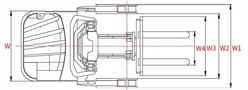
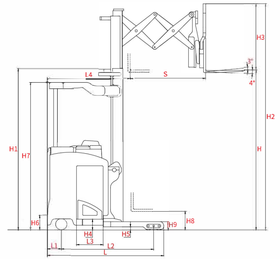
WIDE VIEW FULL FREE 3-STAGE MAST

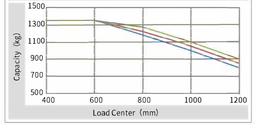
Mast model	Fork Height(mm)	Free lift (mm)	Mast height (mm)	Load Capacity(kg)			Service Weight,Unit(kg)		
	CQD14X2-GA2R CQD14X2-GB2R CQD14X2-GC2R	CQD14X2-GA2R CQD14X2-GB2R CQD14X2-GC2R	CQD14X2-GA2R CQD14X2-GB2R CQD14X2-GC2R	CQD14X2 -GA2R	CQD14X2 -GB2R	CQD14X2 -GC2R	CQD14X2 -GA2R	CQD14X2 -GB2R	CQD14X2 -GC2R
ZSM502	5025	1390	2426	1350	1350	1350	3580	3748	3904
ZSM533	5330	1490	2526	1350	1350	1350	3600	3768	3924
ZSM610	6095	1745	2781	1200	1200	1200	3670	3838	3994
ZSM685	6855	2000	3036	1000	1000	1000	3720	3888	4044
ZSM762	7620	2285	3321	800	900	900	3790	3958	4114

AST:Right angle stacking aisle width
a:Clearance a=150mm





Load Curve



CQD14X2-GA2R CQD14X2-GB2R CQD14X2-GC2R

NOTE:The vertical axis is the load capacity,and the horizontal axis is the load center which is calculated from the front face of the forks to the load center of gravity.Capacity curves shown are for a standard mast at zero degree tilt with standard forks.Changing mast tilt,using non-standard forks or loading large goods can affect load capacity.This chart can be used to estimate load capacity at various load centers for standard masts.Contact HELI for cpecific load ratings for your situation.

RENEWABLE ENERGY TECHNOLOGIES

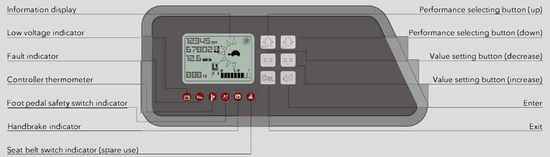
With the use of the excellent load-sensing steering system and AC controlling renewable energy technologies, the forklift is more energy-saving and the working hour of the battery is extended by 15%.

15%

Certifications:These HELI models are CE&CQC certified and also meet all requirements of ANSI B56.1-2012 and OSHA Regulation 29CFR1910.178.All dimensional and performance specifications shown are for reference and subject ti change without notice.

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MANUFACTURER'S DATA AND DESIGN CHARACTERISTICS

	Characteristics					
1.01	Manufacturer			HELI		
1.02	Model			CQD14X2	CQD14X2	CQD14X2
1.03	Configuration number			GA2R	GB2R	GC2R
1.04	Load capacity	Q	kg	1350	1350	1350
1.05	Load center distance	C	mm	600	600	600
1.06	Power model			Battery	Battery	Battery
1.07	Driving model			Stand-on	Stand-on	Stand-on
1.08	Wheel base	L2	mm	1557	1593	1655
1.09	Voltage		V	36/48	36/48	36/48
	Tyre					
2.01	Tyre type			Polyurethane	Polyurethane	Polyurethane
2.02	Wheel number(x=drive/load),caster wheel			1 × /4/2	1 × /4/2	1 × /4/2
2.03	Wheel size,load		mm	Φ127 × 95	Φ127 × 95	Φ127 × 95
2.04	Wheel size,drive		mm	Φ330 × 140	Φ330 × 140	Φ330 × 140
2.05	Wheel size,caster		mm	Φ178 × 76	Φ178 × 76	Φ178 × 76
	Dimensions					
3.01	Lift height	H	mm	5330	5330	5330
3.02	Free lift	H8	mm	2526	2526	2526
3.03	Mast height,lowered	H1	mm	1490	1490	1490
3.04	Fork size,thickness/width/length	s/e/l	mm	35 × 100 × 920	35 × 100 × 920	35 × 100 × 920
3.05	Fork adjusting width	W4	mm	244~724	244~724	244~724
3.06	Tilt		°	3° /4°	3° /4°	3° /4°
3.07	Fork sideshifting		mm	±50	±50	±50
3.08	Truck body length(fork excluded)	L	mm	1954	1990	2052
3.09	Truck body width	W	mm	1090	1090	1090
3.10	Straddle leg, inside width	W2	mm	845~1272	845~1272	845~1272
3.11	Straddle leg, outside width	W1	mm	1137~1564	1137~1564	1137~1564
3.12	Fork carriage width	W3	mm	842	842	842
3.13	Reach distance	S	mm	1080	1080	1080
3.14	Height of overhead guard	H7	mm	2320	2320	2320
3.15	Battery bottom clearance	H4	mm	180	180	180
3.16	Straddle clearance	H5	mm	50	50	50
3.17	Straddle height	H9	mm	130	130	130
3.18	Step height	H6	mm	250	250	250
3.19	Minimum turning radius	Wa	mm	1838	1874	1936
3.20	Drive wheel center to truck body rear distance	L1	mm	252	252	252
3.21	Fork front to truck body rear distance	L4	mm	1529	1565	1627
3.22	Aisle width with pallet 1200Lx1200w	Ast	mm	2935	2971	3033
3.23	Aisle width with pallet 1000Lx1000w	Ast	mm	2713	2749	2811
	Performance					
4.01	Travelling speed,with/without load		km/h	10/11	10/11	10/11
4.02	Lifting speed,with/without load		mm/s	330/520	330/520	330/520
4.03	Lowering speed,with/without load		mm/s	500/500	500/500	500/500
4.04	Reach speed,with/without load		mm/s	110/150	110/150	110/150
4.05	Maximum climb capability,with/without load		%	10/15	10/15	10/15
	Weight					
5.01	Total weight(without battery)		kg	2750	2770	2790
5.02	Axle loading, no load (front/rear)		kg	1379/2221	1443/2325	1530/2394
5.03	Axle loading, loaded (front/rear)		kg	3010/1940	3112/2006	3164/2110
	Battery					
6.01	Battery voltage/capacity k5		V/Ah	36/770,48/550	36/880,48/660	36/990,48/770
6.02	Minimum battery weight		kg	1066	1270	1406
6.03	Minimum battery weight		kg	839	998	1134
6.04	Battery department size		mm	1005x428x810	1005x465x810	1005x527x810
	Motor and controller					
7.01	Driving motor power		kw	7	7	7
7.02	Lifting motor power		kw	15	15	15
7.03	Steering motor power		kw	0.6	0.6	0.6
7.04	Type of driving control			MOSFET/AC	MOSFET/AC	MOSFET/AC
7.05	Type of lifting control			MOSFET/AC	MOSFET/AC	MOSFET/AC
7.06	Type of steering control			MOSFET/AC	MOSFET/AC	MOSFET/AC
7.07	Transmission box			HELI special	HELI special	HELI special
7.08	Service brake			Electric	Electric	Electric
7.09	Parking Brake			Automatic	Automatic	Automatic
7.10	Hydraulic systemm working pressure		Mpa	21	21	21

NOTE: For detailed information about battery,please contact your authorized HELI dealer.
These are "Zero Clearance" aisles in the table and require an additional 150mm or more to be added to provide for easier maneuvering.