

MAX-3



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Innovation to Create New Market

CPD05/08/10/12/15TVE3

Three-wheel Electric Forklift

0.5/0.8/1.0/1.2/1.5t

Customised Especially for Multistory Factories and
Ultra-small Space

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

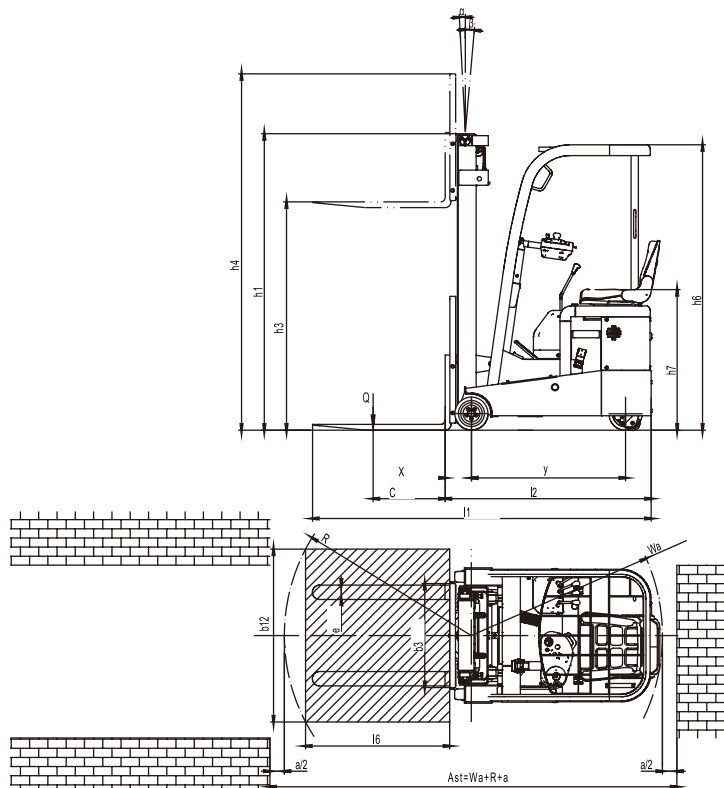
Three-wheel Electric Forklift 0.5/0.8/1.0/1.2/1.5t CPD05/08/10/12/15TVE3

Distinguishing mark					
1.1	Manufacturer		EP	EP	EP
1.2	Model designation		CPD05TVE3	CPD08TVE3	CPD10TVE3
1.3	Drive unit		Electric	Electric	Electric
1.4	Operator type		seated	seated	seated
1.5	rated capacity	Q	t	0.5	0.8
1.6	Load center distance	c	mm	400	400
1.8	Load distance, centre of drive axle to fork	x	mm	182.5	182.5
1.9	Wheelbase	y	mm	1070	1070
Weight					
2.1	Service weight (include battery)		kg	1195	1475
2.2	Axle loading, laden driving wheels /steering wheels		kg	1420/275	1910/365
2.3	Axle loading, unladen driving wheels /steering wheels		kg	565/630	700/775
Types,Chassis					
3.1	Tyre type,driving wheels /steering wheels		polyurethane	polyurethane	polyurethane
3.2	Tyre size, driving wheels		230/75	230/75	285/108
3.3	Tyre size, steering wheels		230/75	230/75	230/75
3.5	Wheels, number driving/steering (x=drive wheels)		mm	2/1x	2/1x
3.6	Tread, Driving wheels	b ₁₀	mm	830	830
3.7	Tread, Steering wheels	b ₁₁	mm	—	—
Dimensions					
4.1	Tilt of mast/fork carriage forward/backward	α/β (°)		2°/2°	2°/2°
4.2	Height, mast lowered	h ₁	mm	2060	2060
4.3	Free lift (load backrest)	h ₂	mm	—	120
4.4	Lift height	h ₃	mm	2950	2950
4.5	Height, mast extended	h ₄	mm	3860	3860
4.7	Height of overhead guard (cabin)	h ₆	mm	1980	1980
4.8	Seat height	h ₇	mm	975	975
4.12	Tow center of pin height	h ₁₀	mm	—	—
4.19	Overall length	l ₁	mm	2350	2350
4.20	Length to face of forks	l ₂	mm	1430	1430
4.21	Overall width	b ₁ /b ₂	mm	944	944
4.22	Fork dimensions	s/ e/ l	mm	40×100×920	40×100×920
4.23	Fork carriage class/type A, B			2A	2A
4.24	Fork carriage width	b ₃	mm	720	720
4.31	Ground clearance, laden, below mast	m ₁	mm	90	90
4.32	The minimum ground clearance of frame	m ₂	mm	95	95
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	2830	2830
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2945	2945
4.35	Turning radius	Wa	mm	1330	1330
Performance data					
5.1	Travel speed, laden/ unladen	km/ h		6/8	6/8
5.2	Lifting speed, laden/ unladen	m/ s		0.13/0.2	0.13/0.2
5.3	Lowering speed, laden/ unladen	m/ s		0.14/0.125	0.14/0.125
5.5	Drawbar pull, laden/unladen	N		—	—
5.6	Max. drawbar pull, laden/unladen (time)	N		—	—
5.7	Gradeability, laden/unladen	%		6/ 8	6/ 8
5.8	Max. gradeability, laden/unladen	%		—	—
5.10	Service brake type			Electromagnetic+ hydraulic	Electromagnetic+ hydraulic
	park brake type			—	—
Electric-engine					
6.1	Drive motor rating S2 60 min	kW		1.5	1.5
6.2	Lift motor rating at S3 15%	kW		2.2	2.2
6.3	The maximum allowed size battery	mm		—	—
6.4	Battery voltage/nominal capacity K5			24/210	24/210
6.5	Battery weight	kg		222	222
Addition data					
8.1	Type of drive unit			AC	AC
10.5	Steering type			—	—
10.7	Sound pressure level at the driver's ear	dB (A)		70	70

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.

EP
CPD15TVE3
Electric
seated
1.5
500
183.5
1295
2162
3106/556
801/1361
polyurethane
285/108
260/105
2/1x
910
—
2° / 2°
1985
120
2930
3906
1985
970
—
2620
1700
1020
40×100×920
A
720
78
95
3076
3189
1549
6/8
0.11/0.2
0.22/0.2
—
6/ 8
—
Electromagnetic+ hydraulic
—
3.3
4
—
24/ 500
500
AC
—
70



Mast Option

Type	Model	Overall height				Free lift		Front Overhang X		Tilt range	
		Max.fork height h3	Lowered h1		Extended		Without backrest	With backrest h2	0.5t	FWD α	BWD β
			mm	mm	Without backrest	With backrest h4					
Duplex ZT	2W223	2250	1710	2790	3160	mm	mm	mm	mm	Deg	Deg
	2W243	2450	1810	2990	3360	mm	mm	mm	182.5	2	2
	2W263	2650	1910	3190	3560	mm	mm	mm	182.5	2	2
	2W283	2850	2010	3390	3760	mm	mm	mm	182.5	2	2
	2W293	2950	2060	3490	3860	mm	mm	mm	182.5	2	2
	2W323	3250	2210	3790	4160	mm	mm	mm	182.5	2	2

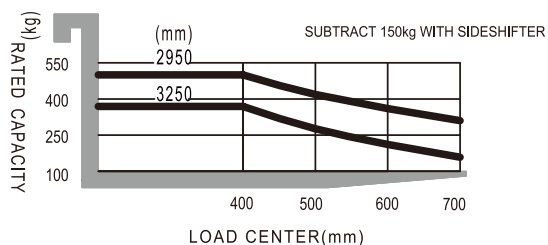
Type	Model	Max.fork height h3	Lowered h1		Extended		Free lift		Front Overhang X		Tilt range	
			mm	mm	Without backrest	With backrest h4	Without backrest	With backrest h2	1.0t	1.2t	FWD α	BWD β
Duplex ZT	2W243	2430	1710	2945	3345	mm	mm	mm	mm	mm	Deg	Deg
	2W263	2630	1810	3145	3545	mm	mm	mm	243.5	243.5	2	2
	2W293	2930	1980	3445	3845	mm	mm	mm	243.5	243.5	2	2
	2W323	3230	2110	3745	4145	mm	mm	mm	243.5	243.5	2	2
	2W343	3430	2210	3945	4345	mm	mm	mm	243.5	243.5	2	2
	2W353	3530	2260	4045	4445	mm	mm	mm	243.5	243.5	2	2
Triplex DZ	2W363	3630	2310	4145	4545	mm	mm	mm	243.5	243.5	2	2
	2W383	3830	2410	4345	4745	mm	mm	mm	243.5	243.5	2	2
	3F400	4000	1822	4515	4920	mm	mm	mm	228.5	228.5	2	2
	3F450	4500	2022	5015	5420	mm	mm	mm	228.5	228.5	2	2

Type	Model	Max.fork height h3	Lowered h1		Extended		Free lift		Front Overhang X		Tilt range	
			mm	mm	Without backrest	With backrest h4	Without backrest	With backrest h2	1.5t	FWD α	BWD β	Deg
Duplex ZT	2W243	2430	1710	2911	3406	mm	mm	mm	mm	Deg	Deg	Deg
	2W263	2630	1810	3111	3606	mm	mm	mm	183.5	2	2	2
	2W293	2930	1960	3411	3906	mm	mm	mm	183.5	2	2	2
	2W323	3230	2110	3711	4206	mm	mm	mm	183.5	2	2	2
	2W343	3430	2210	3911	4406	mm	mm	mm	183.5	2	2	2
	2W353	3530	2260	4011	4506	mm	mm	mm	183.5	2	2	2
Triplex DZ	2W363	3630	2310	4111	4606	mm	mm	mm	183.5	2	2	2
	2W383	3830	2410	4311	4806	mm	mm	mm	183.5	2	2	2
	3F400	4000	1822	4481	4976	mm	mm	mm	183.5	2	2	2
	3F450	4500	2022	4981	5476	mm	mm	mm	183.5	2	2	2

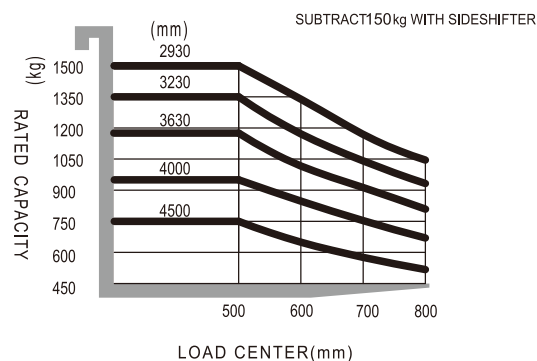
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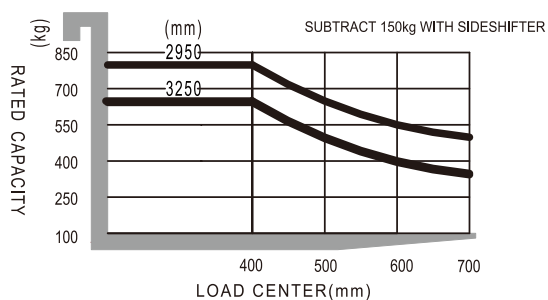
CPD05TVE3 RATED CAPACITIES GRAPH



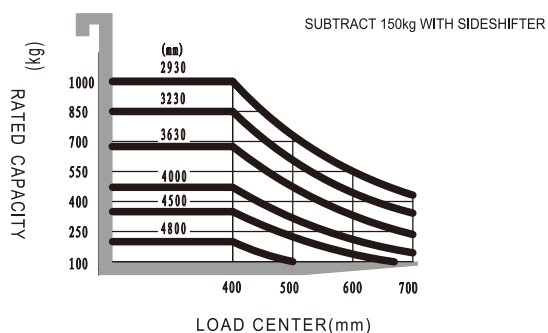
CPD15TVE3 RATED CAPACITIES GRAPH



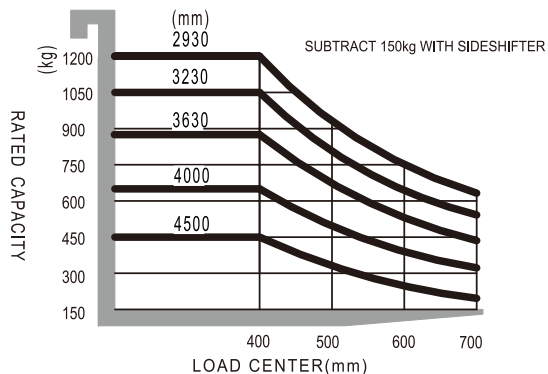
CPD08TVE3 RATED CAPACITIES GRAPH



CPD10TVE3 RATED CAPACITIES GRAPH



CPD12TVE3 RATED CAPACITIES GRAPH



Option

options	CPD05/08/10/12TVE3
Fork length	•
Folding fork	•
high capacity battery	•
Imported battery	•
Rubber solid tyre	—
Cold storage (Apply to -20℃)	•
Fork weighing system	•
Customerized Overhead height	•
Mast lifting height	•
Attachment	•
LED Front working light	•
fire extinguisher	•
Auto-filling water system	•
Suspension seat	•
Warning light	•
Dual Mirrors	•
Rear working light	•
OPS	•
Special backrest	•
battery trolley for lateral battery extraction	•
FAN	•
Charger (220/380V)	•
Special modification for Drive-in Racking	•