



# CPD45\50F8

4.5/5.0T Electric Counterbalance Forklift Truck

- Large load with lithium battery.
- High strength, high reliability.
- Stable performance, super bearing capacity.
- Accord with ergonomics, comfortable operation.

## Product parameters

Distinguishing mark				
1.1	Manufacturer			EP EP
1.2	Model designation			CPD45F8 CPD50F8
1.3	Drive unit			Electrics Electrics
1.4	Operator type			seated seated
1.5	rated capacity	Q	t	4.5 5
1.6	Load center distance	c	mm	500 500
1.8	Load distance, centre of drive axle to fork	x	mm	548 548
1.9	Wheelbase	y	mm	2000 2000
Weight				
2.1	Service weight (include battery)		kg	6965 7348
2.2	Axle loading, laden driving wheels /steering wheels		kg	10228/1237 11015/1333
2.3	Axle loading, unladen driving wheels /steering wheels		kg	3397/3568 3493/3855
Types,Chassis				
3.1	Tyre type,driving wheels /steering wheels			solid rubber/Pneumatic solid rubber/Pneumatic
3.2	Tyre size, driving wheels (diameter×width)		mm	250-15 28x12.5-15
3.3	Tyre size, steering wheels (diameter×width)		mm	23X10-12 23X10-12
3.5	Wheels, number driving/steering (x=drive wheels)		mm	2X/2 2X/2
3.6	Tread, Driving wheels	b <sub>10</sub>	mm	1112 1262
3.7	Tread, Steering wheels	b <sub>11</sub>	mm	1085 1085
Dimensions				
4.1	Tilt of mast/fork carriage forward/backward	α/ β (°)		6/10 6/10
4.2	Height, mast lowered	h <sub>1</sub>	mm	2235 2235
4.3	Free lift (load backrest)	h <sub>2</sub>	mm	100 100
4.4	Lift height	h <sub>3</sub>	mm	3000 3000
4.5	Height, mast extended	h <sub>4</sub>	mm	4120 4120
4.7	Height of overhead guard (cabin)	h <sub>6</sub>	mm	2260 2260
4.8	Seat height	h <sub>7</sub>	mm	1208 1208
4.12	Tow center of pin height	h <sub>10</sub>	mm	375 375
4.19	Overall length	l <sub>1</sub>	mm	4027 4127
4.20	Length to face of forks	l <sub>2</sub>	mm	2958 3058
4.21	Overall width	b <sub>1</sub> / b <sub>2</sub>	mm	1479 1600
4.22	Fork dimensions	s/ e/ l	mm	50X150X1070 55X150X1070
4.23	Fork carriage class/type A, B			3A 3A
4.24	Fork carriage width	b <sub>3</sub>	mm	1350 1560
4.31	Ground clearance, laden, below mast	m <sub>1</sub>	mm	130 130
4.32	The minimum ground clearance of frame	m <sub>2</sub>	mm	140 140
4.34.1	Aisle width for pallets 1000 × 1200 crossways	A <sub>st</sub>	mm	4424 4450
4.34.2	Aisle width for pallets 800 × 1200 lengthways	A <sub>st</sub>	mm	4624 4650
4.35	Turning radius	W <sub>a</sub>	mm	2735.5 2735.5
Performance data				
5.1	Travel speed, laden/ unladen		km/ h	14/14.5 14/14.5
5.2	Lifting speed, laden/ unladen		m/ s	0.26/0.45 0.26/0.45
5.3	Lowering speed, laden/ unladen		m/ s	0.55/ 0.5 0.55/ 0.5
5.5	Drawbar pull, laden/unladen		N	— —
5.6	Max. drawbar pull, laden/unladen (time)		N	26000 26000
5.7	Gradeability, laden/unladen		%	— —
5.8	Max. gradeability, laden/unladen		%	14/15 14/15
5.10	Service brake type			hydraulic/Mechanical hydraulic/Mechanical
	park brake type			Mechanical Mechanical
Electric-engine				
6.1	Drive motor rating S2 60 min		kW	16.6 16.6
6.2	Lift motor rating at S3 15%		kW	25.4 25.4
6.3	The maximum allowed size battery		mm	— —
6.4	Battery voltage/nominal capacity K5			80/540 80/540
6.5	Battery weight		kg	530 530
Addition data				
8.1	Type of drive unit			AC AC
10.5	Steering type			— —
10.7	Sound pressure level at the driver's ear		dB (A)	70 70

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