

CLG2020A

FORKLIFT



Guangxi LiuGong Machinery Co.,Ltd.
No. 1 Liutai Road, Liuzhou, Guangxi.
545007
PR China
T: +86 0772 3886124
E: overseas@liugong.com
HQ: www.liugong.com
MH: www.lgforklift.cn

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TOUGH WORLD. TOUGH EQUIPMENT.

MAXIMIZE YOUR RETURN ON INVESTMENT

LiuGong's **customer-driven** design and **quality-focused** engineering creates lasting value that will deliver to your bottom line.

DEPENDABLE POWER

Unmatched performance driven by the World-Class Controller and Motor.

ERGONOMIC

Widen operating space and reasonable design can give the operator better experience.



COMFORTABLE

The full hydraulic steering system allows for smooth steering in an ergonomic seating posture, hence improved operator's comfort.

HIGH EFFICIENCY

Newly optimized hydraulic system provides excellent lifting speed, assisting you to finish work efficiently and safely.

GOOD VIEW

The mast and overhead guard are designed for wider view, as well as operator's comfort and safety.



MAINTAINING

The rear hood hood with big angle for easy to maintain.



PARTS

Using genuine LiuGong parts is key to keeping your costs low and your machine in top working order. Our extensive support network is always there when you need it, to maximize your business profitability.

AFTER SALES SERVICE

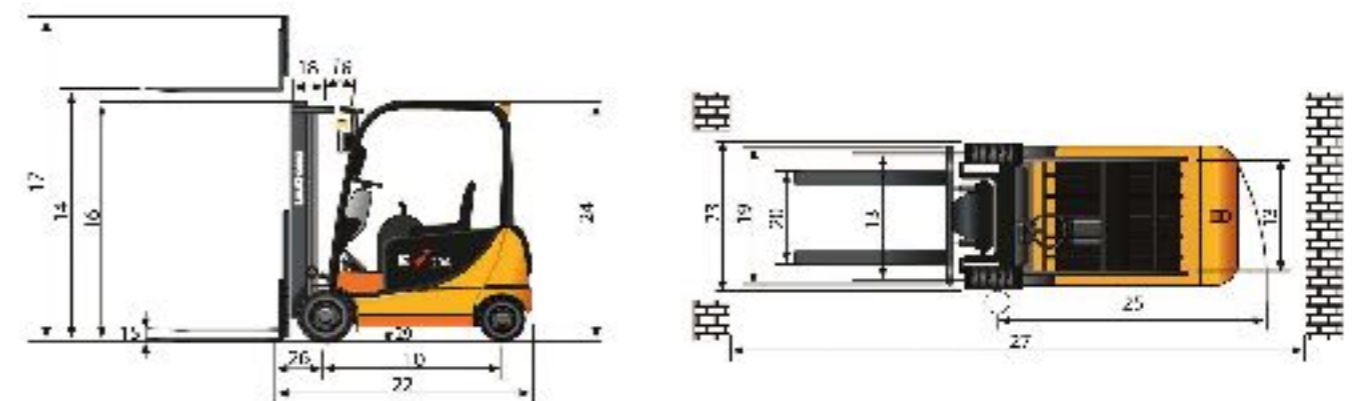
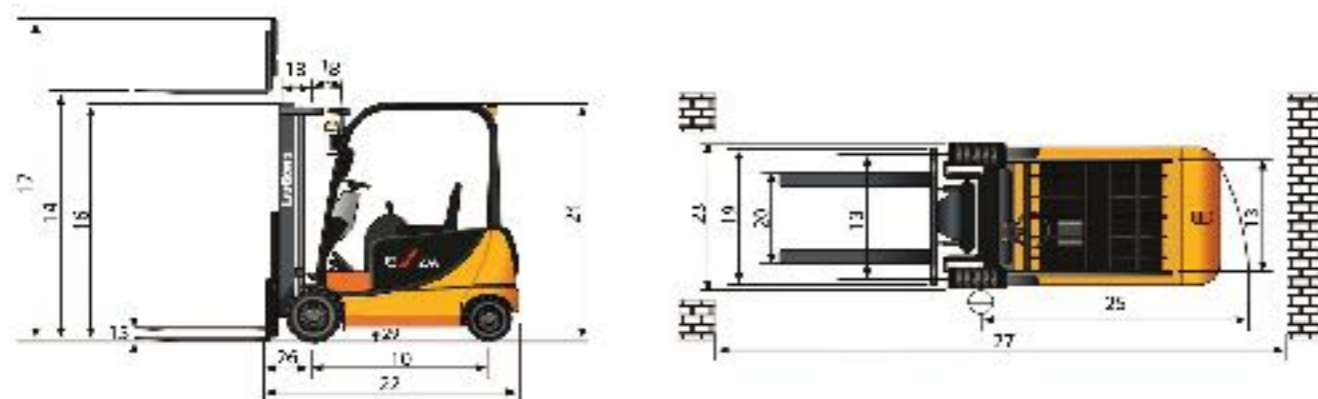
As a customer of LiuGong you can feel confident that our dealers and regional offices will be there to support you with training, service and maintenance needed throughout the life of your machine.

SPECIFICATION

General	Model	1		CLG2020A	
	Power Type	2		Electric	
	Base Capacity	3	@ rated load center	kg 2,000	
	Load Center	4		mm 500	
Weights	Service Weight	5	unloaded with minimum weight battery	kg 3,600	
	Axle Load	6	loaded, front / rear	kg 4,908 / 1,769	
		7	unloaded, front / rear	kg 692 / 1,831	
Tires	Tires	8	Tire Type	Pneumatic	
	Wheels	9	front / rear	2 / 2	
	Wheelbase	10		mm 1,510	
	Tire Size	11	front	200/50-10	
		12	rear	16x6-8	
Mast	Tread Width	13	front / rear	915 / 880	
	Max. Fork Height	14	with std 2 - stage mast	mm 3,000	
	Freelift	15	with std 2 - stage mast	mm 140	
	Height, Upright Lowered	16	with std 2 - stage mast	mm 2,045	
	Height, Upright Extended	17	with std 2 - stage mast	mm 4,090	
	Mast Tilt, Fwd / Back	18	with std 2 - stage mast	deg 6° / 7°	
	Carriage	19	width	mm 1,040	
	Fork Spread	20	minimum / maximum	mm 222 / 1,010	
	Fork Dimensions	21	T x W x L	mm 40 x 100 x 1,070	
	Length to Fork Face	22	with std 2 - stage mast	mm 2,175	
	Chassis	Overall Width	23		mm 1,110
Overhead Guard Height		24		mm 2,025	
Turning Radius		25	minimum outside	mm 2,050	
Fork Overhang		26	with std 2 - stage mast	mm 390	
Right Angle Stack		27	add load length and clearance	mm 3,640	
Ground Clearance		28	minimum loaded	mm 60	
		29	center of wheelbase	mm 105	
Battery Compartment		30	length / width / height	mm 738 / 830 / 633	
Performance		Travel Speed	31	loaded / unloaded	kph 15 / 15
		Lift Speed	32	loaded / unloaded	m/s 0.35 / 0.50
	Lower Speed	33	loaded / unloaded	m/s 0.50 / 0.40	
	Max. Drawbar Pull	34	5 min. rating	kg 1,275	
		35	60 min. rating	kg 286	
	Max. Gradeability	36	5 min. rating	% 20	
Systems	Controllers	37	drive / hydraulic (make, type)	SME, AC	
	Motors	38	drive output (60 min. rating)	kW 13	
		39	hydraulic output (15 min. rating)	kW 15	
	Battery	40	type	Lead Acid	
		41	voltage	48	
		42	max. capacity (6 hour rating)	Ah 600	
		43	weight, minimum / maximum	kg 900 / 1,200	

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	Max. Gradeability	36	5 min. rating	% 20	
Systems	Controllers	37	drive / hydraulic (make, type)	Curtis, AC	
	Motors	38	drive output (60 min. rating)	kW 13	
		39	hydraulic output (15 min. rating)	kW 15	
	Battery	40	type	Lead Acid	
		41	voltage	48	
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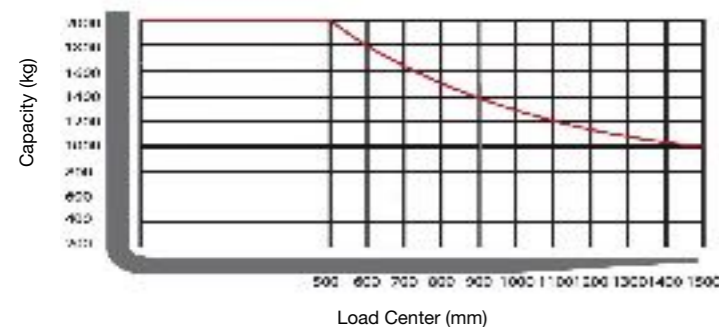


CAPACITY

Mast type	Maximum Fork Height (MFH)	Mast Overall Lowered Height (OAL)	Free Lift with Load Backrest	Mast Tilt Angle (F/B)	Rated Load Capacity		Total Weight with Standard Forks
					With Standard Forks	With Sideshifter	
					CLG2020A	CLG2020A	
	mm	mm	mm	degree	kg @ (500mm LC)	kg @ (500mm LC)	Kg
Standard 2-Stage	3000	2055	140	6 / 7	2000	1850	3600
	3300	2205	140	6 / 7	2000	1850	3620
	3500	2305	140	6 / 7	2000	1850	3640
	4000	2605	140	6 / 7	1890	1700	3665
	4500	2855	140	6 / 7	1800	1630	3710
5000		140	6 / 7				

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					With Standard Forks	With Sideshifter	
					CLG2020A	CLG2020A	
	mm	mm	mm	degree	kg @ (500mm LC)	kg @ (500mm LC)	Kg
Full Free 2-Stage	2700	1905	830	6 / 7	2000	1850	3580
	3000	2055	980	6 / 7	2000	1850	3600
	3300	2205	1130	6 / 7	2000	1850	3620
	3500	2305	1230	6 / 7	2000	1850	3640
	4000	2605	1530	6 / 7	1890	1700	3665

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					With Standard Forks	With Sideshifter	
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	mm	mm	mm	degree	kg @ (500mm LC)	kg @ (500mm LC)	Kg
Full Free 3-Stage	4500	2135	1060	6 / 6	1700	1500	3995
	4800	2235	1160	6 / 6	1600	1400	4015
	5000	2295	1220	6 / 6	1500	1300	4025
	5500	2465	1390	3 / 6	1200	1000	4110
	6000	2945	1870	3 / 6	900	700	4190



Note:
Vertical axle stands for load capacity while horizontal axle stands for load center. Load center is the distance counted from the front of the fork. The base point of the standard load is the center point of the cubic with the same 1000mm dimension in length, width and height. The load capacity should be down if mast tilt forward or using non-standard forks of loading goods with extra width. Please realize the different load capacity between different load centers according to load chart.

STANDARD CONFIGURATION

POWER SYSTEM

- SME controller
- Forceful motor
- One-speed transmission
- High strength drive axle
- Reliable steering axle

HYDRAULIC SYSTEM

- 2-funtion hydraulic valve
- Hydrostatic steering
- Oil filter for intake and return

ELECTRIC SYSTEM

- 48V/600Ah lead-acid batteries
- 3 phase 380V charger
- SBE 350 Connector
- Front flood lights
- Front steering lights
- Rear combination lights
- Buzzer for back off

UNDERCARRIAGE

- High strength frame
- 1 piece counterweight
- Tow pin
- Solid pneumatic drive tires
- Solid pneumatic steer tires

MAST

- 3.0M Standard 2-stage mast
- 1040mm Wide Class II carriage
- Load backrest
- 1070mm long Class II pallet forks

OPERATOR STATION

- Overhead guard
- Locks for battery hood
- Vinyl cushion seat with seat belt
- Display fault code, working hour
- Tilt steering column
- Brake and accelerator pedals
- Hand parking
- Floor mat

OPTIONAL CONFIGURATION

POWER SYSTEM

- Curtis controller

HYDRAULIC SYSTEM

- 3-funtion hydraulic valve
- 4-funtion hydraulic valve

ELECTRIC SYSTEM

- 48V/690Ah lead-acid battery
- REMA 320 connector
- Rear working light
- Amber warning light
- License plate light

UNDERCARRIAGE

- Solid pneumatic drive tires (Non-marking)
- Solid pneumatic steer tires (Non-marking)

MAST

- Full free 2-stage mast
- Full free 3-stage mast
- Longer Class II pallet forks

OPERATION STATION

- Enclosed cabin
- Heater for cabin
- Operator fan
- Fire extinguisher
- Anti-corrosion lifting and tilting cylinde
- Protective cover for tilt cylinde
- Master key
- Half-suspension vinyl seat(tiancheng)
- Grammer full-suspension vinyl seat