

4-wheel Li-ion Counterbalance forklift 5000kg

CPD50L1

Distinguishing mark	1.1	Manufacturer			EP
	1.2	Model designation			CPD50L1
	1.3	Drive			Electric
	1.4	Operator type			Seated
	1.5	Load capacity	Q	kg	5000
	1.6	Load center distance	c	mm	500
	1.8	Load distance, centre of drive axle to fork	x	mm	548
	1.9	Wheelbase	y	mm	2000
	2.1	Service weight		kg	7000
Service weight	2.2	Axle loading, laden front/rear		kg	10840/1160
	2.3	Axle loading, unladen front/rear		kg	3220/3780
	3.1	Tyre type			Solidrubber
Tyres/chassis	3.2	Tyre size, front			28x12.5-15
	3.3	Tyre size, rear			23X10-12
	3.5	Wheels, number front/rear (x=drive wheels)		mm	2x/2
	3.6	Tread width, front	b ₁₀	mm	1262
	3.7	Tread width, rear	b ₁₁	mm	1085
	4.1	Tilt of mast/fork carriage forward/backward	α/β	°	6/ 10
Dimensions	4.2	Retracted mast height	h ₁	mm	2230
	4.3	Free lift	h ₂	mm	150
	4.4	Lift height	h ₃	mm	3000
	4.5	Height, mast extended	h ₄	mm	4175
	4.7	Height of overhead guard (cabin)	h ₆	mm	2250
	4.8	Seat height/standing height	h ₇	mm	1208
	4.12	Tow coupling height	h ₁₀	mm	555
	4.19	Overall length	l ₁	mm	3970
	4.20	Length to face of forks	l ₂	mm	2900
	4.21	Overall width	b ₁ /b ₂	mm	1550
	4.22	Fork dimensions	s×e×l	mm	55X150X1070
	4.23	A,B Fork carriage class/type A, B			3A
	4.24	Fork carriage width	b ₃	mm	1250
	4.31	Ground clearance, laden, below mast	m ₁	mm	130
	4.32	Ground clearance, center of wheelbase	m ₂	mm	150
	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	4440
	4.34.2	Aisle width for pallets 800×1200 lengthways	Ast	mm	4640
	4.35	Turning radius	Wa	mm	2675
Performance data	5.1	Travel speed, laden/unladen		km/h	16/18
	5.2	Lifting speed, laden/unladen		m/s	0.3/0.46
	5.3	Lowering speed, laden/unladen		m/s	0.45/ 0.51
	5.6	Max. drawbar pull, laden/unladen		N	26000
	5.8	Max. gradeability, laden/unladen		%	15/20
	5.10	Service brake			Hydraulic/Mechanical
	5.11	Parking brake			Mechanical
Electric-engine	6.1	Drive motor rating S2 60 min		kW	18
	6.2	Lift motor rating at S3 15%		kW	25.4
	6.4	Battery voltage/nominal capacity		V/Ah	80/560
	6.5	Battery weight		kg	396
Addition data	8.1	Type of drive control			AC
	10.5	Steering design			—
	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.