



# CPD15LE

## Electric Forklift 1.5T

- Lithium battery technology
- Extremely small turning radius
- Large operation room with better ergonomics
- Nice design of steering column

**EP EQUIPMENT CO.,LTD**  
[www.ep-ep.com](http://www.ep-ep.com)

## FEATURE

### ■ Lithium battery technology

Lithium battery system can help you get rid of battery maintenance nightmares. It enables opportunity charging and can be charged several times during work hours to maintain productivity for a full 8-hour shift.



### ■ Extremely small turning radius

With its compact size and small turning radius of 1.5m, CPD15LE is great when performing lifting tasks to reach into tight spaces and odd angles.



### ■ Large operation room with better ergonomics

Due to the compact size of Li-ion battery, the truck dimensions are optimized to offer a big legroom and better ergonomics.



### ■ Nice design of steering column

The nice design of steering column offers better aesthetic appearance for the truck.

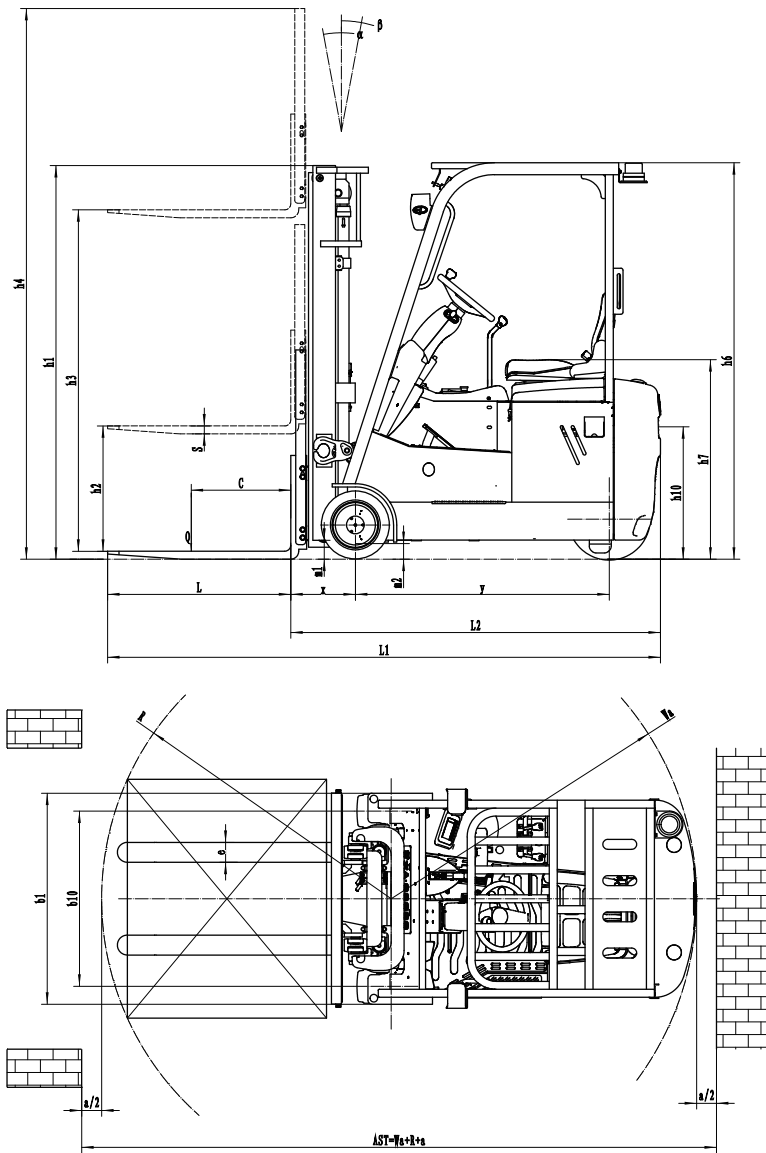


# Electric Forklift 1.5T

## CPD15LE

Distinguishing mark				
1.1	Manufacturer			EP
1.2	Model designation			CPD15LE
1.3	Drive unit			Electrics
1.4	Operator type			seated
1.5	rated capacity	Q	t	1.5
1.6	Load center distance	c	mm	500
1.8	Load distance, centre of drive axle to fork	x	mm	325
1.9	Wheelbase	y	mm	1275
Weight				
2.1	Service weight (include battery)		kg	2600
2.2	Axle loading, laden front wheels /drive steering wheels		kg	3540/560
2.3	Axle loading, unladen front wheels / drive steering wheels		kg	1050/1550
Types,Chassis				
3.1	Tyre type, front wheels /drive steering wheels			solid rubber
3.2	Tyre size, front wheels (diameter×width)		mm	343×170
3.3	Tyre size, drive steering wheels (diameter×width)		mm	16×6-8(420×154)
3.5	Wheels, number front/drive steering(x=drive steering wheels)		mm	2/1x
3.6	Tread, front wheels	b10	mm	890
3.7	Tread, drive steering wheels	b11	mm	—
Dimensions				
4.1	Tilt of mast/fork carriage forward/backward	$\alpha/ \beta$ (°)		6/ 6
4.2	Height, mast lowered	h1	mm	1980
4.3	Free lift (load backrest)	h2	mm	100
4.4	Lift height	h3	mm	3000
4.5	Height, mast extended	h4	mm	4054
4.7	Height of overhead guard (cabin)	h6	mm	1995
4.8	Seat height	h7	mm	985
4.12	Tow center of pin height	h10	mm	660
4.19	Overall length	l1	mm	2780
4.20	Length to face of forks	l2	mm	1860
4.21	Overall width	b1/ b2	mm	1090
4.22	Fork dimensions	s/ e/ l	mm	40×100×920
4.23	Fork carriage class/type A, B			2A
4.24	Fork carriage width	b3	mm	1040
4.31	Ground clearance, laden, below mast	m1	mm	90
4.32	The minimum ground clearance of frame	m2	mm	78
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	3190
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	3310
4.35	Turning radius	Wa	mm	1535
Performance data				
5.1	Travel speed, laden/ unladen		km/ h	6.0/8.0
5.2	Lifting speed, laden/ unladen		m/ s	0.2/ 0.3
5.3	Lowering speed, laden/ unladen		m/ s	0.44/ 0.425
5.5	Drawbar pull, laden/unladen		N	—
5.6	Max. drawbar pull, laden/unladen (time)		N	5.0/7.0
5.7	Gradeability, laden/unladen		%	6/8.0
5.8	Max. gradeability, laden/unladen		%	—
5.9	Service brake type			Hydraulic / Mechanical
5.10	park brake type			Hydraulic / Mechanical
Electric-engine				
6.1	Drive motor rating S2 60 min		kW	6.5
6.2	Lift motor rating at S3 15%		kW	5.5
6.3	The maximum allowed size battery		mm	—
6.4	Battery voltage/nominal capacity K5		V/Ah	48V/150Ah
6.5	Battery weight		kg	—
Addition data				
8.1	Type of drive unit			AC
10.5	Steering type			Hydraulic steering
10.7	Sound pressure level at the driver's ear		dB (A)	≤70

If there are improvements of technical parameters or configurations, no further notice will be given.  
The diagram shown may contain non-standard configurations.

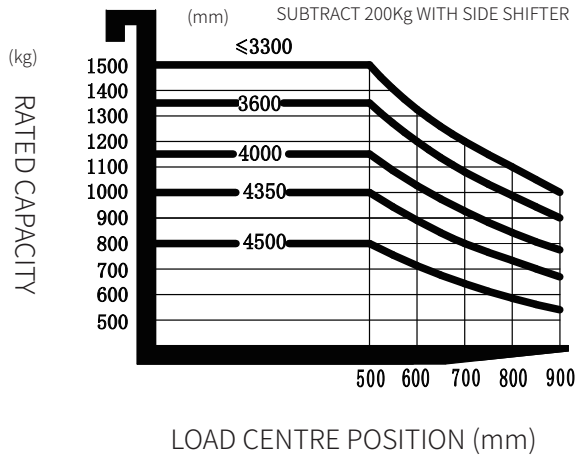


## Mast Option:

Tpye	Model	Max. fork height h3	Overall height				Free lift		Front Overhang X	Tilt range		Capacity	
			Lowered h1	Extended		Without backrest	With backrest h2	FWD α		BWD β	Load capacity at 500 mm		
				Without backrest	With backrest h4						1.5t	Single tire	
													mm
Duplex ZT	2W250	2500	1730	3046	3554	100	100	325	6	6	1500		
	2W270	2700	1830	3246	3754	100	100	325	6	6	1500		
	2W300	3000	1980	3546	4054	100	100	325	6	6	1500		
	2W330	3300	2130	3846	4354	100	100	325	6	6	1500		
	2W350	3500	2230	4046	4554	100	100	325	6	6	1350		
	2W360	3600	2280	4146	4654	100	100	325	6	6	1350		
Duplex ZZ	2F300	3000	2010	3546	4054	1494	986	325	6	6	1500		
	2F330	3300	2160	3846	4354	1644	1136	325	6	6	1500		
	2F350	3500	2260	4046	4554	1744	1236	325	6	6	1350		
	2F360	3600	2310	4146	4654	1794	1286	325	6	6	1350		
Triplex DZ	3F400	4000	1830	4546	5054	1314	806	325	3	5	1150		
	3F435	4350	1980	4896	5404	1464	956	325	3	5	1000		
	3F450	4500	2030	5046	5554	1514	1006	325	3	5	800		

Note: With sidershifter minus 200Kg, with integral sidershifter minus 100Kg.

## RATED CAPACITIES AND LOAD CENTERES GRAPH



## Option:

Optional items		CPD15LE
1	Fork length	○
2	Folding fork	○
3	Battery capacity	○
4	Import battery	—
5	Solid rubber tire	●
6	Environmental solid tire	—
7	cold storage	—
8	Lateral change battery	—
9	Weighting system with fork	○
10	Overhead guard	○
11	Mast options	○
12	Attachments	○
13	Side shift	○
14	Proportional valve	—
17	Front light	●
28	Back light	○
22	Warning light	●
18	Fire extinguisher	○
19	Water auto-filling system	—
20	Seat	○
21	Seat switch	○
23	With fan heater	—
25	With front windshield wiper	—
26	With rear windshield wiper	—
16	Cockpit	—
24	Double front wheel	—
27	Rearview	○
29	OPS system	○
30	Backrest width	○
31	Side to pull the car	—
32	Air fan	○
33	Charging voltage (220V)	○
35	Drive-in Rack	○

Note: ● standard ○ option — NA