

CPD15/18/20TV8

Electric Cold Storage Forklift 1500-2000kg



EP
Let's grow together



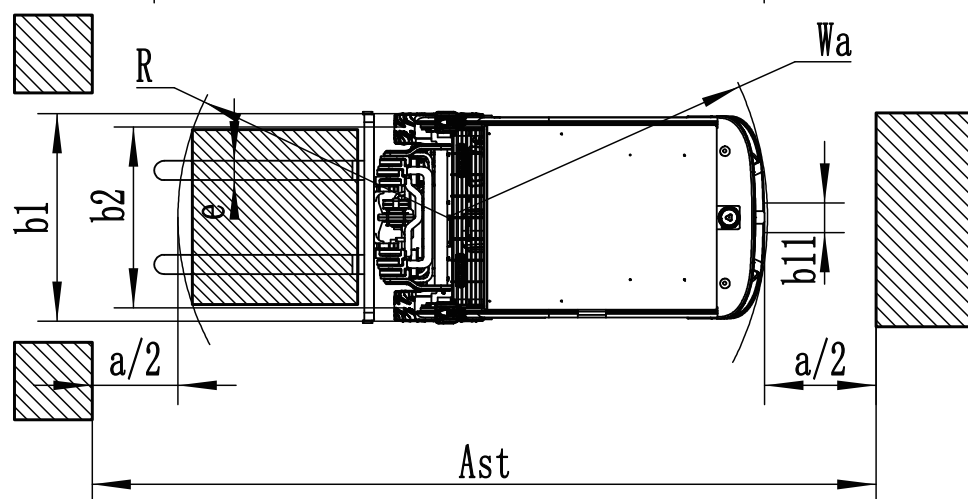
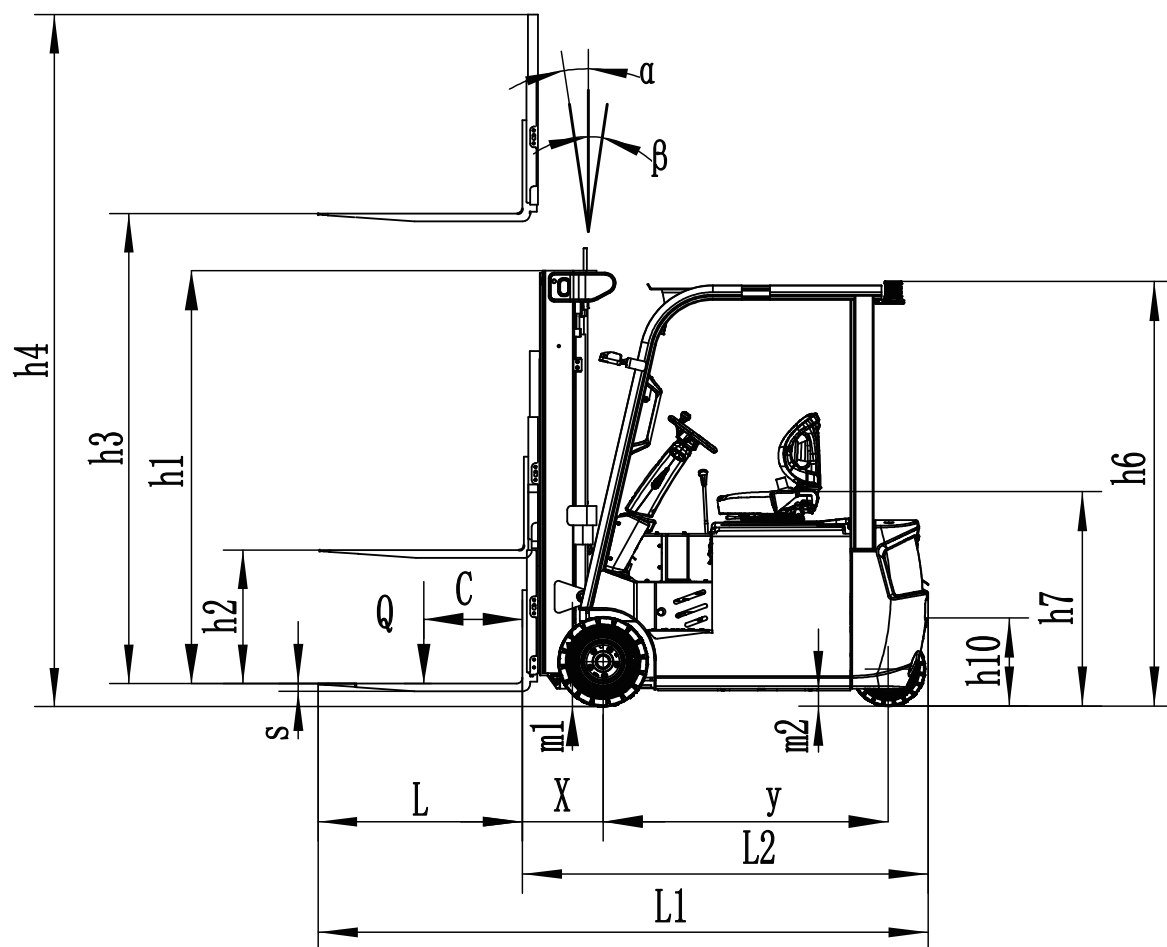
Manufacturer			EP	EP	EP
Model designation			CPD15TV8i	CPD18TV8i	CPD20TV8
Drive			Electric	Electric	Electric
Load center distance	c	mm	500	500	500
Service weight		kg	3089	3238	3608
Height, mast lowered	h1	mm	1069	1069	1069
Lift height	h3	mm	3000	3000	3000
Height, mast extended	h4	mm	3415	3415	3415
Length to face of forks	l2	mm	2060	2170	2170
Overall width	b1/b2	mm	1050	1050	1050
Fork dimensions	s/e/l	mm	40x100x920	40x100x920	40x100x920
turning radius	Wa	mm	1570	1570	1680
Travel speed, laden/unladen		km/ h	13/14	13/14	13/14
Lifting speed, laden/unladen		m/s	0.26/0.43	0.26/0.43	0.26/0.43
Lowering speed, laden/unladen		m/s	0.44/0.435	0.44/0.435	0.44/0.435
Max. gradeability, laden/unladen		%	10.5/14.5	10.5/14.5	10.5/14.5
Drive motor rating S2 60 min		kW	5x2	5x2	5x2
Battery voltage/nominal capacity		V/Ah	80/360	80/360	80/360

Electric Cold Storage Forklift 1500-2000kg

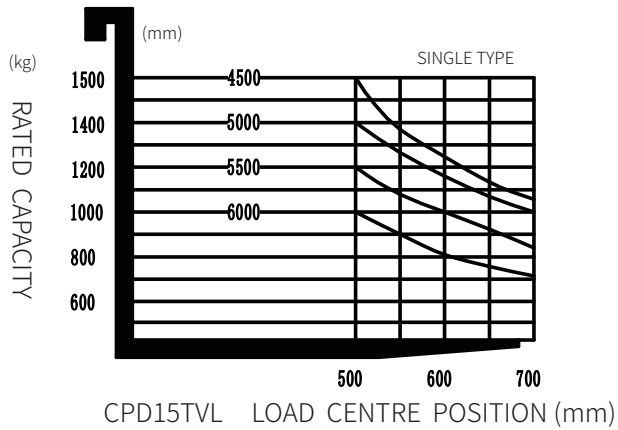
CPD15/18/20TV8

Distinguishing mark	1.1	Manufacturer			EP	EP	EP
	1.2	Model designation			CPD15TV8	CPD18TV8	CPD20TV8
	1.3	Drive			Electric	Electric	Electric
	1.4	Operator type			Seated	Seated	Seated
	1.5	Load capacity	Q	kg	1500	1800	2000
	1.6	Load center distance	c	mm	500	500	500
	1.8	Load distance, centre of drive axle to fork	x	mm	402	402	402
	1.9	Wheelbase	y	mm	1357	1467	1467
Service weight	2.1	Service weight		kg	3089	3238	3608
	2.2	Axle loading, laden front/rear		kg	4077/511	4077/511	4952/655
	2.3	Axle loading, unladen front/rear		kg	1583/1505	1583/1505	1725/1882
Tyres/chassis	3.1	Tyre type			Solid tire	Solid tire	Solid tire
	3.2	Tyre size, front			18×7-8	18×7-8	200/50-10
	3.3	Tyre size, rear			15x4.5-8	15x4.5-8	15x4.5-8
	3.5	Wheels, number front/rear (x=drive wheels)		mm	2x,2	2x,2	2x,2
	3.6	Tread width, front	b10	mm	911	911	940
	3.7	Tread width, rear	b11	mm	169	169	169
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	α/β	°	6/6	6/6	6/6
	4.2	Retracted mast height	h1	mm	1069	1069	1069
	4.3	Free lift	h2	mm	100	100	100
	4.4	Lift height	h3	mm	3000	3000	3000
	4.5	Height, mast extended	h4	mm	3415	3415	3415
	4.7	Height of overhead guard (cabin)	h6	mm	2160	2160	2160
	4.8	Seat height/standing height	h7	mm	1090	1090	1090
	4.12	Tow coupling height	h10	mm	460	460	460
	4.19	Overall length	l1	mm	3100	1069	3210
	4.20	Length to face of forks	l2	mm	2060	2170	2170
	4.21	Overall width	b1/b2	mm	1050	1050	1050
	4.22	Fork dimensions	s/e/l	mm	40x100x920	40x100x920	40x100x920
	4.23	A,B Fork carriage class/type A, B			2A	2A	2A
	4.24	Fork carriage width	b3	mm	1040	1040	1040
	4.31	Ground clearance, laden, below mast	m1	mm	120	120	120
	4.32	Ground clearance, center of wheelbase	m2	mm	74	74	74
	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	3090	3090	3200
	4.34.2	Aisle width for pallets 800×1200 lengthways	Ast	mm	3290	3290	3300
	4.35	Turning radius	Wa	mm	1570	1570	1680
Performance data	5.1	Travel speed, laden/unladen		km/h	13/14	13/14	13/14
	5.2	Lifting speed, laden/unladen		m/s	0.26/0.43	0.26/0.43	0.26/0.43
	5.3	Lowering speed, laden/unladen		m/s	0.44/0.435	0.44/0.435	0.44/0.435
	5.8	Max. gradeability, laden/unladen		%	10.5/14.5	10.5/14.5	10.5/14.5
	5.10	Service brake			Hydraulic	Hydraulic	Hydraulic
	5.11	Parking brake			Mechanical	Mechanical	Mechanical
Electric-engine	6.1	Drive motor rating S2 60 min		kW	5x2	5x2	5x2
	6.2	Lift motor rating at S3 15%		kW	11	11	11
	6.4	Battery voltage/nominal capacity		V/Ah	80/360	80/360	80/360
	6.5	Battery weight		kg	933	933	933
Addition data	8.1	Type of drive control			AC	AC	AC
	10.5	Steering design			Hydraulic	Hydraulic	Hydraulic
	10.7	Sound pressure level at the driver's ear		dB(A)	74	74	74

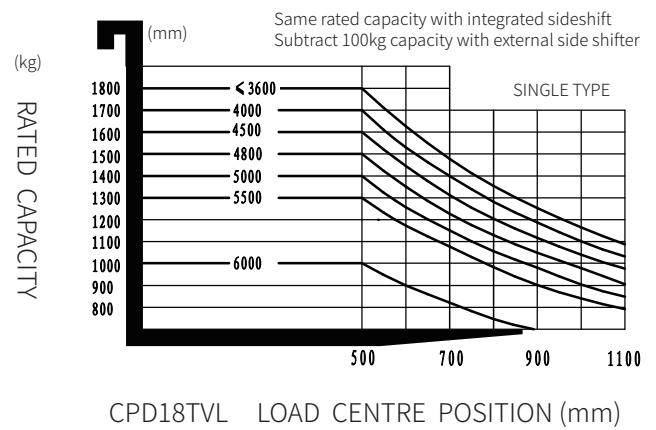
If there are improvements of technical parameters or configurations, no further notice will be given.
The diagram shown may contain non-standard configurations.



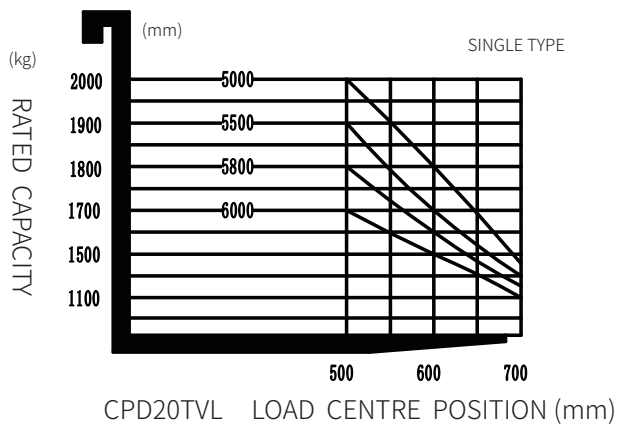
RATED CAPACITIES AND LOAD CENTERES GRAPH



RATED CAPACITIES AND LOAD CENTERES GRAPH



RATED CAPACITIES AND LOAD CENTERES GRAPH



Mast Option

Mast types	Lift height (h3)	Height, Mast			Height, Free lift(h2)	
		Height, mast lowered(h1)	Height, mast extended(h4)		No backrest	With backrest
			No backrest	With backrest		
	mm	mm	mm	mm	mm	mm
2-Wide Mast	3000	1990	3515	4058	120	120
	3300	2140	3815	4358	120	120
	3600	2290	4115	4658	120	120
	4000	2540	4515	5058	120	120
2-Free Mast	3000	2023	3515	4058	1508	965
	3300	2173	3815	4358	1658	1115
	3600	2323	4115	4658	1808	1265
3-Free Mast	4500	2043	5024	5558	1499	985
	4800	2143	5324	5858	1599	1085
	5000	2208	5524	6058	1664	1150
	5500	2378	6024	6558	1834	1320
	6000	2593	6524	7058	2049	1535

Option

Optional items	CPD15TV8	CPD18TV8	CPD20TV8
Fork dimension	●100*40*920○100*40*1070 ○100*40*1100○100*40*1150 ○100*40*1220○100*40*1370 ○100*40*1520○100*40*1800	●100*40*920○100*40*1070 ○100*40*1100○100*40*1150 ○100*40*1220○100*40*1370 ○100*40*1520○100*40*1800	●122*40*920○122*40*1070 ○122*40*1150○122*40*1220 ○122*40*1370○122*40*1500 ○122*40*1600○122*40*1700 ○122*40*1820○122*40*1900 ○122*40*2000○122*40*2200
Fork carriage width	●1040mm ○Yes and not customized	●1040mm ○Yes and not customized	●1040mm ○Yes and not customized
Fork carriage height	●1067mm (42in) ○1220mm (48in) ○1520mm (60in) ○Yes and not customized	●1067mm (42in) ○1220mm (48in) ○1520mm (60in) ○Yes and not customized	●1067mm (42in) ○1220mm (48in) ○1520mm (60in) ○Yes and not customized
Front wheel material	●Solid rubber ○Non-marking solid	●Solid rubber ○Non-marking solid	●Solid rubber ○Non-marking solid
Rear wheel material	●Solid rubber ○Non-marking solid	●Solid rubber ○Non-marking solid	●Solid rubber ○Non-marking solid
Battery capacity	○240Ah Lead-acid ○300Ah Lead-acid	○300Ah Lead-acid ○360Ah Lead-acid	○360Ah Lead-acid
Charger	○80V-30A External	○80V-45A External	○80V-45A External
Battery indicator	●With hourmeter	●With hourmeter	●With hourmeter
Seat type	●Comfortable ○Suspension ○Suspension seat with armrests	●Comfortable ○Suspension ○Suspension seat with armrests	●Comfortable ○Suspension ○Suspension seat with armrests
Attachments	●No○Built-in sideshifter ○External sideshifter ○Fork positioner	●No○Built-in sideshifter ○External sideshifter ○Fork positioner	●No○Built-in sideshifter ○External sideshifter ○Fork positioner
Traction pin	●Yes	●Yes	●Yes
Electrostatic discharge chain	●Yes	●Yes	●Yes
Front lamp	●LED	●LED	●LED
Rear lamp	●No○LED	●No○LED	●No○LED
Warning lamp	●Yes	●Yes	●Yes
Steering lamp	●Yes	●Yes	●Yes
Blue lamp	●No○Front*2○Rear*1 ○Front*2+Rear*1	●No○Front*2○Rear*1 ○Front*2+Rear*1	●No○Front*2○Rear*1 ○Front*2+Rear*1
Area warning lamp	●No○Both sides○Rear ○Both sides and rear	●No○Both sides○Rear ○Both sides and rear	●No○Both sides ○Rear ○Both sides and rear
Rearview mirror	●One in front○Two on sides	●One in front○Two on sides	●One in front○Two on sides
Buzzer	●Yes	●Yes	●Yes
OPS system	●Yes	●Yes	●Yes
Telematics	●No○Yes and not customized	●No○Yes and not customized	●No○Yes and not customized
Cabin	●No	●No	●No
Note: ●Standard ○ Optional - Inconformity			