



CPD15/18/20TV8

1.5/1.8/2.0T Electric forklift

LI-ION

- The EP heavy duty three wheel counterbalance truck
- Available with standard and Li-Ion Battery
- Dual drive Schabmüller Motors and ZF Transmission

Product parameters

Distinguishing mark					
1.1	Manufacturer		EP	EP	EP
1.2	Model designation		CPD15TV8	CPD18TV8	CPD20TV8
1.3	Drive unit		Electrics	Electrics	Electrics
1.4	Operator type		seated	seated	seated
1.5	rated capacity	Q t	1.5	1.8	2.0
1.6	Load center distance	c mm	500	500	500
1.8	Load distance, centre of drive axle to fork	x mm	400	400	400
1.9	Wheelbase	y mm	1258	1358	1358
Weight					
2.1	Service weight (include battery)	kg	3050	3160	3430
2.2	Axle loading, laden driving wheels /steering wheels	kg	4215/335	4640/320	5050/380
2.3	Axle loading, unladen driving wheels /steering wheels	kg	1570/1480	1620/1540	1750/1680
Types,Chassis					
3.1	Tyre type,driving wheels /steering wheels		solid rubber	solid rubber	solid rubber
3.2	Tyre size, driving wheels (diameter×width)		18X7-8	18X7-8	200X50-10
3.3	Tyre size, steering wheels (diameter×width)		15X4.5-8	15X4.5-8	15X4.5-8
3.5	Wheels, number driving/steering (x=drive wheels)	mm	2x/ 2	2x/ 2	2x/ 2
3.6	Tread, Driving wheels	b ₁₀ mm	902	902	936
3.7	Tread, Steering wheels	b ₁₁ mm	175	175	175
Dimensions					
4.1	Tilt of mast/fork carriage forward/backward	α/ β (°)	6/6	6/6	6/6
4.2	Height, mast lowered	h ₁ mm	1990	1990	1990
4.3	Free lift (load backrest)	h ₂ mm	120	120	120
4.4	Lift height	h ₃ mm	3000	3000	3000
4.5	Height, mast extended	h ₄ mm	4058	4058	4058
4.7	Height of overhead guard (cabin)	h ₆ mm	2060	2060	2060
4.8	Seat height	h ₇ mm	1000	1000	1000
4.12	Tow center of pin height	h ₁₀ mm	475	475	475
4.19	Overall length	l ₁ mm	2765	2865	2895
4.20	Length to face of forks	l ₂ mm	1845	1945	1975
4.21	Overall width	b ₁ / b ₂ mm	1090	1090	1150
4.22	Fork dimensions	s/ e/ l mm	40×100×920	40×100×920	40×100×920
4.23	Fork carriage class/type A, B		2A	2A	2A
4.24	Fork carriage width	b ₃ mm	1040	1040	1040
4.31	Ground clearance, laden, below mast	m ₁ mm	108	108	108
4.32	The minimum ground clearance of frame	m ₂ mm	78	78	78
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast mm	3195	3295	3325
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast mm	3320	3420	3450
4.35	Turning radius	Wa mm	1475	1575	1605
Performance data					
5.1	Travel speed, laden/ unladen	km/ h	13/ 14	13/ 14	13/ 14
5.2	Lifting speed, laden/ unladen	m/ s	0.29/ 0.43	0.27/ 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
5.5	Drawbar pull, laden/unladen	N			
5.6	Max. drawbar pull, laden/unladen (time)	N	/	/	/
5.7	Gradeability, laden/unladen	%	10.5/ 14.5	10.5/ 14.5	10.5/ 14.5
5.8	Max. gradeability, laden/unladen	%			
5.10	Service brake type		hydraulic	hydraulic	hydraulic
5.11	park brake type		Mechanical	Mechanical	Mechanical
Electric-engine					
6.1	Drive motor rating S2 60 min	kW	4.8x2	4.8x2	4.8x2
6.2	Lift motor rating at S3 15%	kW	11	11	11
6.3	The maximum allowed size battery	mm	/	/	/
6.4	Battery voltage/nominal capacity K5	V/ Ah	48/360 (Li)	48/360 (Li-Ion)	48/360 (Li-Ion)
6.5	Battery weight	kg	708	856	933
Addition data					
8.1	Type of drive unit		AC	AC	AC
10.5	Steering type		hydraulic	hydraulic	hydraulic
10.7	Sound pressure level at the driver's ear	dB (A)	68	70	74

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