

# Electric Pallet Truck



Model:  
**CBD20KD-I**

◀ One set side way battery

AC

The super light Walkie type with small turning radius and low profile chassis, widely used in narrow space like supermarket and workshop.



Model:  
**CBD20KD-II**

◀ Swing-out battery

AC



Conforms to EN ISO3691-1:2012  
EN1175-1:1998/A1:2010  
EN16307-1:2013  
Based on Directive 2006/42/EC



Model:  
**CBD18KD**

AC



Drive System



Multi function indicator and hour meter



Swing-out battery tray (CBD20KD-II)

Electric Pallet Truck

Electric Stackler

Narrow Aisle Truck

Electric Tow Tractor

Hand Pallet Truck

Manual Stackler

Lift Table

# Electric Pallet Truck



1KG=2.205LB 1INCH=25.40MM

Model		CBD18KD	CBD20KD-I	CBD20KD-II
battery type		1 set side way battery	1 set side way battery	swing-out battery
<b>Load capacity/rated load</b>	<b>Q(kg/lbs)</b>	<b>1800/4000</b>	<b>2000/4400</b>	<b>2000/4400</b>
Load centre distance	c(mm/inch)	600/23.6	600/23.6	600/23.6
Load distance,centre of drive axle to fork	x(mm/inch)	856/33.7	815/865/935(32/34/36.8)	935/36.8
Fork height, lowered	h <sub>1</sub> (mm/inch)	84/3.3	82/3.2	82/3.2
Tyre size,front	mm/inch	φ 250x70/ φ 10x2.8	φ 250x70/ φ 10x2.8	φ 250x70/ φ 10x2.8
Tyre size rear	mm/inch	φ 80x70/ φ 3.2x2.8	φ 82x126(98)/ φ 3.2x5(3.85)	φ 82x126(98)/ φ 3.2x5(3.85)
Additional wheels(dimensions)	mm/inch	φ 114x60/ φ 5x2.2	φ 127x57/ φ 5x2.2	φ 127x57/ φ 5x2.2
Wheels,number front rear(x=driven wheels)		1X+2/4	1X+2/2(4)	1X+2/2(4)
Max. Lift height	h <sub>2</sub> (mm/inch)	204/8.03	202/8	202/8
Height of tiller in drive position min./max.	h <sub>3</sub> (mm/inch)	780/1230(30.7/48.4)	780/1230(30.7/48.4)	780/1230(30.7/48.4)
Overall length	l <sub>1</sub> (mm/inch)	1651/65	1655/1705/1775(65.2/67.1/69.1)	1805/71
Length to face of forks	l <sub>2</sub> (mm/inch)	500/19.7	555/21.9	555/21.9
Overall width	b <sub>1</sub> (mm/inch)	682/26.8	775/30.5	775/30.5
Fork dimensions	s/e/l(mm/inch)	54x150x1150(2.1x5.9x45)	54x180x1100/1150/1220(2.1x7x43/45/48)	54x180x1220(2.1x7x48)
Width overall forks	b <sub>2</sub> (mm/inch)	550/22	520/550/650/685(20.5/22/26/27)	550/685(22/27)
Aisle width for pallets 1000x1200 crossways	A <sub>1</sub> (mm/inch)	1863/73.3	2015/2065/2135(79/81/84)	2165/85
Aisle width for pallets 800x1200 lengthways	A <sub>2</sub> (mm/inch)	1913/75.3	2115/2115/2135(83/83/84)	2165/85
Turning radius	W <sub>1</sub> (mm/inch)	1367/53.8	1400/1450/1520(55/57/60)	1550/61
Travel speed,laden/unladen	Km/h	5.5/5.6	5.5/5.6	5.5/5.6
Battery voltage,nominal capacity K5	V/Ah	24/160	24/210	24/200
Battery weight	Kg/lbs	160/353	196/431	128/281
Battery box dimensions	mm	645x148x560	750x170x534	(245x190x252)x4
Service weight(with battery)	Kg/lbs	520/1146	620/1367	620/1367

## Advantages:

### SAFETY AND PRODUCTIVITY:

- Advanced AC control system eliminates the motor brushes and directional contactors, which makes the minimal maintenance requirements. Intelligent regenerative brake system: increase overall truck performance by decreasing battery charge intervals.
- Side-way battery with roll-out system is very convenient to replace batteries.
- Emergency reversing device.
- Built-in pressure relief valve protects the trucks from overloads.
- Long handle tube supports flexible and laborsaving operation.
- Emergency power disconnect.
- Low speed switch in the handle.
- Stepless speed control.

### STRUCTURAL:

- Water-proof and dust proof vertical driving wheel offers small turning radius.
- The riser axle located at the highest point of forks, protects riser axles from constant contact by uneven floors. Pull rod design against bending .
- Spring-loaded castors improve lateral stability on uneven floors and enhance truck performance and service life.
- Formed heavy gauge steel for maximum strength forks.

### SERVICEABILITY:

- Low battery protection setting prolongs the battery life.
- CANbus technology reduces wiring complexity.
- All pivot points have grease fitting and serviceable bushing, reducing component-wearing.

