



CQD15S

Electric Stand-up Reach Truck 1.5t

- Best Choice for Stacking in Narrow Aisles & High Racking;
- Stand-on Operation Provides Broader View;
- Electric Power Steering Control, Comfortable and Efficient

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

Electric Reach Truck 1.5t

CQD15S

Distinguishing mark			
1.1	Manufacturer		EP
1.2	Model designation		CQD15S
1.3	Drive unit		Battery
1.4	Operator type		standing
1.5	rated capacity	Q t	1.5
1.6	Load center distance	c mm	600
1.9	Wheelbase	y mm	1504
Weight			
2.1	Service weight (include battery)	kg	2370 ①
2.2	Axle loading, fork advanced, unladen driving side/loading side	kg	1229/1230
2.3	Axle loading, fork retracted, unladen driving side/loading side	kg	1621/846
2.4	Axle loading, fork advanced, laden driving side/loading side	kg	490/3445
2.5	Axle loading, fork retracted, laden driving side/loading side	kg	1510/2416
Types,Chassis			
3.1	Tyre type driving wheels/loading wheels		polyurethane
3.2	Tyre size, driving wheels (diameter×width)	mm	260×105
3.3	Tyre size, loading wheels (diameter×width)	mm	254×114
3.4	Tyre size, caster wheels (diameter×width)	mm	178×73
3.5	Wheels, number driving , caster/loading (x=drive wheels)		1, 2, 2
3.6	Track width, front,driving side	b ₁₀ mm	700
3.7	Track width,rear,loading side	b ₁₁ mm	974
Dimensions			
4.1	Tilt of mast/fork carriage forward/backward	α/β °	2/4
4.2	Height, mast lowered	h ₁ mm	2050 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	3860 ②
4.7	Height of overhead guard (cabin)	h ₆ mm	2235
4.8	Seat height/standing height	h ₇ mm	335
4.10	Height of wheel arms	h ₈ (mm) mm	280
4.19	Overall length (minimum)	l ₁ mm	2335 ③
4.20	Length to face of forks	l ₂ mm	1265 ③
4.21	Overall width	b ₁ / b ₂ mm	1078/1090
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	830
4.25	Distance between fork-arms	b ₅ mm	200-620
4.26	Distance between wheel arms/loading surfaces	b ₄ mm	750
4.28	Reach distance	l ₄ mm	665 ③
4.31	Ground clearance, laden, below mast	m ₁ mm	70
4.32	The minimum ground clearance of frame	m ₂ mm	70
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast mm	2745 ③
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast mm	2770 ③
4.35	turning radius	Wa mm	1765
4.37	Length across wheel arms (exclusive fork)	l ₇ mm	1912
Performance data			
5.1	Travel speed, laden/ unladen	km/ h	8.5/9
5.2	Lifting speed, laden/ unladen	m/ s	0.26/0.45
5.3	Lowering speed, laden/ unladen	m/ s	0.45/0.43
5.4	Reaching speed, laden / unladen	m/ s	0.083
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	1030×353×784
6.4	Battery voltage/nominal capacity K5	V/ Ah	48V/420Ah ④
6.5	Battery weight	kg	739 ④
Addition data			
8.1	Type of drive unit		AC
10.5	Steering type		Electroni
10.7	Sound pressure level at the driver's ear	dB (A)	75

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.



options	CQD15S
High capacity battery	● 345/360/420/450/465Ah
lateral battery change	●
Cold storage (Apply to -20℃)	●
Side shift	●
Front working light	●
Beeper	●
Fire extinguisher	●
Water auto-filling system	●



① Service weight (include battery)

Mast height (mm)	Service weight (kg)	Mast height (mm)	Service weight (kg)
2-stage mast		3-stage mast	
2700	2345	4000	2510
3000	2370	4500	2540
3300	2395	5000	2570
3640	2420	5500	2600
4000	2445	6000	2630
4300	2470	6500	2660

④ Battery

Capacity (Ah)	Battery weight (kg)
345	560
360	620
420	739
450	739
465	739

② Mast

without side shift					
CQD15S 2-stage mast					
Lift height	Lowered mast height	Extended mast height			
h3	h1	h4	h4(*)		
2700	1900	3560	3266		
3000	2050	3860	3566		
3300	2200	4160	3866		
3640	2370	4500	4206		
4000	2550	4860	4566		
4300	2700	5160	4866		
CQD15S 3-stage mast					
Lift height	Lowered mast height	Free lift	Extended mast height		
h3	h1	h2	h2(*)	h4	h4(*)
4000	1930	1060	1060	4860	4700
4500	2100	1240	1240	5360	5200
5000	2270	1400	1400	5860	5700
5500	2440	1580	1580	6360	6200
6000	2610	1740	1740	6860	6700
6500	2780	1920	1920	7360	7200

note: (*) for without backrest

with side shift					
CQD15S 2-stage mast					
Lift height	Lowered mast height	Extended mast height			
h3	h1	h4	h4(*)		
2700	1900	3735	3266		
3000	2050	4035	3566		
3300	2200	4335	3866		
3640	2370	4675	4206		
4000	2550	5035	4566		
4300	2700	5335	4866		
CQD15S 3-stage mast					
Lift height	Lowered mast height	Free lift		Extended mast height	
h3	h1	h2	h2(*)	h4	h4(*)
4000	1930	895	1060	5035	4700
4500	2100	1065	1240	5535	5200
5000	2270	1235	1400	6035	5700
5500	2440	1405	1580	6535	6200
6000	2610	1575	1740	7035	6700
6500	2780	1745	1920	7535	7200

note: (*) for without backrest

③ Dimensions (mm)

		without side shift		with side shift	
		2-stage mast	3-stage mast	2-stage mast	3-stage mast
Overall length (minimum)	I_1	2335	2357	2370	2392
Length to face of forks	I_2	1265	1287	1300	1322
Reach distance	I_4	665		630	
Aisle width for pallets 1000 × 1200 crossways	A_{st}	2745	2760	2763	2783
Aisle width for pallets 800 × 1200 lengthways	A_{st}	2770	2790	2801	2820
Aisle width for pallets 1000 × 1200 lengthways	A_{st}	2825	2843	2853	2872
Aisle width for pallets 800 × 1200 crossways	A_{st}	2635	2645	2651	2662

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