torque throughout the entire drive range. Regenerative braking and brushless AC motor design drastically reduces maintenance.

Travel speed remains constant relative to throttle position regardless of the load on truck. EPD emergency power disconnect shuts off all power to the system when activated and can be reset with a simple twist. A key switch is provided to limit access to approved personnel.

## BRAKES

Electromagnetic brake is mounted on the motor armature shaft multiplying the braking power through the transmission.

Brake is applied when control arm is in the vertical or horizontal handle position. Travel speed is reduced when forks are above basic carry height for transport. Position hold resists roll back on ramps.

## CONTROLS

Travel, lift, lower and tilt functions are located in the ergonomic operator handle designed to allow operation with either hand. Lift and lower controls are fully proportional. Wrap around hand guard, reversing switch, dual butterfly thumb controls, and horn are standard.

## TRANSMISSION

Vertically mounted drive motor is direct mounted to gear housing. Oil bathed bevel gear drive-train transfers power to axle. State of the art optimized gear technology supplies advantages such as zero maintenance, low noise level, high efficiency and high performance.

## FRAME AND MAST

Compact heavy duty design with cast counterweight and high ground clearance. Bolt-on high visibility I-beam construction, lift cylinders are positioned inline with outer I-beam. Dual lifting chains. Class two ITA fork carriage with 36" tall load back rest.

## ACCESSIBILITY

Removal of power head cover exposes major hydraulic and electrical components for inspection and maintenance.

## STANDARD EQUIPMENT

- Power Steering
- Proportional Lift & Lower
- Hour Meter BDI Combo Gauge
- Key Switch
- 36" Tall Load Backrest
- 42" forks

## OPTIONAL EQUIPMENT

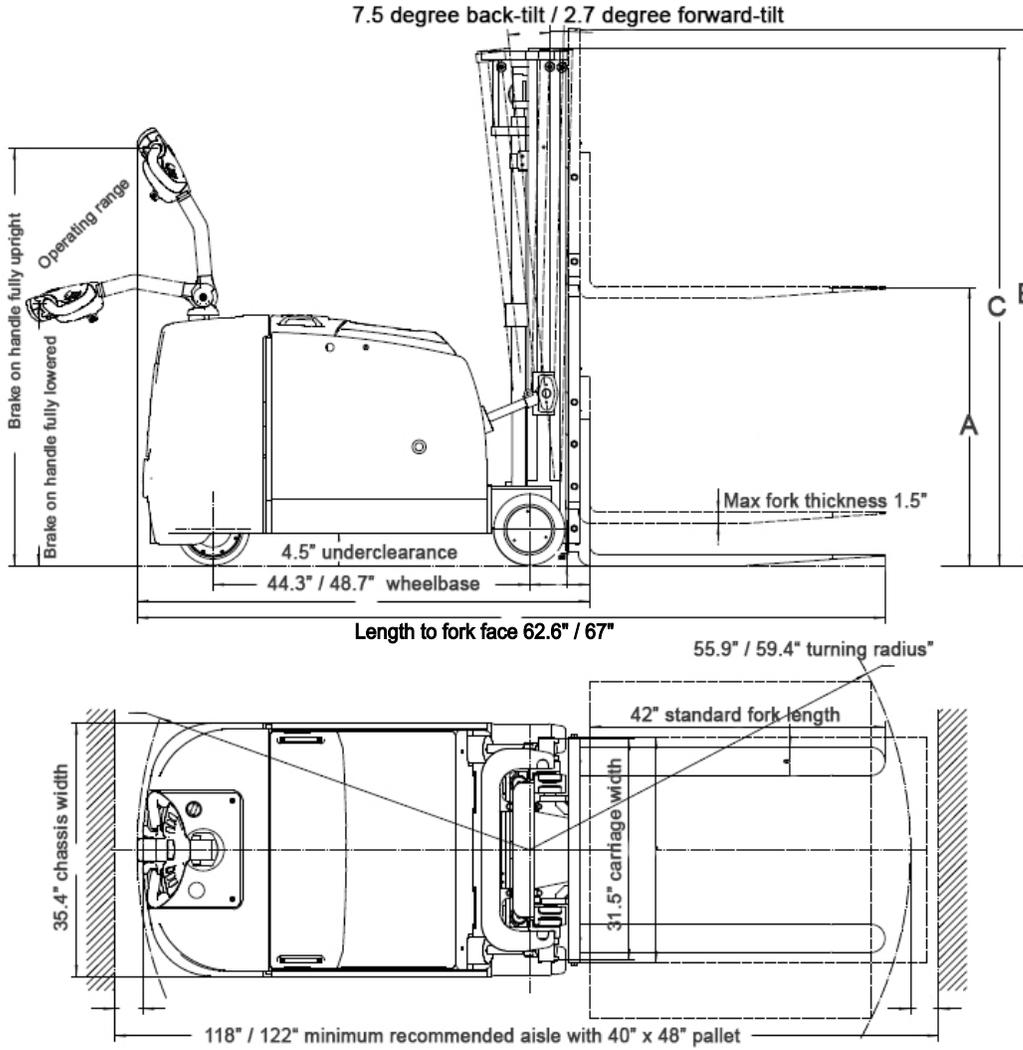
- Sideshifter
- Wide carriage, Additional fork sizes
- 224ah AGM battery pack
- 205ah lithium battery pack
- Industrial lead acid battery & charger



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3,000 & 3,500 lbs. Capacity  
Counterbalanced Walkie Stackers

## DIMENSIONS

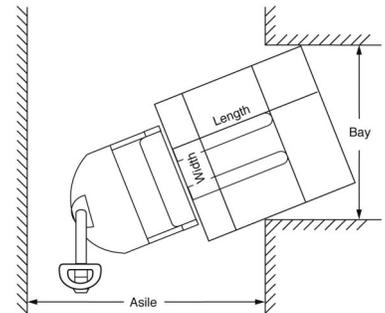


### Aisle Guide

CB30 - Right Angle Stacking

| Load Width | Load Length |      |      |
|------------|-------------|------|------|
|            | 36"         | 40"  | 48"  |
| 36"        | 106"        | 109" | 117" |
| 40"        | 107"        | 110" | 118" |
| 48"        | 109"        | 112" | 119" |

For ease of use add 6 to 12" to aisle dimension listed add 4" to values for CB35 model



Aisle dimensions listed above assume 4" between loads. Use the larger dimension; load width or load length. For ease of use and add 6" to 12" for operator clearance to the appropriate specifications listed above. Truck performance may vary due to application requirements' and changes in model design.

| Model # | Mast | Lift Height | Col Height | Free Lift | Ext Height w/LBR | Gradability |          | <sup>3</sup> Weight Chassis Only |
|---------|------|-------------|------------|-----------|------------------|-------------|----------|----------------------------------|
|         |      | A           | C          | D         | E                | Loaded      | Unloaded |                                  |

#### 3000lbs. Capacity @ 24" Load Center ITA Class II Fork Carriage

|            |              |     |       |     |       |    |    |      |
|------------|--------------|-----|-------|-----|-------|----|----|------|
| CB 30-104  | Two Stage    | 104 | 72.4  | 5.9 | 140   | 5% | 8% | 4532 |
| CB 30-126  | Two Stage    | 126 | 83.4  | 5.9 | 162   | 5% | 8% | 4598 |
| CB 30-157* | Triple Stage | 157 | 71.75 | 52  | 193.5 | 5% | 8% | 4895 |

\*Derate 200 lbs. above 126", additional derate with sideshift option

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

#### 3500lbs. Capacity @ 24" Load Center ITA Class II Fork Carriage

|            |              |     |       |     |       |    |    |      |
|------------|--------------|-----|-------|-----|-------|----|----|------|
| CB 35-104  | Two Stage    | 104 | 72.4  | 5.9 | 140   | 5% | 8% | 4620 |
| CB 35-126  | Two Stage    | 126 | 83.4  | 5.9 | 162   | 5% | 8% | 4686 |
| CB 35-157* | Triple Stage | 157 | 71.75 | 52  | 193.5 | 5% | 8% | 4983 |

\*Derate 200 lbs. above 126", additional derate with sideshift option

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



Big Lift LLC  
www.bigjoeforklifts.com  
630-916-2600

Certification  
All units are built to be in compliance with the Occupational Safety & Health Act (OSHA)  
Big Lift LLC will not assume liability for injuries or damage arising from, or caused by, the removal of any safety devices from their vehicles by user. Because of the Big Lift LLC continuing product improvements, specifications are subject to change without notice.

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