

MAX-3



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Innovation to Create New Market

CPD18TVS

Three-wheel Electric Stand-up
Forklift 1.8t

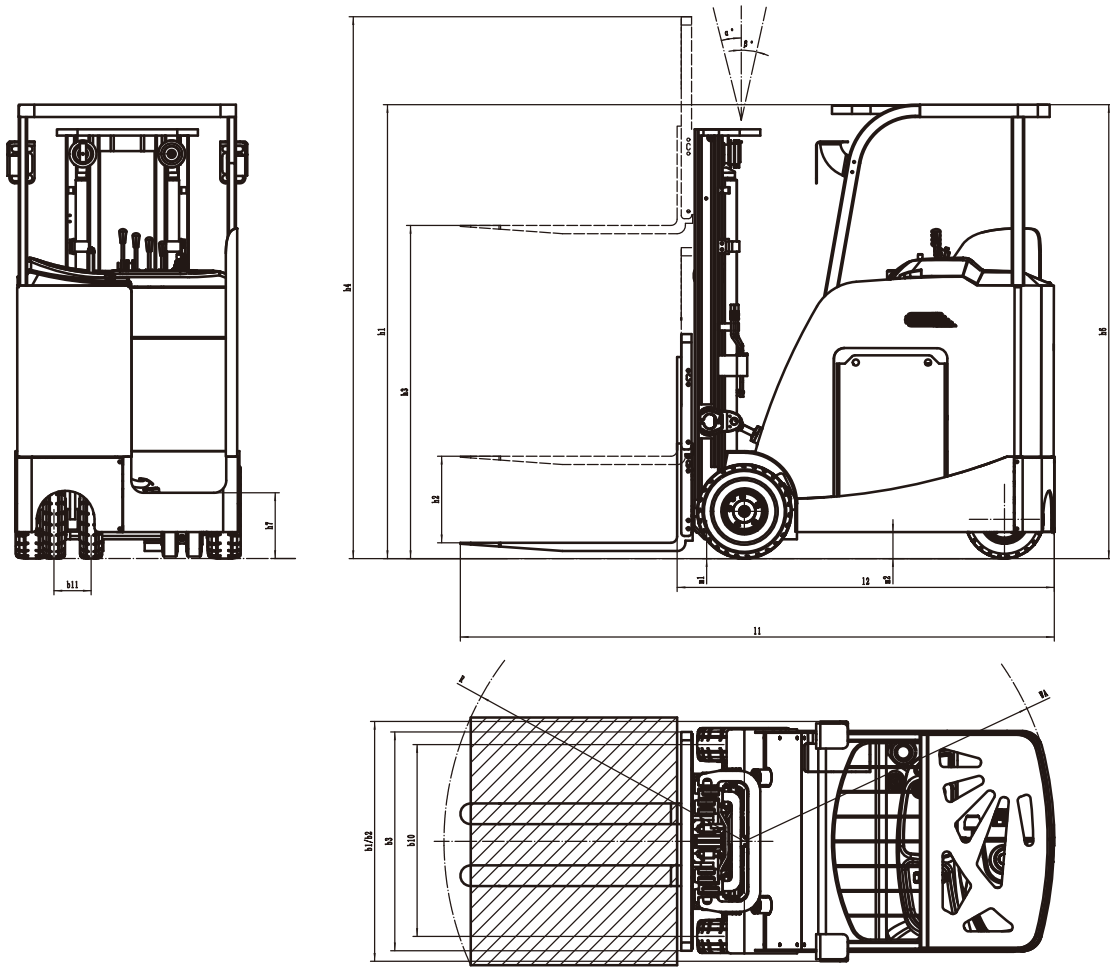
EP EQUIPMENT CO.,LTD
www.ep-ep.com

Three-wheel Electric Stand-up Forklift 1.8t CPD18TVS

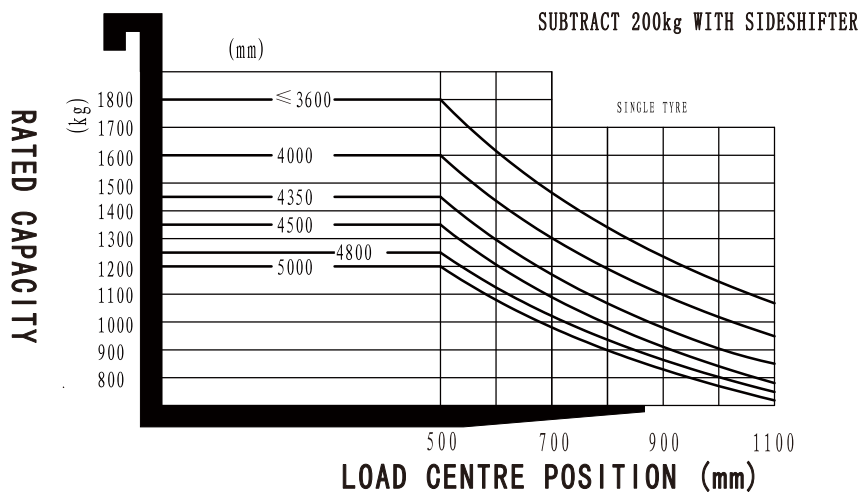
Distinguishing mark				
1.1	Manufacturer		EP	
1.2	Model designation		CPD18TVS	
1.3	Drive unit		Electric	
1.4	Operator type		seated	
1.5	rated capacity	Q	t	1.8
1.6	Load center distance	c	mm	500
1.8	Load distance, centre of drive axle to fork	x	mm	333
1.9	Wheelbase	y	mm	1260
Weight				
2.1	Service weight		kg	—
2.2	Axle loading, laden front/ rear		kg	—
2.3	Axle loading, unladen front/ rear		kg	—
Types, Chassis				
3.1	Tyre type			solid rubber
3.2	Tyre size, front		mm	18X7-8
3.3	Tyre size, rear		mm	15x4.5-8
3.5	Wheels, number front/ rear (x=drive wheels)		mm	2x /2
3.6	Tread, front	b ₁₀	mm	895
3.7	Tread, rear	b ₁₁	mm	175
Dimensions				
4.1	Tilt of mast/fork carriage forward/backward	α / β (°)		5°/5°
4.2	Height, mast lowered	h ₁	mm	2200
4.3	Free lift	h ₂	mm	120
4.4	Lift height	h ₃	mm	3000
4.5	Height, mast extended	h ₄	mm	4011
4.7	Height of overhead guard (cabin)	h ₆	mm	2200
4.8	Seat height/standing height	h ₇	mm	318
4.12	Tow coupling height	h ₁₀	mm	—
4.19	Overall length	l ₁	mm	2747
4.20	Length to face of forks	l ₂	mm	1827
4.21	Overall width	b ₁ / b ₂	mm	1090
4.22	Fork dimensions	s/ e/ l	mm	40×100×920
4.23	Fork carriage class/type A, B			2A
4.24	Fork carriage width	b ₃	mm	1040
4.31	Ground clearance, laden, below mast	m ₁	mm	108
4.32	Ground clearance, center of wheelbase	m ₂	mm	130
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	3170
4.34.2	Aisle width for pallets 800 × 1200 crossways	Ast	mm	3293
4.35	Turning radius	Wa	mm	1515
4.36	Internal turning radius	b ₁₃	mm	—
Performance data				
5.1	Travel speed, laden/ unladen		km/ h	11.5/12
5.2	Lifting speed, laden/ unladen		m/ s	0.27/ 0.43
5.3	Lowering speed, laden/ unladen		m/ s	0.44/ 0.435
5.5	Drawbar pull, laden/unladen		N	—
5.6	Max. drawbar pull, laden/unladen		N	—
5.7	Gradeability, laden/unladen		%	10.5/14.5
5.8	Max. gradeability, laden/unladen		%	—
5.9	Acceleration time, laden/unladen		s	—
5.10	Service brake			—
Electric-engine				
6.1	Drive motor rating S2 60 min		kW	4.8x2
6.2	Lift motor rating at S3 15%		kW	11
6.3	Battery according to DIN 43531 /35 / 36 A, B, C, no			—
6.4	Battery voltage/nominal capacity K5			48V700
6.5	Battery weight		kg	1184
	Battery dimensions L/W/H		mm	—
Addition data				
8.1	Type of drive unit			AC
10.1	Operating pressure for attachments		bar	14
10.2	Oil volume for attachments		l/min	—
10.7	Sound pressure level at the driver's ear		dB (A)	74

1.The parameters in the table are of the standard model. For more information please contact us.

2.The parameters are subject to change without notice.



RATED CAPACITIES GRAPH



Mast Option

Type	Model	Max.fork height h3	Overall height			Free lift		Front Overhang X	Tilt		Capacity
			Lowered h1	Extended		Without backrest	With backrest h2		FWD α	BWD β	Load Capacity 500mm
				Without backrest	With backrest h4						Single tire
											1.8t
mm	mm	mm	mm	mm	mm	mm	Deg	Deg	kg		
Duplex ZT	2W200	2000	1490	2481	3011	120	120	333	5	5	1800
	2W250	2500	1740	2981	3511	120	120	333	5	5	1800
	2W270	2700	1840	3181	3711	120	120	333	5	5	1800
	2W300	3000	1990	3481	4011	120	120	333	5	5	1800
	2W330	3300	2140	3781	4311	120	120	333	5	5	1800
	2W350	3500	2240	3981	4511	120	120	333	5	5	1800
	2W360	3600	2290	4081	4611	120	120	333	5	5	1800
	2W400	4000	2540	4481	5011	120	120	333	3	5	1600
	2W425	4250	2665	4731	5261	120	120	333	3	5	1500
2W450	4500	2790	4981	5511	120	120	333	3	5	1400	
Duplex ZZ	2F250	2500	1773	2981	3511	1292	762	333	5	5	1800
	2F270	2700	1873	3181	3711	1392	862	333	5	5	1800
	2F300	3000	2023	3481	4011	1542	1012	333	5	5	1800
	2F330	3300	2173	3781	4311	1692	1162	333	5	5	1800
	2F360	3600	2323	4081	4611	1842	1312	333	5	5	1800
	2F400	4000	2523	4481	5011	2042	1512	333	3	5	1700
Triplex DZ	3F435	4350	1993	4831	5361	1512	982	333	3	5	1450
	3F450	4500	2043	4981	5511	1562	1032	333	3	5	1350
	3F480	4800	2143	5281	5811	1662	1132	333	3	5	1250
	3F500	5000	2208	5481	6011	1727	1197	333	3	5	1200

Note: With sideshifter minus 200kg, with integral sideshifter minus 100kg.

