



**3 Wheel Electric Forklift**  
**CPD12/15**  
Capacity 1200/1500kg

**Industry Platform,  
United Chinese Manufacturers**

1. Light weight, compact design, 1.2m turning radius for enter elevator and very narrow working condition.
2. Germany ABM AC drive motor and AC steering motor, low noise, high efficiency, maintainance free, more smooth and precise control.
3. Germany ABM transmission, high efficiency, reliable quality.
4. Rear wheel motor drive design, battery located at bottom of chassis, high stability.
5. LCD dashboard, fault diagnosis, hours, current etc display, convenient operation and easy maintenance.
6. Solid rubber tyre, wear resistance, slip resistance, oxidation resistance.

# Technical Data

Characteristics	1.1		<b>Model</b>		<b>CPD12</b>	<b>CPD15</b>	<b>CPD15</b>	
	1.2	Q	Capacity	kg	1200	1500	1500	
	1.3		Mast type		Duplex	Duplex	Triplex	
	1.4		Capacity with sideshifter	kg	1000	1500	1500	
	1.5	c	Load center	mm	500	500	500	
	1.6		Motor type		AC	AC	AC	
Specifications	2.1	h3	Lifting height	mm	3000	3000	4300	
	2.2	h2	Free lift	mm	0	0	1205	
	2.3	α/β	Fork tilting degree (forward/backward)	deg	1°/5°	1°/5°	1°/5°	
	2.4	l/w/t	Fork size	mm	35×100×950	40×100×1070	40×100×1070	
	2.5	B3/B4	Outside width between forks	mm	840/215	680/215	840/215	
	2.6	L1	Overall length	mm	2372	2665	2800	
	2.7	L2	Rear body height	mm	1452	1675	1705	
	2.8	B	Overall width	mm	880	1020	1020/880	
	2.9	h1	Mast lower height	mm	2035	2050	2010	
	2.1	h4	Mast extend height	mm	3815	3800	5105	
	2.11	h5	Over head backrest height	mm	1983	1999	1999	
	2.12	F	Over hang	mm	251	261	275	
	2.13	R	Min. turning radius	mm	1184	1453	1453	
	2.14		Min. aisle width	mm	1600	1800	1900	
	2.15	Ast	aisle width for pallets 1000x1000	mm	2670	3013	3250	
	Performance	3.1	Traveling speed (laden/unladen)	forward	km/h	7/8	9/10	9/10
		3.2		backward	km/h	6/6	6/6	6/6
3.3		Lifting speed	laden/unladen	mm/s	150/170	135/190	135/190	
3.4		Lowering speed	laden/unladen	mm/s	160/200	125/190	125/190	
3.5		Max. tow torque (S2 5min)	laden/unladen	N	2800/2700	2800/2700	2800/2700	
3.6		Gradeability (S2 5min)	laden/unladen	%	6/10	8/15	8/15	
Weight	4.1		Service weight with battery	kg	2253	2580	2780	
	4.2	Axle capacity (front/rear)	laden	kg	2899/554	3580/580	3756/524	
	4.3		unladen	kg	1006/1247	994/1586	1197/1583	
Wheel	5.1		Wheels quantity front/rear (X=driving wheel)		2/1×	2/1×	2/1×	
	5.2	Wheels type	front		Solid rubber	Solid rubber	Solid rubber	
	5.3		rear		PU	PU	PU	
	5.4	L3	Axle base	mm	972~1035	1218-1285	1218-1285	
	5.5	Wheel base	front	mm	736	910	910	
	5.6		rear	mm	0	0	0	
	5.7	m1	Ground clearance	min.	mm	25	30	30
	5.8	m2		Center of axle	mm	65	75	75
Driving system	6.1		Battery voltage/capacity	V/Ah	24/480	24/540	24/540	
	6.2		Battery weight	kg	446	446	446	
	6.3		Traveling motor	kw	AC 2.5	AC 2.5	AC 2.5	
	6.4		Lifting motor	kw	DC 3	AC 4.5	AC 4.5	
	6.5		Steering motor	kw	AC 0.67	AC 0.67	AC 0.67	
	6.6		Charger		External	External	External	
	6.7		Traveling brake		Hydraulic	Hydraulic	Hydraulic	
	6.8		Brake type		Mechanical	Mechanical	Mechanical	

# Option

**CPD12 (Duplex)**

lifting height (mm)	Mast lower height (mm)	Mast extend height (mm)
2500	1785	3315
2700	1885	3515
3000	2035	3815
3300	2185	4115
3600	2335	4415
4000	2535	4815
4300	2735	5115
4500	2835	5315

**CPD12 (Duplex & Free lift)**

lifting height (mm)	Free lift (mm)	Mast lower height (mm)	Mast extend height (mm)
2500	1000	1815	3310
2700	1100	1915	3510
3000	1250	2065	3810
3300	1400	2215	4110
3600	1550	2365	4410
4000	1750	2565	4810
4300	1900	2765	5110
4500	2000	2865	5310

**CPD15 (Duplex)**

lifting height (mm)	Mast lower height (mm)	Mast extend height (mm)
2000	1550	2800
2300	1700	3100
2500	1800	3300
2700	1900	3500
3000	2050	3800
3300	2200	4100
3500	2300	4300
3700	2400	4500
4000	2600	4800

**CPD15 (Triplex & Free lift)**

lifting height (mm)	Free lift (mm)	Mast lower height (mm)	Mast extend height (mm)
3500	905	1710	4305
3700	1005	1810	4505
4000	1105	1910	4805
4300	1205	2010	5105
4500	1255	2060	5305
5000	1405	2210	5805
5300	1505	2310	6105
5500	1605	2410	6305
6000	1805	2610	6805



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Because we are continually improving its products, specifications are subject to change without notice.