

CLG2080H-100H LIUGONG

FORKLIFT



 **LIUGONG**
TOUGH WORLD. TOUGH EQUIPMENT.

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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 Engine.



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 engine hood and rear hood with big angle for easy to maintain.



PARTS

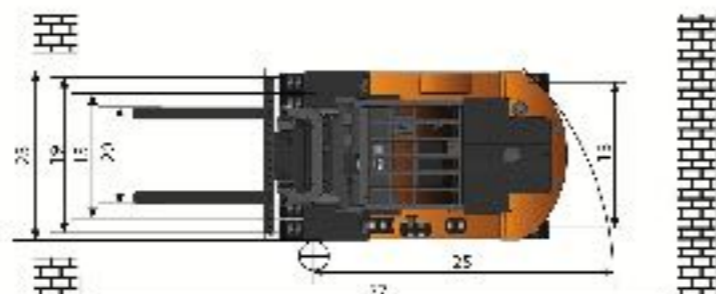
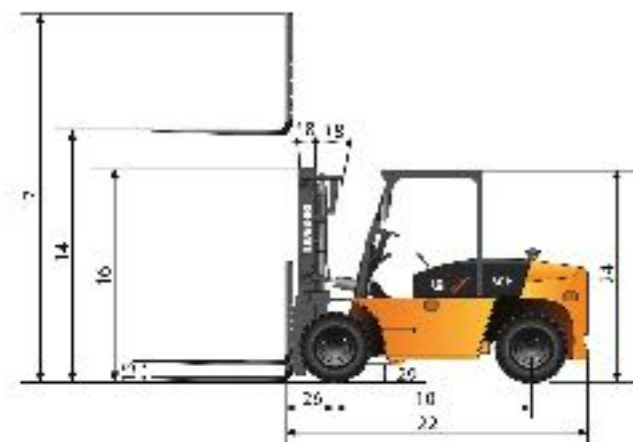
Using genuine LiuGong parts is key to keeping your costs low and your machine in top working order. Our extensive support network is always there when you need it, to maximize your business profitability.

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.

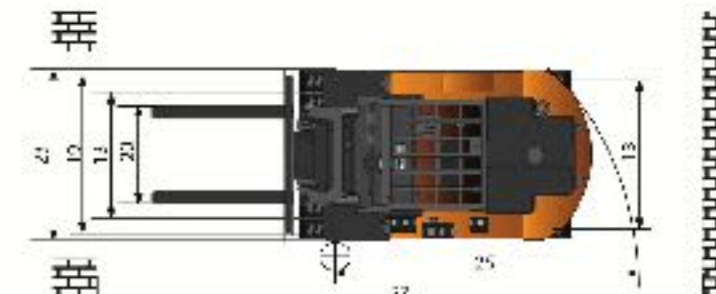
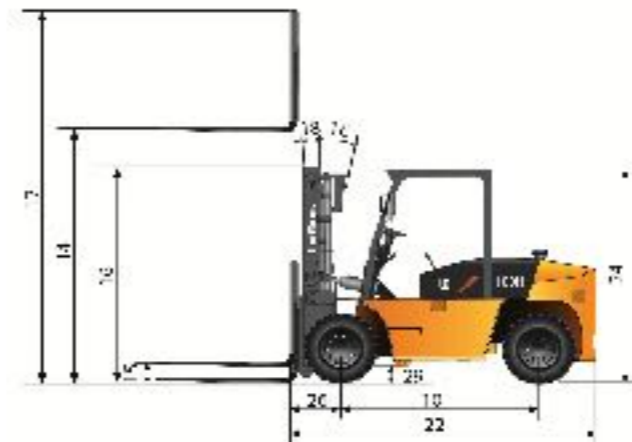
SPECIFICATION

General	Model	1	CLG2080H			
	Power Type	2	Diesel			
	Base Capacity	3	@rated load center	kg	8,000	
	Load Center	4	mm		600	
	Service Weight	5	unloaded	kg	11,500	
Weights	Axle Load	6	loaded / unloaded, front	kg	17,800 / 5,600	
		7	loaded / unloaded, rear	kg	1,700 / 5,900	
Tires	Tire Type	8	Pneumatic			
	Wheels	9	front / rear		4 / 2	
	Wheelbase	10	mm		2,600	
	Tire Size	11	front	9.00-20-14PR		
		12	rear	9.00-20-14PR		
	Tread Width	13	front / rear	1,600 / 1,720		
Mast	Max. Fork Height	14	with std 2-stage mast	mm	3,000	
	Free lift	15	with std 2-stage mast	mm	200	
	Height, Upright Lowered	16	with std 2-stage mast	mm	2,696	
	Height, Upright Extended	17	with std 2-stage mast	mm	4,145	
	Mast Tilt, Fwd/Back	18	with std 2-stage mast	deg	6° / 12°	
	Carriage	19	width	mm	2,210	
	Fork Spread	20	minimum / maximum	mm	410 / 2,130	
Fork Dimensions	21	T x W x L	mm	70x170x1,520		
Chassis	Length to Fork Face	22	with std 2-stage mast	mm	4,050	
	Overall Width	23	mm		2,210	
	Overhead Guard Height	24	mm		2,646	
	Turning Radius	25	minimum outside	mm	3,780	
	Fork Overhang	26	with std 2-stage mast	mm	710	
	Right Angle Stack	27	add load length and clearance	mm	5,300	
	Ground Clearance	28	minimum loaded	mm	290	
	29	center of wheelbase	mm	300		
Performance	Travel Speed	30	loaded / unloaded	km/h	21 / 26	
	Lift Speed	31	loaded / unloaded	m/s	0.36 / 0.43	
	Lower Speed	32	loaded / unloaded	m/s	0.45 / 0.32	
	Max. Drawbar Pull	33	loaded	kg	5,600	
	Max. Gradeability	34	loaded / unloaded	%	25 / 20	
Systems	Brakes	35	service	Foot / Hyd	Foot / Hyd	
		36	parking	Hand / Mech	Hand / Mech	
		37	manufacturer	Yuchai	Isuzu	
	Engine	38	model	YC4A125	A-6BG1QC-02	
		39	emission compliance	CHN Stage III	EU Stage I	
		40	cylinders	4	6	
		41	displacement	liters	4.84	6.49
		42	rated power	kW/rpm	92 / 2,200	82.4 / 2,000
		43	Max. torque	N · m/rpm	480 / 1,400-1,800	416.8 / 1,500



SPECIFICATION

General	Model	1	CLG2100H			
	Power Type	2	Diesel			
	Base Capacity	3	@rated load center	kg	10,000	
	Load Center	4	mm		600	
	Service Weight	5	unloaded	kg	12,800	
Weights	Axle Load	6	loaded / unloaded, front	kg	20,300 / 5,620	
		7	loaded / unloaded, rear	kg	2,500 / 7,180	
Tires	Tire Type	8	Pneumatic			
	Wheels	9	front / rear		4 / 2	
	Wheelbase	10	mm		2,800	
	Tire Size	11	front	9.00-20-14PR		
		12	rear	9.00-20-14PR		
	Tread Width	13	front / rear	1,600 / 1,720		
Mast	Max. Fork Height	14	with std 2-stage mast	mm	3,000	
	Free lift	15	with std 2-stage mast	mm	200	
	Height, Upright Lowered	16	with std 2-stage mast	mm	2,696	
	Height, Upright Extended	17	with std 2-stage mast	mm	4,145	
	Mast Tilt, Fwd/Back	18	with std 2-stage mast	deg	6° / 12°	
	Carriage	19	width	mm	2,210	
	Fork Spread	20	minimum / maximum	mm	410 / 2,130	
Fork Dimensions	21	T x W x L	mm	80x175x1,520		
Chassis	Length to Fork Face	22	with std 2-stage mast	mm	4,260	
	Overall Width	23	mm		2,210	
	Overhead Guard Height	24	mm		2,646	
	Turning Radius	25	minimum outside	mm	4,060	
	Fork Overhang	26	with std 2-stage mast	mm	720	
	Right Angle Stack	27	add load length and clearance	mm	5,580	
	Ground Clearance	28	minimum loaded	mm	290	
	29	center of wheelbase	mm	300		
Performance	Travel Speed	30	loaded / unloaded	km/h	21 / 26	
	Lift Speed	31	loaded / unloaded	m/s	0.36 / 0.43	
	Lower Speed	32	loaded / unloaded	m/s	0.45 / 0.32	
	Max. Drawbar Pull	33	loaded	kg	5,600	
	Max. Gradeability	34	loaded / unloaded	%	25 / 20	
Systems	Brakes	35	service	Foot / Hyd	Foot / Hyd	
		36	parking	Hand / Mech	Hand / Mech	
		37	manufacturer	Yuchai	Isuzu	
	Engine	38	model	YC4A125	A-6BG1QC-02	
		39	emission compliance	CHN Stage III	EU Stage I	
		40	cylinders	4	6	
		41	displacement	liters	4.84	6.49
		42	rated power	kW/rpm	92 / 2,200	82.4 / 2,000
		43	Max. torque	N · m/rpm	480 / 1,400-1,800	416.8 / 1,500

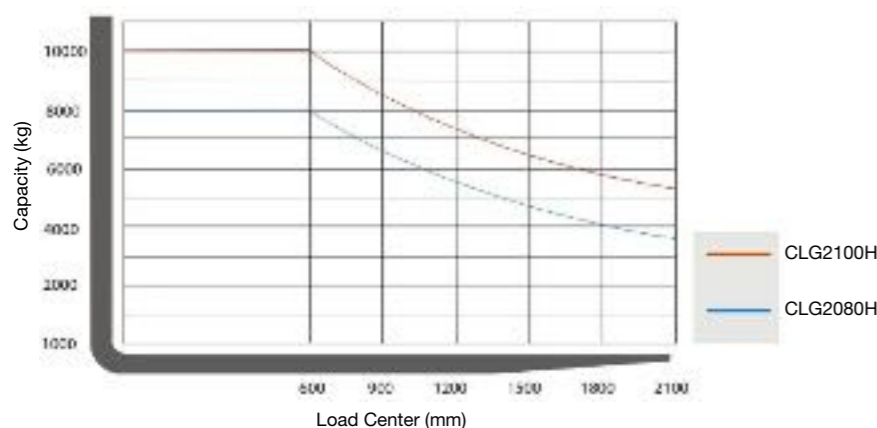


CAPACITY

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			
					2080H	2100H	2080H	2100H	2080H	2100H
	mm	mm	mm	degree	kg @ (600mm LC)		kg @ (600mm LC)		Kg	
Standard 2-Stage	3000	2696	200	6 / 12	8000	10000	7430	9340	11500	12500
	3500	2946	200	6 / 12	8000	10000	7430	9340	11610	12610
	4000	3246	200	6 / 12	8000	10000	7430	9340	11710	12710
	4500	3496	200	6 / 12	8000	10000	7430	9340	11800	12800
	5000	3746	200	6 / 6	7780	9450	7230	8820	11980	12980
	5500	4046	200	3 / 6	7430	9000	6890	8390	12180	13180
6000	4296	200	3 / 6	7000	8550	6490	7960	12280	13280	

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			
					2080H	2100H	2080H	2100H	2080H	2100H
	mm	mm	mm	degree	kg @ (600mm LC)		kg @ (600mm LC)		Kg	
Full Free 2-Stage	3000	2716	1500	6 / 12	8000	10000	7430	9340	11605	12605

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			
					2080H	2100H	2080H	2100H	2080H	2100H
	mm	mm	mm	degree	kg @ (600mm LC)		kg @ (600mm LC)		Kg	
Full Free 3-Stage	3500	2441	1160	6 / 12	7430	9340	6860	8680	12023	13023
	4500	2773	1492	6 / 12	7430	9340	6860	8680	12235	13235
	6000	3271	1990	3 / 6	6490	7960	5920	7300	12633	13633



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 1200mm 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

- Yuchai 4A125 diesel engine
- Two-speed automatic transmission
- High strength drive axle
- Heavy duty steering axle
- Elevated air pre-cleaner
- Fuel system pre-filter
- Radiator
- Vertical exhaust

HYDRAULIC SYSTEM

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

ELECTRIC SYSTEM

- 2 batteries
- Front flood lights
- Front steering lights
- Rear combination lights
- Rear working lights
- Buzzer for back off

UNDERCARRIAGE

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

MAST

- 3.0M Standard 2-stage mast
- 2210mm Wide shaft type carriage
- Load backrest
- 1520mm long shaft type pallet forks

OPERATOR STATION

- Overhead guard
- Locks for engine hood
- Vinyl cushion seat with seat belt
- Ignition lock
- Display with alarms, fuel rate, water temperature, working hour
- Tilt steering column
- Inching, brake and accelerator pedals
- Hand parking
- Floor mat

OPTIONAL CONFIGURATION

POWER SYSTEM

- Isuzu A-6BG1QC-02 diesel engine
- 2nd refined air filter
- Middle exhaust

ELECTRIC SYSTEM

- Amber warning light
- License plate light

UNDERCARRIAGE

- Solid pneumatic drive tires
- Solid pneumatic steer tires

HYDRAULIC SYSTEM

- 3-funtion hydraulic valve
- 4-funtion hydraulic valve
- Hydraulic oil radiator

MAST

- Full free 2-stage mast
- Full free 3-stage mast
- Longer shaft type 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
- Hydraulic electronic shifting
- Half-suspension vinyl seat(tiancheng)
- Grammer full-suspension vinyl seat