

Counterbalanced Electric Stacker



Model:
CPD05W
CPD10W
CPD15W-II



Advantages:

- Long handle structure makes it steering light and flexible
- Upper horizontal driving wheel ensures easy installation and maintenance
- Tilting system keeps loading and stacking more easier
- Meter with BDI, prolonging the battery's using time.
- With emergency stop switch and electricity lock button.



Standard handle



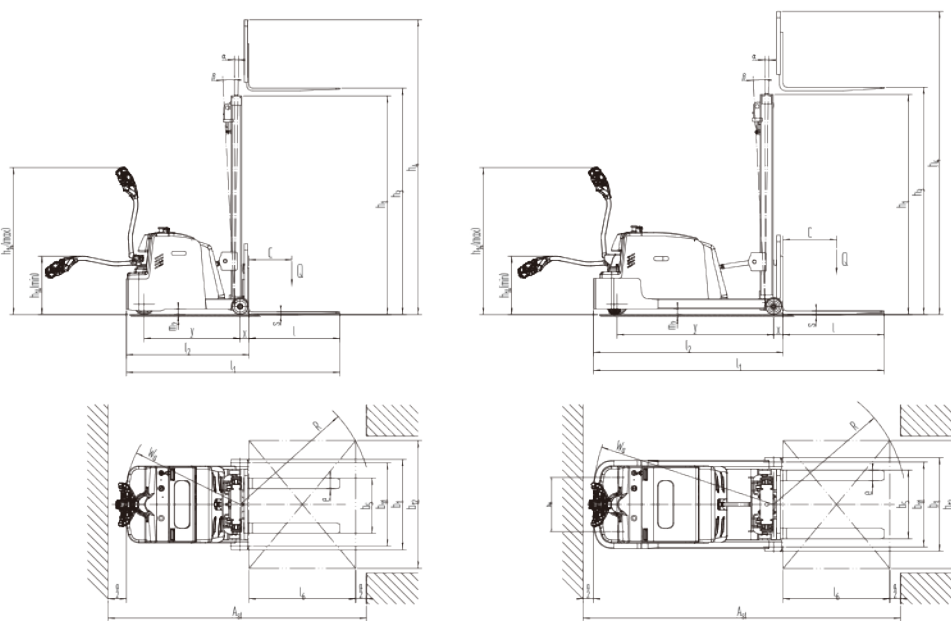
Perfect mast design gives wide-enough view



Perfect for loading and unloading shipping containers or trucks since there are no stabilization legs to get in the way.

General Information	1.2	Manufacturer's type designation		CPD05W	CPD10W	CPD15W- II
	1.3	Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas		Electric	Electric	Electric
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Pedestrian	Pedestrian	Pedestrian
	1.5	Rated capacity/rated load	Q (kg)	550	1000	1500
	1.6	Load centre distance	c (mm)	400	400	500
	1.8	Load distance, centre of drive axle to fork	x (mm)	90	90	90
	1.9	Wheelbase	y (mm)	900	1150	1470
Weight	2.1	Service weight	kg	875	1180	1530
	2.2	Axle loading, laden front/rear	kg	250/1175	324/1856	380/2650
	2.3	Axle loading, unladen front/rear	kg	495/380	750/430	970/560
Tyres/Chassis	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		Polyurethane	Polyurethane	Polyurethane
	3.2	Tyre size, front		Φ195×70	Φ195×70	Φ195×70
	3.3	Tyre size, rear		Φ150×64	Φ150×64	Φ150×73
	3.4	Additional wheels (dimensions)				Φ114×60
	3.5	Wheels, number front/rear (× = driven wheels)		1x/2	1x/2	1x+2/2
	3.6	Tread, front	b10 (mm)	782	782	796
	3.7	Tread, rear	b11 (mm)	0	0	508
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	a/b (°)	1/3	1/3	1/3
	4.2	Height, mast lowered	h1 (mm)	2087/1552/1802/2052	2087/1552/1802/2052	2065/1565/1815/2065
	4.4	Lift	h3 (mm)	1600/2000/2500/3000	1600/2000/2500/3000	1600/2000/2500/3000
	4.5	Height, mast extended	h4 (mm)	2240/2640/3140/3640	2240/2640/3140/3640	2310/2710/3210/3710
	4.9	Height drawbar in driving position min./max.	h14 (mm)	670/1300	670/1300	670/1300
	4.19	Overall length	l1 (mm)	2002	2356	2729
	4.20	Length to face of forks	l2 (mm)	1152	1406	1779
	4.21	Overall width	b1/b2 (mm)	846	846	878
	4.22	Fork dimensions DIN ISO 2331	s / e / l (mm)	32/100/850	32/100/950	35/100/950
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	55	55	55
	4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	2610	2770	3100
	4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast (mm)	2750	2880	3250
	4.35	Turning radius	Wa (mm)	1170	1334	1700
	Performance Data	5.1	Travel speed, laden/unladen	km/h	4.1/4.5	3.8/4.2
5.2		Lift speed, laden/unladen	m/s	0.17/0.25	0.11/0.15	0.08/0.12
5.3		Lowering speed, laden/unladen	m/s	0.14/0.14	0.08/0.09	0.12/0.10
5.8		Max.Gradeability, laden/unladen	%	6/10	6/10	5/10
5.10		Service brake		Electromagnetic	Electromagnetic	Electromagnetic
Motors	6.1	Drive motor rating S2 60 min	kW	0.65(DC)	0.65(DC)	0.75(AC)
	6.2	Lift motor rating at S3 15%	kW	2.2(DC)	2.2(DC)	2.2(DC)
	6.4	Battery voltage/nominal capacity K20	(V)/(Ah) or kWh	24/105	24/105	24/125
	6.5	Battery weight	kg	60.8	60.8	60.8
Additional Data	10.7	Sound pressure level at the driver's seat	dB (A)	65	65	65

* Option: CPD05W: Lithium battery 24V/60AH (Charger 24V/25A)
CPD10W: Lithium battery 24V/100AH (Charger 24V/25A)
CPD15W-II: Lithium battery 24V/150AH (Charger 24V/50A)



CPD05W/10W

CPD15W-II

