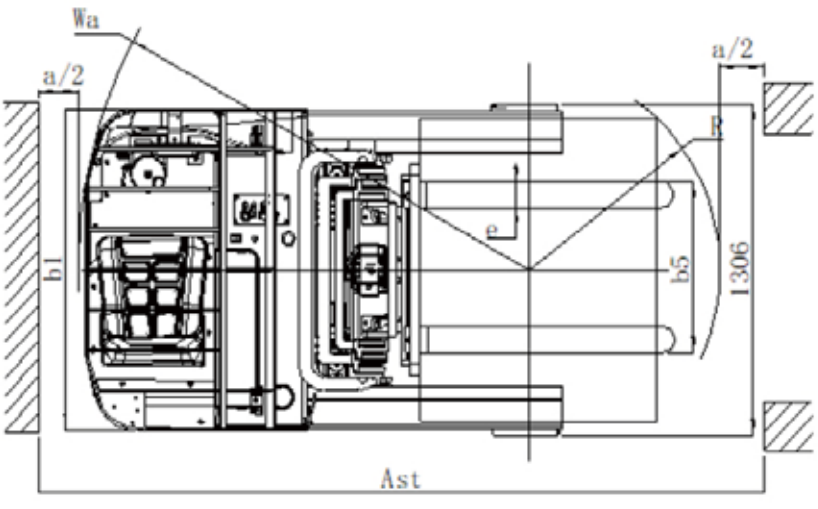
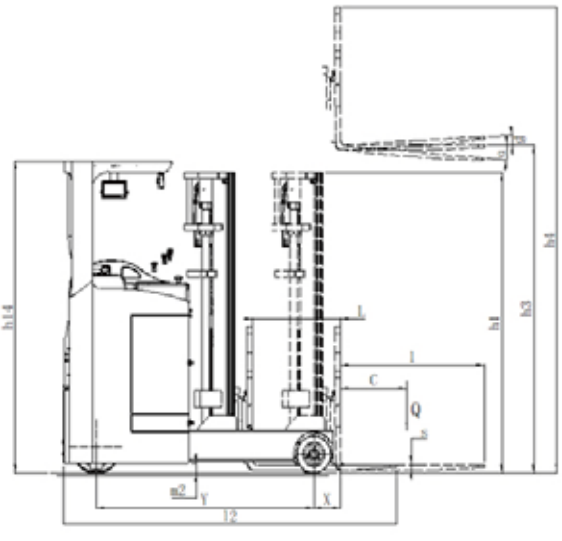
48V SEAT TYPE
ELECTRIC REACH TRUCK



SHUNCHA CE

Parameters							
1.1	Model		CQD-15R	CQD-20R	CQD-25R	CQD-30R	CQD-20H
1.2	Power Type		Electric	Electric	Electric	Electric	Electric
1.3	Operation Mode		Seat type	Seat type	Seat type	Seat type	Seat type
1.4	Load Capacity	Q(kg)	1500	2000	2500	3000	2000
1.5	Load Center	C(mm)	500	500	500	500	500
1.6	Front Overhang	X(mm)	183	183	183	183	183
1.7	Wheelbase	Y(mm)	1470	1620	1620	1650	1650
1.8	Reach Distance	L(mm)	505	655	515	610	610
Weight							
2.1	Service Weight（With Battery）	kg	3100	3200	3900	4300	5390
Wheels & Base							
3.1	Wheel Type		PU	PU	PU	PU	PU
3.2	Front Wheel	⌀×w(mm)	267*114	267*114	267*114	280*135	267*114
3.3	Driving Wheel	⌀×w(mm)	382*142	382*142	382*142	382*142	382*142
3.5	Front Wheelbase	b10(mm)	1180	1180	1180	1329	1329
Dimensions							
4.1	Mast Height,Lowered	h1(mm)	2105	2105	3550	2485	5135
4.2	Free Lift	h2(mm)	1500	1500	2660	1500	4020
4.3	Lifting Height	h3(mm)	4500	4500	8000	4500	12000
4.4	Height,mast entended	h4(mm)	5465	5465	8965	5515	12995
4.5	Height of Overhead Guards	h14(mm)	2180	2180	2180	2180	2180
4.6	Fork Clearance when Mast Lowered	h13(mm)	35	40	45	45	40
4.7	Mast/Fork Title Angle	α/β（°）	3/5	3/5	3/5	3/5	3/5
4.8	Overall Length（With Fork）	l2(mm)	2477	2477	2477	2565	2565
4.9	Overall Width	b1(mm)	1270	1270	1270	1270/1460	1270/1460
4.10	Fork Size	s/e/l(mm)	35/100/1070	40/122/1070	45/125/1070	45/125/1070	40/122/1070
4.11	Fork Spread	b5(mm)	210-705	244-705	244-705	270-840	260-840
4.12	Min. Ground Clearance	m2(mm)	70	70	70	70	70
4.13	Aisle Width for Pallet 1000*1200 crossways	Ast(mm)	2964	3007	3007	3110	3010
4.14	Min. Turning Radius	Wa(mm)	1800	1900	1900	1922	1922
Performance							
5.1	Max. Travel Speed (Unladen/Laden)	km/h	14/14	14/14	10/8	12/10	14/14
5.2	Lifting Speed (Unladen/Laden)	m/s	0.330/0.245	0.450/0.340	0.340/0.220	0.300/0.200	0.450/0.340
5.3	Lowering Speed (Unladen/Laden)	m/s	0.350/0.380	0.360/0.420	0.330/0.400	0.300/0.380	0.360/0.420
5.4	Max. gradeability (Unladen/Laden)	%	≤10	≤10	≤10	≤10	≤10
5.5	Service Brake		Electromagnetic	Electromagnetic	Electromagnetic	Electromagnetic	Electromagnetic
Motor & Battery							
6.1	Drive Motor	kw	6.5AC	6.5AC	8AC	8AC	6.5AC
6.2	Lift Motor	kw	7.5AC	12AC	15AC	15AC	15AC
6.3	Battery Type		Lead-acid battery	Lead-acid battery	Lead-acid battery	Lead-acid battery	Lead-acid battery
6.4	Battery voltage/nominal capacity	V/Ah	48V/300Ah	48V/400Ah	48V/500Ah	48V/400Ah	48V/400Ah
6.5	Charger	V/A	48V/40A	48V/50A	48V/50A	48V/50A	48V/50A
Other							
7.1	Type of drive control		AC	AC	AC	AC	AC
7.2	Sound level at the driver's ear acc. to EN12053	dB(A)	75	75	75	75	75





CQD-15R 3-stage full free mast				
Max. lifting height	Folded mast height	Free lift	Max. overall height	Load capacity
4000	1930	1330	1965	1500
4500	2105	1500	5465	1500
5000	2280	1660	5965	1500
5500	2450	1820	6465	1500
6000	2620	1980	6965	1350
6500	2790	2140	7465	1200
7000	3210	2320	7965	1100
7500	3380	2500	8465	1000

CQD-15R 2-stage mast				
Max. lifting height	Folded mast height	Free lift	Max. overall height	Load capacity
3000	2100	/	3577.5	1500
3500	2350	/	4077.5	1500
4000	2600	/	4577.5	1500
4500	2850	/	5077.5	1500

CQD-20H 3-stage full free mast				
Max. lifting height	Folded mast height	Free lift	Max. overall height	Load capacity
3700	2216	1230	4695	2000
4000	2316	1330	4995	2000
4500	2486	1520	5495	2000
5000	2656	1680	5995	2000
5500	2826	1840	6495	2000
6000	2996	2000	6995	2000
6500	3166	2160	7495	2000
7000	3336	2320	7995	2000
7500	3506	2500	8495	1900
8000	3666	2660	8995	1800
8500	3830	2830	9495	1600
9000	3995	3000	9995	1300
9500	4210	3170	10495	1250
10000	4375	3340	10995	1100
10500	4590	3510	11495	1000
11000	4755	3680	11995	800
11500	4970	3850	12495	600
12000	5135	4020	12995	400

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CQD-20R 3-stage full free mast				
Max. lifting height	Folded mast height	Free lift	Max. overall height	Load capacity
4000	1930	1330	4965	2000
4500	2105	1500	5465	2000
5000	2280	1660	5965	1900
5500	2450	1820	6465	1800
6000	2620	1980	6965	1650
6500	2790	2140	7465	1500
7000	3210	2320	7965	1400
7500	3380	2500	8465	1300
8000	3550	2660	8965	950

CQD-20R 2-stage mast				
Max. lifting height	Folded mast height	Free lift	Max. overall height	Load capacity
3000	2100	/	3577.5	2000
3500	2350	/	4077.5	2000
4000	2600	/	4577.5	2000
4500	2850	/	5077.5	2000

CQD-30R 3-stage full free mast				
Max. lifting height	Folded mast height	Free lift	Max. overall height	Load capacity
4000	2320	1370	4990	3000
4500	2485	1540	5490	3000
5000	2650	1740	5990	3000
5500	2775	1966	6490	2900
6000	2945	2090	6990	2800
6500	3190	2260	7490	2500
7000	3450	2530	7990	2300

CQD-25R 3-stage full free mast				
Max. lifting height	Folded mast height	Free lift	Max. overall height	Load capacity
4000	2180	1330	4965	2500
4500	2350	1500	5465	2500
5000	2530	1660	5965	2500
5500	2700	1820	6465	2500
6000	2870	1980	6965	2450
6500	3040	2140	7465	2300
7000	3210	2320	7965	2150
7500	3380	2500	8465	2000
8000	3550	2660	8965	1820

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CQD-25R 2-stage mast				
Max. lifting height	Folded mast height	Free lift	Max. overall height	Load capacity
3000	2360	/	3577.5	2500
3500	2600	/	4077.5	2500
4000	2850	/	4577.5	2500
4500	3100	/	5077.5	2500

CQD-30R 2-stage mast				
Max. lifting height	Folded mast height	Free lift	Max. overall height	Load capacity
3000	2280	/	3980	
3500				
4000				
4500				
5000				
5500				

