

Counterbalanced Electric Stacker



Model:
CPD15R
CPD20R

AC
EPS
option



Advantages:

STRUCTURAL

- Two lifting cylinders placed on outer sides of the mast.
- Germany imported special steel mast.
- Vertical driving wheel, driving efficiency, easy installation & maintenance.
- Compact structure and low gravity.

SAFETY AND EFFICIENCY

- AC frequency conversion traction motor: compact structure, good performance, regenerative braking and easy maintenance.
- Tilting system forks easy for loading and stacking.
- High Storage battery ensures strong and long-lasting power.
- Meter with BDI, prolonging the battery's using time.
- The braking system combines magnetic brake and regenerative break, greatly prolongs the using life of friction plate.
- With emergency stop switch and electricity lock button, and multi-valve controlling levers, ergonomic for operation .
- The adjustable regulator valve can adjust the lowering speed of the masts.

EASY MAINTENANCE

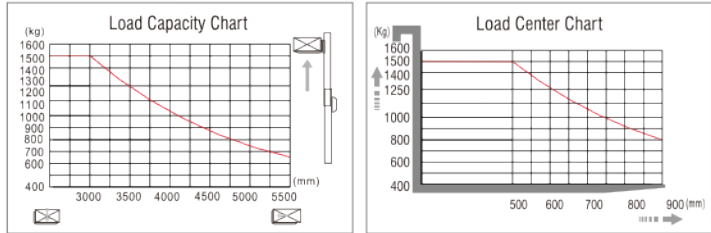
- Magnet suction battery cover, easy for installation and maintenance.
- AC controlling system, low noise, less maintenance.

1KG=2.205LB 1INCH=25.40MM

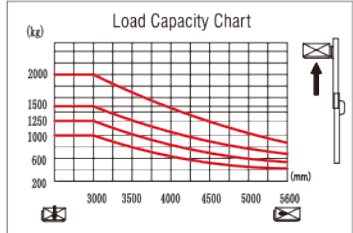
	1.2 Manufacturer's type designation	CPD15R	CPD15R(EPS)	CPD20R
General Information	1.3 Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas	Electric	Electric	Electric
	1.4 Operator type: hand, pedestrian, standing, seated, order-picker	Standing	Standing	Standing
	1.5 Rated capacity/rated load	1500	1500	2000
	1.6 Load centre distance	c (mm)	500	500
	1.8 Load distance, centre of drive axle to fork	x (mm)	130	130
Weight	1.9 Wheelbase	y (mm)	1330	1539
	2.2 Axle loading, laden front/rear	kg	420/3110	490/3810
	2.3 Axle loading, unladen front/rear	kg	1170/860	1620/680
Tyres/Chassis	3.1 Tyres: solid rubber, superelastic, pneumatic, polyurethane	Polyurethane	Polyurethane	Polyurethane
	3.2 Tyre size, front	Φ250×70	Φ280×100	Φ250×80
	3.3 Tyre size, rear	Φ200×100	Φ200×100	Φ210×115
	3.4 Additional wheels (dimensions)	Φ150×60	-	-
	3.5 Wheels, number front/rear (x = driven wheels)	1x+2/2	1x+2	1X/2
	3.6 Tread, front	b10 (mm)	890	945
	3.7 Tread, rear	b11 (mm)	612	-
Dimensions	4.1 Tilt of mast/fork carriage forward/backward	a/b (°)	3/6	3/6
	4.2 Height, mast lowered	h1 (mm)	1735/1985/2235/1895/2085/2235/2435	1735/1985/2235/1895/2085/2235/2435
	4.3 Free lift	h2 (mm)	0/0/0/1400/1500/1670/1870	0/0/0/1400/1500/1670/1870
	4.4 Max. lift height	h3 (mm)	2500/3000/3500/4000/4500/5000/5600	3000/3500/4000/4500/5000/5600
	4.5 Height, mast extended	h4 (mm)	3500/4000/4500/5000/5500/6000/6600	4000/4500/5000/5500/6000/6600
	4.9 Height drawbar in driving position min./max.		1160/1460	1160/1460
	4.19 Overall length	l1 (mm)	2660	2984
	4.20 Length to face of forks	l2 (mm)	1700	1914
	4.21 Overall width	b1/b2 (mm)	990	1060
	4.22 Fork dimensions DIN ISO 2331	s / e / l (mm)	35/100/950(1070)	40/100/1070
	4.34.1 Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	2990	3250
	4.34.2 Aisle width for pallets 800 × 1200 lengthways	Ast (mm)	3120	3350
	4.35 Turning radius	Wa (mm)	1600	1808
Performance Data	5.1 Travel speed, laden/unladen	km/h	6.8/7.0	6.8/7.0
	5.2 Lift speed, laden/unladen	m/s	0-0.12/0-0.19	0-0.12/0-0.19
	5.3 Lowering speed, laden/unladen	m/s	0-0.45	0-0.45
	5.8 Max.Gradeability, laden/unladen	%	6/10	8/15
	5.10 Service brake		Electromagnetic	Electromagnetic
Motors	6.1 Drive motor rating S2 60 min	kW	1.2(AC)	1.5(AC)
	6.2 Lift motor rating at S3 15%	kW	4.5(DC)	4.5(DC)
	6.4 Battery voltage/nominal capacity K5	(V)/(Ah) or kWh	24/280	24/280
	6.5 Battery weight	kg	280-320	250-330
Additional Data	10.7 Sound pressure level at the driver's seat	dB (A)	65	65

*Option: With EPS the drive wheel size is 280x100mm.

Li-ion Lithium battery 230AH (Charger 24V/100A)



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