

4 WHEEL ELECTRIC FORKLIFT



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				
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	b10	mm	1112	1262
3.7	Tread, Steering wheels	b11	mm	1085	1085
Dimensions					
4.1	Tilt of mast/fork carriage forward/backward	α/ β (°)		6/10	6/10
4.2	Height, mast lowered	h1	mm	2235	2235
4.3	Free lift (load backrest)	h2	mm	100	100
4.4	Lift height	h3	mm	3000	3000
4.5	Height, mast extended	h4	mm	4120	4120
4.7	Height of overhead guard (cabin)	h6	mm	2260	2260
4.8	Seat height	h7	mm	1208	1208
4.12	Tow center of pin height	h10	mm	375	375
4.19	Overall length	l1	mm	4027	4127
4.20	Length to face of forks	l2	mm	2958	3058
4.21	Overall width	b1/ b2	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	b3	mm	1350	1560
4.31	Ground clearance, laden, below mast	m1	mm	130	130
4.32	The minimum ground clearance of frame	m2	mm	140	140
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	4424	4450
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	4624	4650
4.35	Turning radius	Wa	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.