



Let's grow together



CPD18L2

1.8T Electric Counterbalance Forklift Truck



Li Integrated Smart Truck

- Customized three-wheel Lithium electric forklift.
- Wider operating space.
- Better operating vision.
- Stronger working performance.

Product parameters

Distinguishing mark				
1.1	Manufacturer			EP
1.2	Model designation			CPD18L2
1.3	Drive unit			Electrics
1.4	Operator type			seated
1.5	rated capacity	Q	t	1.8
1.6	Load center distance	c	mm	500
1.8	Load distance, centre of drive axle to fork	x	mm	411
1.9	Wheelbase	y	mm	1358
Weight				
2.1	Service weight (include battery)		kg	3255
2.2	Axle loading, laden driving wheels /steering wheels		kg	4482/573
2.3	Axle loading, unladen driving wheels /steering wheels		kg	1475/1780
Types,Chassis				
3.1	Tyre type,driving wheels /steering wheels			solid rubber
3.2	Tyre size, driving wheels (diameter×width)		mm	18X7-8
3.3	Tyre size, steering wheels (diameter×width)		mm	15X4.5-8
3.5	Wheels, number driving/steering (x=drive wheels)		mm	2x/ 2
3.6	Tread, Driving wheels	b10	mm	902
3.7	Tread, Steering wheels	b11	mm	175
Dimensions				
4.1	Tilt of mast/fork carriage forward/backward	α/ β (°)		5/6
4.2	Height, mast lowered	h1	mm	2118
4.3	Free lift (load backrest)	h2	mm	120
4.4	Lift height	h3	mm	3000
4.5	Height, mast extended	h4	mm	4058
4.7	Height of overhead guard (cabin)	h6	mm	2090
4.8	Seat height	h7	mm	1000
4.12	Tow center of pin height	h10	mm	560
4.19	Overall length	l1	mm	2915
4.20	Length to face of forks	l2	mm	1995
4.21	Overall width	b1/ b2	mm	1108
4.22	Fork dimensions	s/ e/ l	mm	40×100×920
4.23	Fork carriage class/type A, B			A
4.24	Fork carriage width	b3	mm	1040
4.31	Ground clearance, laden, below mast	m1	mm	134
4.32	The minimum ground clearance of frame	m2	mm	120
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	3223
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	3359
4.35	Turning radius	Wa	mm	1585
Performance data				
5.1	Travel speed, laden/ unladen		km/ h	16/17
5.2	Lifting speed, laden/ unladen		m/ s	
5.3	Lowering speed, laden/ unladen		m/ s	
5.5	Drawbar pull, laden/unladen		N	
5.6	Max. drawbar pull, laden/unladen (time)		N	/
5.7	Gradeability, laden/unladen		%	10.5/ 14.5
5.8	Max. gradeability, laden/unladen		%	
5.9	Service brake type			Electrics
5.10	park brake type			Electrics
Electric-engine				
6.1	Drive motor rating S2 60 min		kW	6.1x2
6.2	Lift motor rating at S3 15%		kW	11
6.3	The maximum allowed size battery		mm	/
6.4	Battery voltage/nominal capacity K5		V/ Ah	48/360
6.5	Battery weight		kg	250
Addition data				
8.1	Type of drive unit			AC
10.5	Steering type			Electrics
10.7	Sound pressure level at the driver's ear		dB (A)	68

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