



MAX **Series**
As "Max" as Reliable
MAX-3/5/8

MAX-3



MAX-3

Innovation to Create New Market

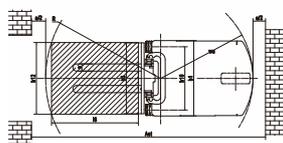
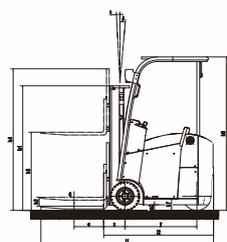
CPD10/12TVS

Three-wheel Electric Forklift 1.0/1.2t

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

Three-wheel Electric Forklift 1.0/1.2t CPD10/12TVS

Distinguishing mark					
1.1	Manufacturer			EP	EP
1.2	Model designation			CPD10TVS	CPD12TVS
1.3	Drive unit			Electrics	Electrics
1.4	Operator type			seated	seated
1.5	rated capacity	Q	t	1	1.2
1.6	Load center distance	c	mm	500	500
1.8	Load distance, centre of drive axle to fork	x	mm	307	307
1.9	Wheelbase	y	mm	1036	1036
Weight					
2.1	Service weight (include battery)		kg	2410	2500
2.2	Axle loading		kg	2920/490	3160/540
2.3	Axle loading		kg	1000/1410	1000/1500
Types,Chassis					
3.1	Tyre type,driving wheels /steering wheels			solid rubber	solid rubber
3.2	Tyre size, driving wheels (diameter×width)		mm	16X6-8	16X6-8
3.3	Tyre size, steering wheels (diameter×width)		mm	16X6-8	16X6-8
3.5	Wheels, number driving/steering (x=drive wheels)		mm	2 / 1X	2 / 1X
3.6	Tread	b ₁₀	mm	877	877
3.7	Tread, Steering wheels	b ₁₁	mm		
Dimensions					
4.1	Tilt of mast/fork carriage forward/backward	α / β (°)		4/ 4	4/ 4
4.2	Height, mast lowered	h ₁	mm	2230	2230
4.3	Free lift (load backrest)	h ₂	mm	120	120
4.4	Lift height	h ₃	mm	2920	2920
4.5	Height, mast extended	h ₄	mm	3840	3840
4.7	Height of overhead guard (cabin)	h ₆	mm	2230	2230
4.8	Seat height	h ₇	mm		
4.12	Tow center of pin height	h ₁₀	mm		
4.19	Overall length	l ₁	mm	2590	2590
4.20	Length to face of forks	l ₂	mm	1584	1584
4.21	Overall width	b ₇ / b ₂	mm	1050	1050
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	1010	1010
4.31	Ground clearance, laden, below mast	m ₁	mm	73	73
4.32	The minimum ground clearance of frame	m ₂	mm	75	75
4.34.1	Aisle width forpallets 1000 × 1200 crossways	Ast	mm	2913	2913
4.34.2	Aisle width forpallets 800 × 1200 lengthways	Ast	mm	3060	3060
4.35	Turning radius	Wa	mm	1275	1275
Performance data					
5.1	Travel speed, laden/ unladen		km/ h	9/9.5	9/9.5
5.2	Lifting speed, laden/ unladen		m/ s	0.22/ 0.3	0.2/ 0.3
5.3	Lowering speed, laden/ unladen		m/ s	0.28/ 0.3	0.28/ 0.3
5.5	Drawbar pull, laden/unladen		N		
5.6	Max. drawbar pull, laden/unladen (time)		N		
5.7	Gradeability, laden/unladen		%		
5.8	Max. gradeability, laden/unladen		%	10/ 12	10/ 12
5.10	Service brake type			Electromagnetic	Electromagnetic
	park brake type			Electromagnetic	Electromagnetic
Electric-engine					
6.1	Drive motor rating S2 60 min		kW	—	—
6.2	Lift motor rating at S3 15%		kW	5.5	5.5
6.3	The maximum allowed size battery		mm	740X260X760	740X260X760
6.4	Battery voltage/nominal capacity K5			48/220	48/220
6.5	Battery weight		kg	414	414
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)	65	65



- 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.

MAX-5



MAX-5

Fit Actual Needs and Costs Effectively

CPD15/18/20TV5

Three-wheel Electric Forklift 1.5/1.8/2.0t

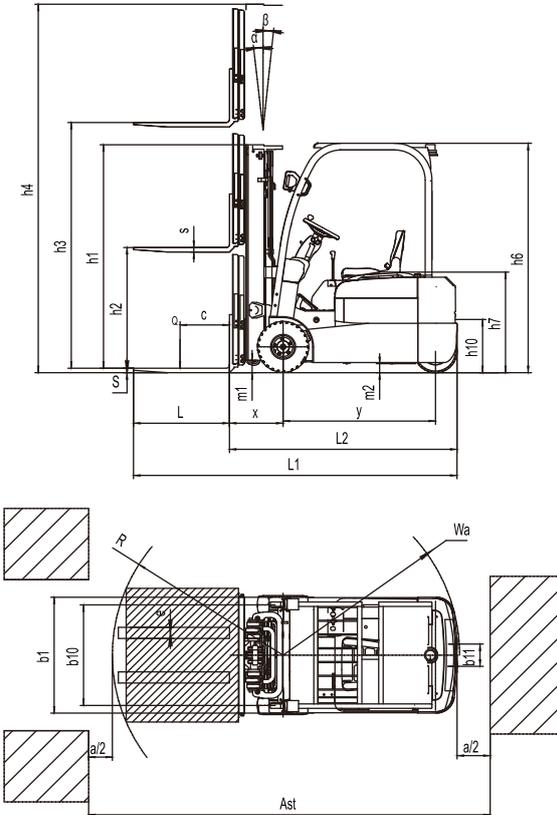
Dual-drive Performance

Perfect Balance between Dynamic and Working Space

Three-wheel Electric Forklift 1.5/1.8/2.0t CPD15/18/20TV5

Distinguishing mark						
1.1	Manufacturer		EP	EP	EP	
1.2	Model designation		CPD15TV5	CPD18TV5	CPD20TV5	
1.3	Drive unit		Electric	Electric	Electric	
1.4	Operator type		seated	seated	seated	
1.5	rated 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	397.5	397.5	397.5
1.9	Wheelbase	y	mm	1258	1358	1468
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			18X7-8	18X7-8	200X50-10
3.3	Tyre size, steering wheels			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	902
3.7	Tread, Steering wheels	b ₁₁	mm	175	175	175
Dimensions						
4.1	Tilt of mast/fork carriage forward/backward	α / β (°)		6/6.5	6/6.5	6/6.5
4.2	Height, mast lowered	h ₁	mm	2060	2060	2060
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	4011	4011	4011
4.7	Height of overhead guard (cabin)	h ₆	mm	2060	2060	2060
4.8	Seat height	h ₇	mm	855	855	855
4.12	Tow center of pin height	h ₁₀	mm	475	475	475
4.19	Overall length	l ₁	mm	2765	2865	2975
4.20	Length to face of forks	l ₂	mm	1845	1945	2055
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	3400
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	3320	3420	3526
4.35	Turning radius	Wa	mm	1475	1575	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	0.29/ 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			Mechanical/ hydraulic	Mechanical/ hydraulic	Mechanical/ hydraulic
	park brake type			Mechanical/ hydraulic	Mechanical/ hydraulic	Mechanical/ hydraulic
Electric-engine						
6.1	Drive motor rating S2 60 min		kW	4.5x2	4.5x2	4.5x2
6.2	Lift motor rating at S3 15%		kW	8.2	8.2	8.2
6.3	The maximum allowed size battery		mm	/	/	/
6.4	Battery voltage/nominal capacity K5			48/400	48/400	48/500
6.5	Battery weight		kg	708	708	856
Addition data						
8.1	Type of drive unit			AC	AC	AC
10.5	Steering type			Mechanical/ hydraulic	Mechanical/ hydraulic	Mechanical/ hydraulic
10.7	Sound pressure level at the driver's ear		dB (A)	68	70	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.



Option

options	CPD15/18/20TV5
Fork length	•
Folding fork	•
high capacity battery	•
Imported battery	•
No-mark solid tire	•
Cold storage (Apply to -20°C)	•
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	•
Special modification for Drive-in Racking	•





MAX-8

Excellent Performances & Reliability

CPD13/15/16/18/20TV8

Three-wheel Electric Forklift

1.3/1.5/1.6/1.8/2.0t

International Quality Components,
Premium Configuration, Super Performance

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

Three-wheel electric forklift 1.3/1.5/1.6/1.8/2.0t

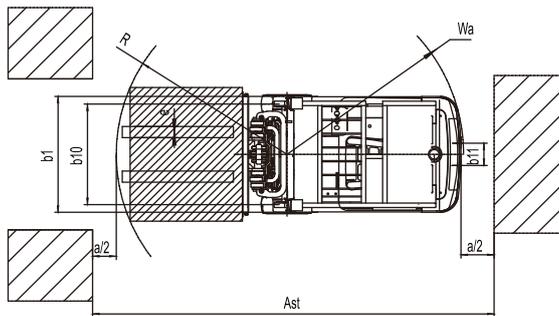
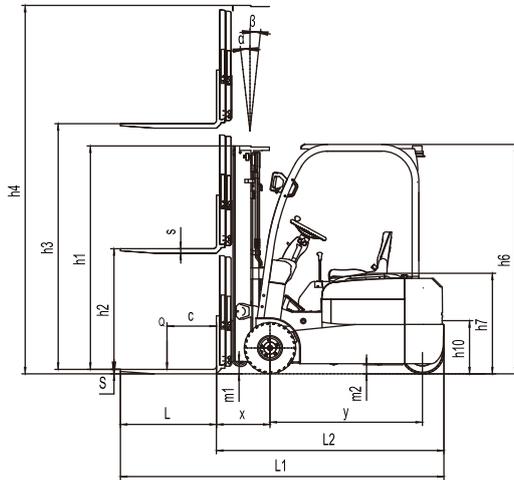
CPD13/15/16/18/20TV8

Distinguishing mark						
1.1	Manufacturer			EP	EP	EP
1.2	Model designation			CPD13TV8	CPD15TV8	CPD16TV8
1.3	Drive unit			Electric	Electric	Electric
1.4	Operator type			seated	seated	seated
1.5	rated capacity	Q	t	1.3	1.5	1.6
1.6	Load center distance	c	mm	500	500	500
1.8	Load distance, centre of drive axle to fork	x	mm	397.5	397.5	397.5
1.9	Wheelbase	y	mm	1258	1258	1358
Weight						
2.1	Service weight (include battery)		kg	3050	3050	3160
2.2	Axle loading, laden driving wheels /steering		kg	3872/478	4215/335	4321/439
2.3	Axle loading, unladen driving wheels /steering		kg	1570/1480	1570/1480	1620/1540
Types, Chassis						
3.1	Tyre type, driving wheels /steering wheels			solid rubber	solid rubber	solid rubber
3.2	Tyre size, driving wheels			18X7-8	18X7-8	18X7-8
3.3	Tyre size, steering wheels			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	902
3.7	Tread, Steering wheels	b ₁₁	mm	175	175	175
Dimensions						
4.1	Tilt of mast/fork carriage forward/backward	α/ β (°)		6/6.5	6/6.5	6/6.5
4.2	Height, mast lowered	h ₁	mm	2060	2060	2060
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	4011	4011	4011
4.7	Height of overhead guard (cabin)	h ₆	mm	2060	2060	2060
4.8	Seat height	h ₇	mm	855	855	855
4.12	Tow center of pin height	h ₁₀	mm	475	475	475
4.19	Overall length	l ₁	mm	2765	2765	2865
4.20	Length to face of forks	l ₂	mm	1845	1845	1945
4.21	Overall width	b ₁ / b ₂	mm	1090	1090	1090
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			A	A	A
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	3195	3295
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	3320	3320	3420
4.35	Turning radius	Wa	mm	1475	1475	1575
Performance data						
5.1	Travel speed, laden/ unladen		km/ h	13/ 14	13/ 14	13/ 14
5.2	Lifting speed, laden/ unladen		m/ s	0.3/ 0.43	0.29/ 0.43	0.28/ 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			Mechanical/ hydraulic	Mechanical/ hydraulic	Mechanical/ hydraulic
	park brake type			Mechanical/ hydraulic	Mechanical/ hydraulic	Mechanical/ hydraulic
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			48/400	48/400	48/500
6.5	Battery weight		kg	708	708	856
Addition data						
8.1	Type of drive unit			AC	AC	AC
10.5	Steering type			Mechanical/ hydraulic	Mechanical/ hydraulic	Mechanical/ hydraulic
10.7	Sound pressure level at the driver's ear		dB (A)	68	68	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
CPD20TV8
Electric
seated
2
500
397.5
1468
3430
5050/380
1750/1680
solid rubber
200X50-10
15X4.5-8
2x/ 2
902
175
6/6.5
2060
120
3000
4011
2060
855
475
2975
2055
1150
40x100x920
A
1040
108
78
3400
3526
1680
13/ 14
0.26/ 0.43
0.44/ 0.435
/
/
10.5/ 14.5
Mechanical/ hydraulic
Mechanical/ hydraulic
4.8x2
11
/
48/600
1003
AC
Mechanical/ hydraulic
74



Option

options	CPD13/15/16/18/20TV8
Fork length	•
Folding fork	•
high capacity battery	•
Imported battery	•
Rubber solid tyre	•
No-mark solid tyre	•
Cold storage (Apply to -20 C)	•
Lateral battery change	•
Fork weighing system	•
Customized Overhead height	•
Mast lifting height	•
Attachment	•
Integrated side shift	•
proportional valve	•
LED Front working light	•
Rear working light	•
Warning light	•
fire extinguisher	•
Auto-filling water system	•
Suspension seat	•
Heater	•
Front window with wiper	•
Rear window with wiper	•
Full cabin	•
OPS	•
Special backrest	•
battery trolley for lateral battery extraction	•
FAN	•
Special modification for Drive-in Racking	•



MAX-8



MAX-8

Excellent Performances & Reliability

CPD15/18/20FVD8 Dual Traction
Four-wheel Electric Forklift 1.5/1.8/2.0t

CPD25/30/35FVD8 Dual Traction
Four-wheel Electric Forklift 2.5/3.0/3.5t

International Quality Components,
Premium Configuration, Excellent Performance

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

Four-wheel electric forklift 1.5/1.8/2.0t

CPD15/18/20FVD8

Distinguishing mark				EP	EP	EP
1.1	Manufacturer			CPD15FVD8	CPD18FVD8	CPD20FVD8
1.2	Model designation			Electric	Electric	Electric
1.3	Drive unit			seated	seated	seated
1.4	Operator type			1.5	1.8	2
1.5	rated capacity	Q	t	500	500	500
1.6	Load center distance	c	mm	397.5	397.5	397.5
1.8	Load distance, centre of drive axle to fork	x	mm	1335	1435	1435
1.9	Wheelbase	y	mm			
Weight						
2.1	Service weight (include battery)		kg	3165	3440	3540
2.2	Axle loading, laden driving wheels /steering wheels		kg	4060/605	4625/615	4955/585
2.3	Axle loading, unladen driving wheels /steering wheels		kg	1570/1595	1720/1720	1720/1820
Types,Chassis						
3.1	Tyre type,driving wheels /steering wheels			solid rubber	solid rubber	solid rubber
3.2	Tyre size, driving wheels			18X7-8	18X7-8	200X50-10
3.3	Tyre size, steering wheels			16X6-8	16X6-8	16X6-8
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	902
3.7	Tread, Steering wheels	b ₁₁	mm	890	890	890
Dimensions						
4.1	Tilt of mast/fork carriage forward/backward	a/ β (°)		6/6.5	6/6.5	6/6.5
4.2	Height, mast lowered	h ₁	mm	2060	2060	2060
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	4011	4011	4011
4.7	Height of overhead guard (cabin)	h ₆	mm	2060	2060	2060
4.8	Seat height	h ₇	mm	855	855	855
4.12	Tow center of pin height	h ₁₀	mm	475	475	475
4.19	Overall length	l ₁	mm	2922	3022	3172
4.20	Length to face of forks	l ₂	mm	2002	2102	2102
4.21	Overall width	b / 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	3341	3436	3436
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	3467	3562	3562
4.35	Turning radius	Wa	mm	1620	1715	1715
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 / Mechanical	Hydraulic / Mechanical	Hydraulic / Mechanical
	park brake type			Hydraulic / Mechanical	Hydraulic / Mechanical	Hydraulic / 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			48/400(max500)	48/500(max600)	48/500(max600)
6.5	Battery weight		kg	708	856	1003
Addition data						
8.1	Type of drive unit			AC	AC	AC
10.5	Steering type			Hydraulic / Mechanical	Hydraulic / Mechanical	Hydraulic / Mechanical
10.7	Sound pressure level at the driver's ear		dB (A)	68	70	74

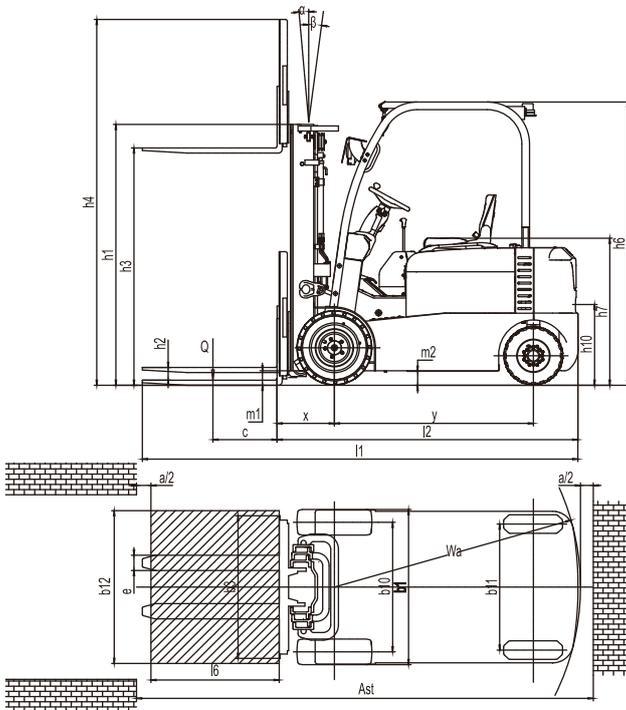
1.The parameters in the table are of the standard model. For more information, please contact us.
2.The parameters are subject to change without notice.

Four-wheel electric forklift 2.5/3.0/3.5t CPD25/30/35FVD8

Distinguishing mark				EP	EP	EP
1.1	Manufacturer			CPD25FVD8	CPD30FVD8	CPD35FVD8
1.2	Model designation			Electric	Electric	Electric
1.3	Drive unit			seated	seated	seated
1.4	Operator type			2.5	3	3.5
1.5	rated capacity	Q	t	500	500	500
1.6	Load center distance	c	mm	425	425	425
1.8	Load distance, centre of drive axle to fork	x	mm	1550	1550	1550
1.9	Wheelbase	y	mm			
Weight						
2.1	Service weight (include battery)		kg	4450	4825	5035
2.2	Axle loading, laden driving wheels /steering wheels		kg	6290/660	7045/780	7720/815
2.3	Axle loading, unladen driving wheels /steering		kg	2180/2270	2290/2535	2445/2590
Types,Chassis						
3.1	Tyre type,driving wheels /steering wheels			solid rubber	solid rubber	solid rubber
3.2	Tyre size, driving wheels			21X8-9	23X9-10	23X10-12
3.3	Tyre size, steering wheels			18X7-8	18X7-8	18X7-8
3.5	Wheels, number driving/steering (x=drive wheels)		mm	2X/2	2X/2	2X/2
3.6	Tread, Driving wheels	b ₁₀	mm	1017	1056	1075
3.7	Tread, Steering wheels	b ₁₁	mm	990	990	990
Dimensions						
4.1	Tilt of mast/fork carriage forward/backward	α / β (°)		5/ 7.5	5/ 7.5	5/ 7.5
4.2	Height, mast lowered	h ₁	mm	2195	2225	2225
4.3	Free lift (load backrest)	h ₂	mm	110	110	110
4.4	Lift height	h ₃	mm	3000	3000	3000
4.5	Height, mast extended	h ₄	mm	4120	4120	4120
4.7	Height of overhead guard (cabin)	h ₆	mm	2195	2225	2225
4.8	Seat height	h ₇	mm	1050	1150	1150
4.12	Tow center of pin height	h ₁₀	mm	630	630	630
4.19	Overall length	l ₁	mm	3405	3405	3405
4.20	Length to face of forks	l ₂	mm	2335	2335	2335
4.21	Overall width	b ₁ / b ₂	mm	1230	1256	1275
4.22	Fork dimensions	s/ e/ l	mm	40X120X1070	45x125x1070	45x125x1070
4.23	Fork carriage class/type A, B			2A	3A	3A
4.24	Fork carriage width	b ₃	mm	1120	1120	1120
4.31	Ground clearance, laden, below mast	m ₁	mm	110	110	110
4.32	The minimum ground clearance of frame	m ₂	mm	110	110	110
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	3670	3670	3670
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	3800	3800	3800
4.35	Turning radius	Wa	mm	1920	1920	1920
Performance data						
5.1	Travel speed, laden/ unladen		km/ h	14/14.5	14/14.5	14/14.5
5.2	Lifting speed, laden/ unladen		m/ s	0.25/0.35	0.25/0.35	0.25/0.35
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	13500	13500	13500
5.7	Gradeability, laden/unladen		%	—	—	—
5.8	Max. gradeability, laden/unladen		%	10.5/14.5	10.5/14.5	10.5/14.5
5.10	Service brake type			Hydraulic / Mechanical	Hydraulic / Mechanical	Hydraulic / Mechanical
	park brake type			Hydraulic	Hydraulic	Hydraulic
Electric-engine						
6.1	Drive motor rating S2 60 min		kW	2X4.8	2X10	2X10
6.2	Lift motor rating at S3 15%		kW	13	10	10
6.3	The maximum allowed size battery		mm	—	—	—
6.4	Battery voltage/nominal capacity K5			48/700(max1000)	80/500(max550)	80/500(max550)
6.5	Battery weight		kg	1160	1358	1358
Addition data						
8.1	Type of drive unit			AC	AC	AC
10.5	Steering type			—	—	—
10.7	Sound pressure level at the driver's ear		dB (A)	70	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.

Option



options	CPD15/18/20/25/30/35FVD8
Fork length	•
Folding fork	•
high capacity battery	•
Imported battery	•
Rubber solid tyre	•
No-mark solid tire	•
Cold storage (Apply to -20 C)	•
Lateral battery change	•
Fork weighing system	•
Customerized Overhead height	•
Mast lifting height	•
Attachment	•
Integrated side shift	•
proportion valve	•
LED Front working light	•
Rear working light	•
Warning light	•
fire extinguisher	•
Auto-filling water system	•
Suspension seat	•
Heater	•
Front window with wiper	•
Rear window with wiper	•
Full cabin	•
OPS	•
Special backrest	•
battery trolley for lateral battery extraction	•
FAN	•
Charger (220/380V)	•
Special modification for Drive-in Racking	•





CQD12R/RF

Electric Sit-down Reach Truck 1.2t

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

Electric Sit-down Reach Truck1.2t CQD12R/RF

Distinguishing mark				
1.1	Manufacturer			EP
1.2	Model designation			CQD12R/RF
1.3	Drive unit			Battery
1.4	Operator type			Seated
1.5	rated capacity	Q	t	1.2
1.6	Load center distance	c	mm	600
1.9	Wheelbase	y	mm	1355
Weight				
2.1	Service weight (include battery)		kg	2015 ^①
2.2	Axle loading, fork advanced, unladen driving side/loading side		kg	1027/985
2.3	Axle loading, fork retracted, unladen driving side/loading side		kg	1283/463
2.4	Axle loading, fork advanced, laden driving side/loading side		kg	391/2873
2.5	Axle loading, fork retracted, laden driving side/loading side		kg	1175/2089
Types,Chassis				
3.1	Tyre type driving wheels/loading wheels			polyurethane
3.2	Tyre size, driving wheels (diameter×width)		mm	Φ260×105
3.3	Tyre size, loading wheels (diameter×width)		mm	Φ285×95
3.4	Tyre size, caster wheels (diameter×width)		mm	Φ102×51
3.5	Wheels, number driving, caster/loading (x=drive wheels)			1, 2, 2
3.6	Track width, front,driving side	b ₁₀	mm	0
3.7	Track width,rear,loading side	b ₁₁	mm	894
Dimensions				
4.1	Tilt of mast/fork carriage forward/backward	α/β	°	2/4
4.2	Height, mast lowered	h ₁	mm	2065 ^②
4.3	Free lift (load backrest)	h ₂	mm	0 ^②
4.4	Lift height	h ₃	mm	3000 ^②
4.5	Height, mast extended	h ₄	mm	4000 ^②
4.7	Height of overhead guard (cabin)	h ₆	mm	1965
4.8	Seat height/standing height	h ₇	mm	930
4.90	Height of wheel arms	h ₈ (mm)	mm	310
4.19	Overall length (minimum)	l ₁	mm	2285 ^③
4.20	Length to face of forks	l ₂	mm	1215 ^③
4.21	Overall width	b ₁ /b ₂	mm	988/990
4.22	Fork dimensions	s/ e/ l	mm	40×100×1070
4.23	Fork carriage class/type A, B			A
4.24	Fork carriage width	b ₃	mm	956
4.25	Distance between fork-arms	b ₅	mm	200-650
4.26	Distance between wheel arms/loading surfaces	b ₄	mm	698
4.28	Reach distance	l ₄	mm	535 ^③
4.31	Ground clearance, laden, below mast	m ₁	mm	70
4.32	The minimum ground clearance of frame	m ₂	mm	60
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	2655 ^③
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2705 ^③
4.35	turning radius	Wa	mm	1570
4.37	Length across wheel arms (exclusive fork)	l ₇	mm	1715
Performance data				
5.1	Travel speed, laden/ unladen		km/ h	8/8.5
5.2	Lifting speed, laden/ unladen		m/ s	0.26/0.40
5.3	Lowering speed, laden/ unladen		m/ s	0.35/0.27
5.4	Reaching speed, laden / unladen		m/ s	0.1/0.1
5.8	Max. gradeability, laden/unladen		%	8/10
5.10	Service brake type			Electromagnetic
	Park brake type			Electromagnetic
Electric-engine				
6.1	Drive motor rating S2 60 min		kW	4
6.2	Lift motor rating at S3 15%		kW	8.2
6.3	The maximum allowed size battery		mm	980×335×600
6.4	Battery voltage/nominal capacity K5		V/ Ah	48V/320Ah
6.5	Battery weight		kg	520
Addition data				
8.1	Type of drive unit			AC
10.5	Steering type			Electronic
10.7	Sound pressure level at the driver's ear		dB (A)	75

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CQD16NRVF/CQD16NRV/CQD16RVF
CQD16RV/CQD20RVF/CQD20RV
Electric Sit-down Reach Truck 1.6/2.0t

- Up to 11M Stacking Height Makes It Possible to Carry Out Order Picking at High Position with Great Intensity;
- International Quality Components;
- Ergonomics Design, Comfortable and Efficient

Electric Reach Truck 1.6t

CQD16NRVF/CQD16NRV/CQD16RVF CQD16RV/CQD20RVF/CQD20RV

Distinguishing mark							
1.1	Manufacturer	EP					
1.2	Model designation	CQD16NRVF	CQD16NRV	CQD16RVF	CQD16RV	CQD20RVF	CQD20RV
1.3	Drive unit	Battery					
1.4	Operator type	Seated					
1.5	rated capacity	Q	t	1.6		2	
1.6	Load center distance	c	mm	600			
1.9	Wheelbase	y	mm	1454	1454 ^①	1524 ^①	
Weight							
2.1	Service weight (include battery)		kg	3070 ^②	2940 ^②	2945 ^②	
2.2	Axle loading, fork advanced, unladen driving side/loading side		kg	1700/1310			
2.3	Axle loading, fork retracted, unladen driving side/loading side		kg	1990/1020			
2.4	Axle loading, fork advanced, laden driving side/loading side		kg	820/3820			
2.5	Axle loading, fork retracted, laden driving side/loading side		kg	1640/3000			
Types,Chassis							
3.1	Tyre type driving wheels/loading wheels	Polyurethane					
3.2	Tyre size, driving wheels (diameter×width)		mm	343×140			
3.3	Tyre size, loading wheels (diameter×width)		mm	310×96	310×118 ^(a)		
3.4	Tyre size, caster wheels (diameter×width)		mm	/	/ ^(b)		
3.5	Wheels, number driving, caster/loading (x=drive wheels)			1x, 2	1x, 2 ^(b)		
3.6	Track width, front,driving wheels	b ₁₀	mm	0	0		
3.7	Track width,rear,loading wheels	b ₁₁	mm	1106	1148 ^(a)		
Dimensions							
4.1	Tilt of mast/fork carriage forward/backward	α/β	°	2/4			
4.2	Height, mast lowered	h ₁	mm	2130 ^③			
4.3	Free lift (load backrest)	h ₂	mm	120 ^③			
4.4	Lift height	h ₃	mm	3000 ^③			
4.5	Height, mast extended	h ₄	mm	4065 ^③			
4.7	Height of overhead guard (cabin)	h ₆	mm	2210			
4.8	Seat height/standing height	h ₇	mm	1200			
4.10	Height of wheel arms	h ₈ (mm)	mm	330			
4.19	Overall length (minimum)	l ₁	mm	2502 ^①	2470 ^①		
4.20	Length to face of forks	l ₂	mm	1432 ^①	1400 ^①		
4.21	Overall width	b ₁ / b ₂	mm	1192/1202	1260/1270 ^(a)		
4.22	Fork dimensions	s/ e/ l	mm	40×100×1070		40×120×1070	
4.23	Fork carriage class/type A, B		mm	A			
4.24	Fork carriage width	b ₃	mm	990			
4.25	Distance between fork-arms	b ₅	mm	200/770		240/740	
4.26	Distance between wheel arms/loading surfaces	b ₄	mm	899	915		
4.28	Reach distance	l ₄	mm	475 ^①	520 ^①		
4.31	Ground clearance, laden, below mast	m ₁	mm	70			
4.32	Ground clearance, center of wheelbase	m ₂	mm	70 [@]			
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	2850 ^①	2827 ^①	2842 ^①	
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2918 ^①	2891 ^①	2893 ^①	
4.35	turning radius	Wa	mm	1705	1705 ^①	1770 ^①	
4.37	Length across wheel arms (exclusive fork)	l ₇	mm	1865	1865 ^①	1935 ^①	
Performance data							
5.1	Travel speed, laden/ unladen		km/ h	10/11		9/9.5	
5.2	Lifting speed, laden/ unladen		m/ s	0.34/0.45		0.28/0.42	
5.3	Lowering speed, laden/ unladen		m/ s	0.31/0.33		0.3/0.33	
5.4	Reaching speed, laden / unladen		m/ s	0.9/0.9			
5.8	Max. gradeability, laden/unladen		%	10/15			
5.10	Service brake type	Electromagnetic			Electromagnetic		
	Park brake type				Electromagnetic		
Electric-engine							
6.1	Drive motor rating S2 60 min		kW	6.4			
6.2	Lift motor rating at S3 15%		kW	11	11	13	
6.3	The maximum allowed size battery		mm	1120×387×778	1220×355×778	1220×427×778	
6.4	Battery voltage/nominal capacity K5		V/ Ah	48/500 ^④			
6.5	Battery weight		kg	820 ^④	925 ^④	925 ^④	
Addition data							
8.1	Type of drive unit				AC		
10.5	Steering type				Electronic		
10.7	Sound pressure level at the driver's ear		dB (A)	75			

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2.The parameters are subject to change without notice.

