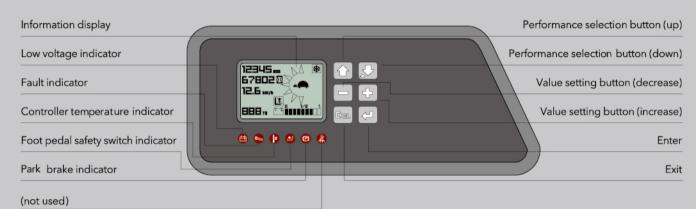


ZAPI intelligent display provides vital information such as speed and battery discharge status and is used to customize performance parameters



ZAPI intelligent display

Optional

Fork extension

Other battery

Monitoring system

Italy FAAM battery

Battery charger

Custom paint

Lifting height pre-selector

Operator protection guard

Germany HOPPECKER battery

Three-stage full free lift mast(other lifting height)

Standard configuration

AC travelling motor AC lifting motor

AC steering motor

ZAPI travelling motor controller

ZAPI lifting motor controller

ZAPI steering motor controller

Electromagnetic brake

DC/DC conventer

Low noise gear pupm

Electromagnetic proportional valve

5330mm(218 in.) three stage full free lift mast integral pantograph

Standard fork

Overhead guard

Load backrest

Polyurethane tire LED combined display

Front work light

LED warning light Automatic steering slow down device

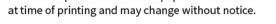
Automatic Packing brake

Operator's tool kit

Adjustable armrest

Adjustable backrest

* Details of specifications and equipment are based on information available



ADD: NO.668 Fangxing Street, Economical Development Zone, Hefei, P.R. China TEL: (86 551)63639068 (America) 63639258 (Europe) 63639358 (Asia) 63662105 (Africa & Middle East) 63639530 (Warehouse Equipment) 63639531 (Wheel loader)

ANHUI HELI CO., LTD.

FAX: (86 551)63639966 WEBSITE: http://www.helichina.net Email: heli@helichina.net

AUTHORIZED DEALER

Catalog No.20201127 Fokeli Print

HELI

3000lbs CQD14X2

36/48V Reach Truck **G Series AC Electric**





G SERIES 3000lbs





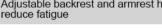












> Adjustable backrest and armrest help reduce fatique

Operator comfort

- > Multifunction control is ergonomically designed and easy to
- > All controls are within easy reach to help reduce body
- > Compartment floor is angled and spring suspended to reduce leg and back strain

Safety

- Side stance improves operator's visibility both forward and
- Automatic park brake applies when operator leaves the compartment or shuts forklift off

Bolt on outrigger boxes and easy change load wheels

- > Programmable automatic deceleration in turns adds to safe
- Warning lights and OPS system come standard

Working efficiency

- > Small turning radius makes steering flexible and easy
- > With ZAPI control and AC powered motors, drive and lift systems can be programmed for maximum efficiency and performance
- The large battery capacity for longer single shift work
- With standard battery roller and side removal, batterychange is quick and easy

Wide view mast and pantograph

- Comes standard with side shift, tilt and reach functions
- > Wide-view mast and pantograph maximize operator's
- Lift cylinders have end stroke cushions for smooth
- > ZAPI controller provides in transit buffers to ensure smooth lifting and lowering throughout the lifting cycle
- > The controller also provides in-transit and end storke buffer for the reach function

Improved operator's view

- > Large, rounded overhead guard is stylish and combined with stragetically angled bars provides maximium visibility
- Newly designed, wide view mast with special chains enlarges the operator's view looking forward

Energy efficiency

- > With an optimized hydraulic system, truck is more energy
- > All LED lights saves 80% of lighting energy
- Regenerative motor braking recycles more energy during braking cycles
- > Programmable speed and acceleration settings can be set for maximum energy efficiency

Serviceability

- > Side door gives easy access to drive motor and gearbox Chassis components are well laid-out and can be
- > accessed with removable top and front covers

Overhead quard

- Overhead guard attaches directly to mast to eliminate front guard legs
- Optimally designed for maximum operator visibility
- Standard with left side guard leg for added strength
- Optional opertor compartment guard leg for added safety



G series 3000lbs

Heli's New Reach Trucks

Designed for productivity



ZAPI smart display & multi-function joystick

Designed for safety



Standard lights, mesh finger guard & overhead guard with leg

Designed for serviceabilty



Easy to remove covers to access all electric and hydraulic components



Manufacturer's Data and Design Characteristics		-	-									
Characteristics												
1 Manufacturer						HE	-L1					
2 Model				COL	014X2	CQD		CQD14X2				
3 Configuration number					A2R	GB		GC2R				
4 Load capacity	Q	lb	kg	3000	1350	3000	1350	3000 1350				
5 Load center distance	С	in	mm	24	600	24	600	24	600			
6 Power model				Electric		Elec		Electric				
7 Driving model				Stand		Sta	and	Stand				
3 Wheel base	L2	in	mm	61.3 1557		62.7	1593	65.2	1655			
Voltage Voltage		v	V	36		3	6	30	6			
Tire												
1 Tyre type				PU		P	_	PU				
Wheel nuber,drive/load/caster(X=drive wheel)					/4/2	1×/-		1×/4/2				
Wheel size,load		in	mm	Φ5×3.7 Φ127×95		Φ5×3.7	Φ127×95	Φ5×3.7 Φ127×95				
Wheel size,drive		in	mm	Φ13×5.5	Ф330×140	Φ13×5.5	Ф330×140	Φ13×5.5	Ф330×140			
Wheel size, caster		in	mm	Φ7.4×3	Φ178×76	Φ7.4×3	Φ178×76	Φ7.4×3	Ф178×76			
Dimensions						1		1				
Lift height	H	in	mm	210	5330	210	5330	210	5330			
Pree lift	H1	in	mm	99	2526	99	2526	99	2526			
Mast height lowered	H8	in	mm	59	1490	59	1490	59	1490			
Fork size, htickness/width/length	s/e/l	in	mm	1.4×3.9×36.2	35×100×920	1.4×3.9×36.2	35×100×920	1.4×3.9×36.2	35×100×920			
Fork adjusting width	W4	in	mm	9.6~28.5	244~724 7/4°	9.6~28.5 3°/	244~724	9.6~28.5	244~724			
5 Tilt		deg	deg					3°/4°				
7 Fork sideshifting 8 Truck body length(fork excluded)		in	mm	±2	±50	±2	±50	±2	±50			
Truck body length(lork excluded) Truck body width	W	in	mm	77	1954	78	1990	81	2052			
Fork carriage width	W3	in in	mm	42.9	1090 842	42.9 33	1090 842	42.9	1090 842			
Reach distance	S	in	mm	33 43	1080	43	1080	33 43	1080			
Height of overhead guard	H7	in	mm	91	2320	91	2320	91	2320			
Battery bottom clearance	H4	in	mm	7.1	180	7.1	180	7.1	180			
Straddle clearance	H5	in	mm	2	50	2	50	2	50			
Straddle height	H9	in	mm	5.1	130	5.1	130	5.1	130			
5 Step height	H6	in	mm	9.8	250	9.8	250	9.8	250			
7 Minimum turning radius	Wa	in	mm	72	1838	74	1874	76	1936			
B Drive wheel center to truck body rear distance	L1	in	mm	9.9	252	9.9	252	9.9	252			
Fork front to truck body rear distance	L4	in	mm	60	1529	62	1565	64	1627			
Aisle width with pallet 1200Lx1200w	Ast	in	mm	116	2935	117	2971	119	3033			
Aisle width with pallet 1000Lx1000w	Ast	in	mm	107	2713	108	2749	111	2811			
Performance												
Travelling speed, with/without load		mph	km/h	6.2/6.8	10/11	6.2/6.8	10/11	6.2/6.8	10/11			
Lifting speed, with/without load		fpm	mm/s	65/102	330/520	65/102	330/520	65/102	330/520			
Lowering speed, with/without load		fpm	mm/s	98/98	500/500	98/98	500/500	98/98	500/500			
Reach speed, with/without load		fpm	mm/s	22/30 110/150		22/30	110/150	22/30	110/150			
Maximum climb capability, with/without load		%	%	10/15		10/	15	10/15				
Weight												
Total weight(without battery)		lb	kg	6063	2750	6107	2770	6151	2790			
Axle loading, no load (fornt/rear)		lb	kg	3040/4897	1379/2221	3182/5125	1443/2325	3374/5277	1530/2394			
Axle loading, loaded (fornt/rear)		lb	kg	6635/4278	3010/1940	6860/4423	3112/2006	6976/4651	3164/2110			
Battery												
Battery voltage/capacity k5		kwh	Ah	32.6	930	38.1	1085	43.5	1240			
Minimum battery weight		lb	kg	2350	1066	2800	1270	3100	1406			
Minimum battery weight		lb :-	kg	1850	839	2200	998	2500	1134			
Battery department size Motor and controller		in	mm	39.5×16.8×31.8	1005x428x810	39.5×18.3×31.8	1005x465x810	39.5×20.7×31.8	1005x527x810			
Driving motor power		HP	kw	0.4	7	0.4	7	0.4	7			
		HP	kw	9.4 20.1	15	9.4 20.1	15	9.4 20.1	15			
2 Lifting motor power 3 Steering motor power		HP	kw									
Type of driving control		nr nr	KVV	0.8 MOSE	0.6 FET/AC	0.8 MOSF	0.6	0.8 0.6 MOSFET/AC				
5 Type of lifting control					ET/AC	MOSF		MOSFET/AC MOSFET/AC				
6 Type of steering control					ET/AC	MOSF						
7 Transmission box					special	HELI s		MOSFET/AC				
8 Service brake					ectric		ctric	HELI special				
9 Parking Brake					omatic	Autor		Electric Automatic				
10 Hydraulia austorm working prossure		DCI	Mna	Auto	niidd	Autor	nauc od	Autor	nauc od			

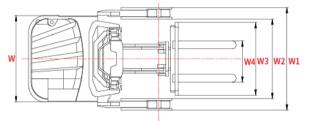


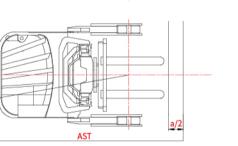
in/mm 33.2/845 36/915 38/966 39.6/1008(standard) 42/1068 44/1119 46/1170 48/1221 50/1272 in/mm 44.7/1137 47.5/1207 49.5/1258 51.1/1300(standard) 53.5/1360 55.5/1411 57.5/1462 59.5/1513 61.5/1564

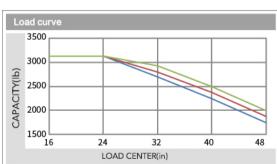
WIDE VIEW FULL FREE 3-STAGE MAST

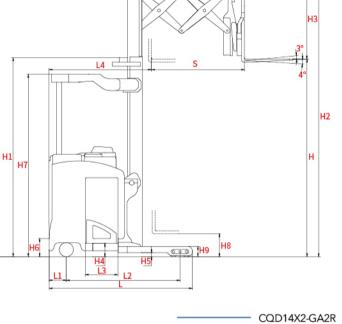
	Fork Height		Free lift		Mast height		Load Capacity at 24" Load Center						Service Weight					
Mast model	CQD14X2-GA2R CQD14X2-GB2R CQD14X2-GC2R		CQD14X2-GB2R		CQD14X2-GA2R CQD14X2-GB2R CQD14X2-GC2R		CQD14X2 -GA2R		CQD14X2 -GB2R		CQD14X2 -GC2R		CQD14X2 -GA2R		CQD14X2 -GB2R		CQD14X -GC2R	
	in	imm	in	mm	in	mm	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	k
ZSM502	198	5025	55	1390	96	2426	2976	1350	2976	1350	2976	1350	7893	3580	8263	3748	8607	39
ZSM533	210	5330	59	1490	99	2526	2976	1350	2976	1350	2976	1350	7937	3600	8307	3768	8651	39
ZSM610	240	6095	69	1745	109	2781	2646	1200	2646	1200	2646	1200	8091	3670	8461	3838	8805	39
ZSM685	270	6855	79	2000	120	3036	2205	1000	2205	1000	2205	1000	8201	3720	8572	3888	8915	40
ZSM762	300	7620	90	2285	131	3321	1764	800	1984	900	1984	900	8356	3790	8726	3958	9070	41

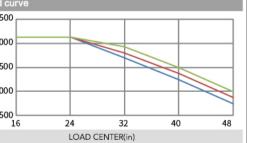
AST: Right angle stacking aisle width a: Clearance a=150mm

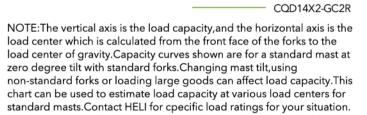














RENEWABLE ENERGY TECHNOLOGIES

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%.



CQD14X2-GB2R

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.

7.10 Hydraulic system working pressure

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.