

STAND TYPE ELECTRIC REACH STACKER

CQDH16A
CQDH16A-III
CQDH20A



MAST INFORMATION

CQDH16A Duplex Mast					
Lift height h3 (mm)	Mast Lowered Height h1 (mm)	Free Lift h2(mm)	Mast Extended Height h4(mm)	Tilt Angle α/β (°)	Remark
2000	1515	0	2912	1/5	
2300	1665	0	3212	1/5	
2500	1765	0	3412	1/5	
2700	1865	0	3612	1/5	
3000	2015	0	3912	1/5	
3300	2165	0	4212	1/5	
3500	2265	0	4412	1/5	
3700	2365	0	4612	1/5	
4000	2565	0	5012	1/5	

CQDH16A/20A Triple Mast with Free Lift					
Lift height h3 (mm)	Mast Lowered Height h1 (mm)	Free Lift h2(mm)	Mast Extended Height h4(mm)	Tilt Angle α/β (°)	Remark
3500	1630	870	4350	1/5	
3700	1730	970	4550	1/5	
4000	1830	1070	4850	1/5	
4300	1930	1170	5150	1/5	
4500	1980	1220	5350	1/5	
5000	2130	1370	5850	1/5	
5300	2230	1470	6150	1/5	
5500	2330	1570	6350	1/5	
6000	2530	2030	6850	1/5	

CQDH16A/CQDH16A-III/CQDH20A ELECTRIC REACH STACKER SPECIFICATION

1	Model		CQDH16A	CQDH16A-III	CQDH20A	
2	Operating type		Stand-on	Stand-on	Stand-on	
3	Power type		Electric	Electric	Electric	
4	Load Capacity	kg	1600	1600	2000	
5	Load Center	c(mm)	500	500	500	
6	Wheel Type		Polyurethane	Polyurethane	Polyurethane	
7	Wheelbase	y(mm)	1325	1425	1475	
8	Driving wheel size	mm	Φ230×75	230×75	230×75	
9	Balance wheel size	mm	Φ140×60	140×60	140×60	
10	Bearing wheel size	mm	Φ210×85	210×85	210×85	
11	Wheels number, front/rear (x=driven wheels)		1x-2/2	1x-2/2	1x-2/2	
12	Thread, rear	mm	985	985	985	
13	Lowered mast height	h1(mm)	2015	1980	2015	
14	Max.lifting height	h3(mm)	3000	4500	2500	
15	Extended mast height	h4(mm)	3912	5350	3412	
16	Free lift height	h2(mm)	/	1220	/	
17	Overall length	L1(mm)	2248	2348	2398	
18	Overall width	b1(mm)	1090	1090	1090	
19	Reach distance	L3(mm)	590	590	590	
20	Fork dimensions	s/e/l(mm)	40/100/1070	40/100/1070	40/100/1070	
21	Width over forks	b3(mm)	215-754	215-754	215-754	
22	Aisle width, with pallet 1000x1200 crosswise	Ast(mm)	2652/2972	2752/3072	2802/3122	
23	Aisle width, with pallet 800x1200 lengthwise	Ast(mm)	2682/3002	2785/3102	2832/3152	
24	Ground clearance	h5 (mm)	40	40	40	
25	Turning radius(foot pedal fold/unfold)	Wa(mm)	1658/1978	1758/2078	1808/2128	
26	Speed	Travel (Laden/unladen)	km/h	5/6	5/6	5/6
27		Lifting (Laden/unladen)	mm/s	90/120	90/120	90/120
28		Falling(Laden/unladen)	mm/s	120/85	120/85	120/85
29	Max.Gradeability	(Laden/unladen)	%	/	/	/
30	Service Weight (include battery)	kg	2323	2562	2369	
31	Service brake		Electromagnetic	Electromagnetic	Electromagnetic	
32	Motor	Driven Motor	kw	1.5	1.8	1.8
33		Lift Motor	kw	3	3	3
34		Steering motor	kw	/	/	/
35	Battery	Voltage/noinal capacity	V/Ah	24/240	24/240	24/270
36		Weight	kg	240	240	270

Max.Load Capacity

