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CLG2050H-70H

FORKLIFT



LIUGONG



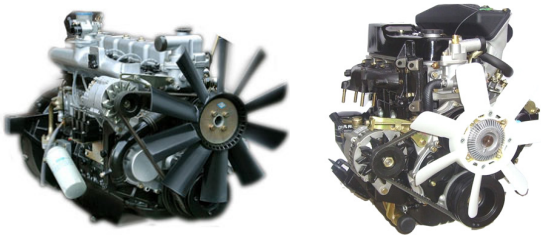
TOUGH WORLD. TOUGH EQUIPMENT.

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

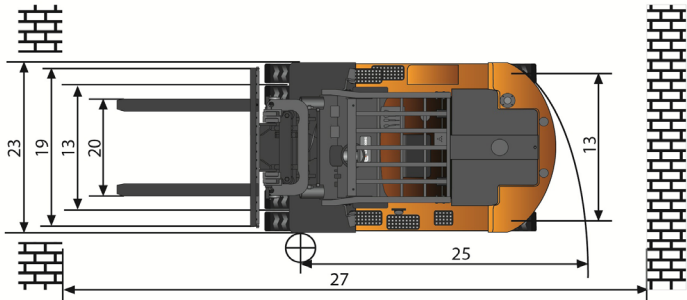
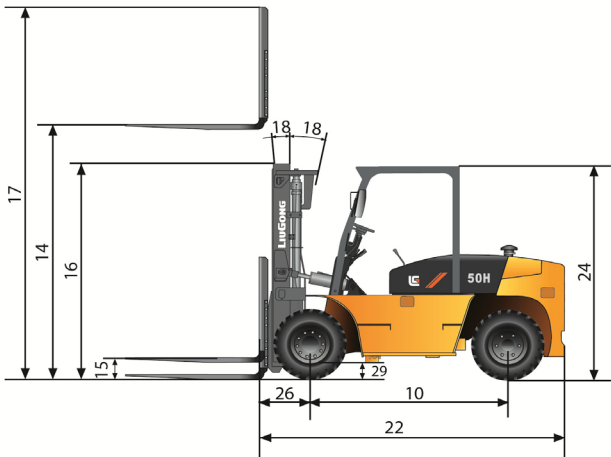
Using genuine LiuGong parts is key to keeping your costs low and your machine in top working order. Our extensive support network is always there when you need it, to maximize your business profitability.

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.

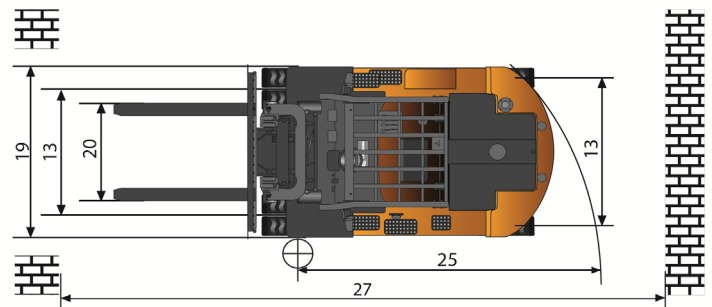
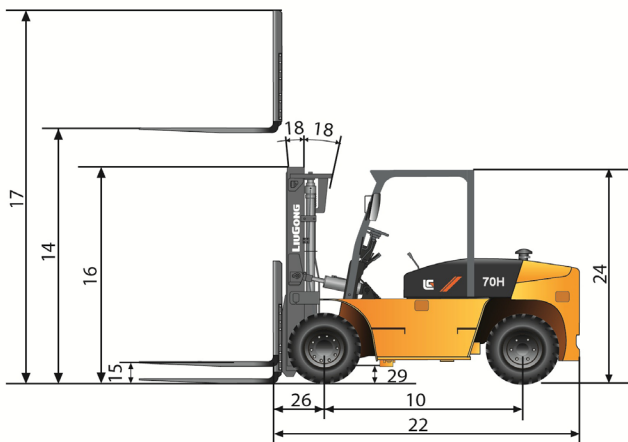
SPECIFICATION

General	Model	1			CLG2050H			CLG2060H	
	Power Type	2			Diesel			Diesel	
	Base Capacity	3	@rated load center	kg	5,000			6,000	
	Load Center	4		mm	600			600	
Weights	Service Weight	5	unloaded	kg	8,000			8,500	
	Axle Load	6	loaded / unloaded, front	kg	11,200 / 3,900			12,950 / 3,800	
		7	loaded / unloaded, rear	kg	1,800 / 4,100			1,550 / 4,700	
Tires	Tire Type	8			Pneumatic			Pneumatic	
	Wheels	9	front / rear		4 / 2			4 / 2	
	Wheelbase	10		mm	2,250			2,250	
	Tire Size	11	front		8.25-15-14PR			8.25-15-14PR	
		12	rear		8.25-15-14PR			8.25-15-14PR	
Mast	Tread Width	13	front / rear		1,474 / 1,730			1,474 / 1,730	
	Max. Fork Height	14	with std 2-stage mast	mm	3,000			3,000	
	Free lift	15	with std 2-stage mast	mm	200			210	
	Height, Upright Lowered	16	with std 2-stage mast	mm	2,534			2,534	
	Height, Upright Extended	17	with std 2-stage mast	mm	4,377			4,377	
	Mast Tilt, Fwd/Back	18	with std 2-stage mast	deg	6° / 12°			6° / 12°	
	Carriage	19	width	mm	1,840			1,840	
	Fork Spread	20	minimum / maximum	mm	300 / 1,840			300 / 1,840	
Chassis	Fork Dimensions	21	T x W x L	mm	50 x 150 x 1,520			65 x 150 x 1,520	
	Length to Fork Face	22	with std 2-stage mast	mm	3,475			3,573	
	Overall Width	23		mm	2,040			2,040	
	Overhead Guard Height	24		mm	2,520			2,520	
	Turning Radius	25	minimum outside	mm	3,436			3,500	
	Fork Overhang	26	with std 2-stage mast	mm	577			592	
	Right Angle Stack	27	add load length and clearance	mm	5,240			5,300	
	Ground Clearance	28	minimum loaded	mm	203			203	
Performance		29	center of wheelbase	mm	250			250	
	Travel Speed	30	loaded / unloaded	km/h	26 / 28	23 / 25	26 / 28	26 / 28	23 / 25
	Lift Speed	31	loaded / unloaded	m/s	0.44 / 0.50	0.46 / 0.52	0.52/0.59	0.42 / 0.50	0.44 / 0.52
	Lower Speed	32	loaded / unloaded	m/s	0.50 / 0.40	0.50 / 0.40	0.50 / 0.40	0.50 / 0.40	0.50 / 0.40
	Max. Drawbar Pull	33	loaded	kg	5,500	5,500	5500	5,500	5,500
Systems	Max. Gradeability	34	loaded / unloaded	%	28 / 20	28 / 20	28/20	24 / 20	24 / 20
	Brakes	35	service		Foot / Air over Hyd	Foot / Hyd	Foot /Hyd	Foot / Air over Hyd	Foot / Hyd
		36	parking		Hand / Mech	Hand / Mech	Hand / Mech	Hand / Mech	Hand / Mech
	Engine	37	manufacturer		Yuchai	Isuzu	cummins	Yuchai	Isuzu
		38	model		YC4D100	A-6BG1QC-02	QSF3.8	YC4D100	A-6BG1QC-02
		39	emission compliance		CHN Stage III	EU Stage I	EPA/EC Tier III	CHN Stage III	EU Stage I
		40	cylinders		4	6	4	4	6
		41	displacement	liters	4.20	6.49	3.76	4.20	6.49
		42	rated power	kW/rpm	73.5 / 2,200	82.4 / 2,000	86/2200	73.5 / 2,200	82.4 / 2,000
		43	Max. torque	N · m/rpm	400 / 1,500	416.8 / 1,500	470/1100~1700	400 / 1,500	416.8 / 1,500



SPECIFICATION

General	Model	1			CLG2060H	CLG2070H		
	Power Type	2			Diesel	Diesel		
	Base Capacity	3	@rated load center	kg	6,000	7,000		
	Load Center	4		mm	600	600		
Weights	Service Weight	5	unloaded	kg	8,500	9,300		
	Axle Load	6	loaded / unloaded, front	kg	12,950 / 3,800	14460/3800		
		7	loaded / unloaded, rear	kg	1,550 / 4,700	1840/5500		
Tires	Tire Type	8			Pneumatic	Pneumatic		
	Wheels	9	front / rear		4 / 2	4 / 2		
	Wheelbase	10		mm	2,250	2,250		
	Tire Size	11	front		8.25-15-14PR	8.25-15-14PR		
		12	rear		8.25-15-14PR	8.25-15-14PR		
	Tread Width	13	front / rear		1,474 / 1,730	1,474 / 1,730		
Mast	Max. Fork Height	14	with std 2-stage mast	mm	3,000	3,000		
	Free lift	15	with std 2-stage mast	mm	210	210		
	Height, Upright Lowered	16	with std 2-stage mast	mm	2,534	2,534		
	Height, Upright Extended	17	with std 2-stage mast	mm	4,377	4,377		
	Mast Tilt, Fwd/Back	18	with std 2-stage mast	deg	6° / 12°	6° / 12°		
	Carriage	19	width	mm	1,840	1,840		
	Fork Spread	20	minimum / maximum	mm	300 / 1,840	300 / 1,840		
	Fork Dimensions	21	T x W x L	mm	65 x 150 x 1,520	65 x 150 x 1,520		
Chassis	Length to Fork Face	22	with std 2-stage mast	mm	3,573	3,650		
	Overall Width	23		mm	2,040	2,040		
	Overhead Guard Height	24		mm	2,520	2,520		
	Turning Radius	25	minimum outside	mm	3,500	3,560		
	Fork Overhang	26	with std 2-stage mast	mm	592	592		
	Right Angle Stack	27	add load length and clearance	mm	5,300	5,360		
	Ground Clearance	28	minimum loaded	mm	203	203		
		29	center of wheelbase	mm	250	250		
Performance	Travel Speed	30	loaded / unloaded	km/h	26 / 28	26 / 28	23 / 25	26 / 28
	Lift Speed	31	loaded / unloaded	m/s	0.50 / 0.59	0.39 / 0.50	0.40 / 0.52	0.47 / 0.59
	Lower Speed	32	loaded / unloaded	m/s	0.50 / 0.40	0.50 / 0.40	0.50 / 0.40	0.50 / 0.40
	Max. Drawbar Pull	33	loaded	kg	5,500	5,500	5,500	5500
	Max. Gradeability	34	loaded / unloaded	%	24/20	20/ 20	20 / 20	20/20
Systems	Brakes	35	service		Foot /Hyd	Foot / Air over Hyd	Foot / Hyd	Foot /Hyd
		36	parking		Hand / Mech	Hand / Mech	Hand / Mech	Hand / Mech
	Engine	37	manufacturer		cummins	Yuchai	Isuzu	cummins
		38	model		QSF3.8	YC4D100	A-6BG1QC-02	QSF3.8
		39	emission compliance		EPA/EC Tier III	CHN Stage III	EU Stage I	EPA/EC Tier III
		40	cylinders		4	4	6	4
		41	displacement	liters	3.76	4.20	6.49	3.76
		42	rated power	kW/rpm	86/2200	73.5 / 2,200	82.4 / 2,000	86/2200
		43	Max. torque	N · m/rpm	470/1100~1700	400 / 1,500	416.8 / 1,500	470/1100~1700

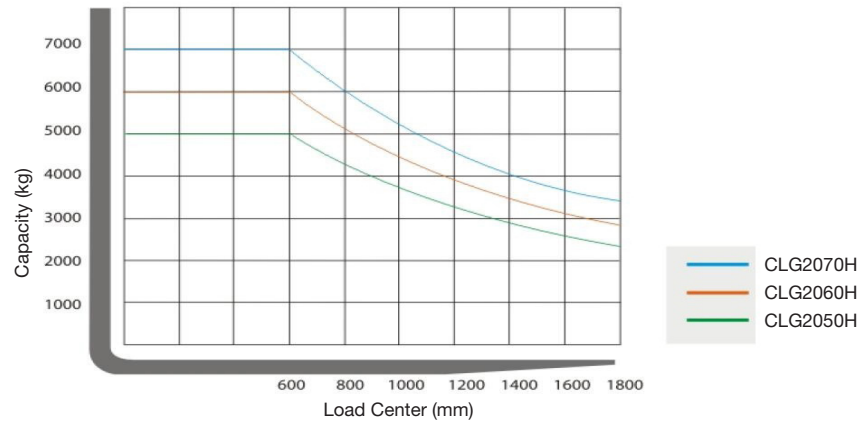


CAPACITY

Mast type	Maximum Fork Height (MFH)	Mast Overall Lowered Height (OAL)	Freee Lift with Load Backrest	Mast Tilt Angle (F/B)	Rated Load Capacity			Total Weight with Standard Forks		
					With Standard Forks					
					2050H	2060H	2070H	2050H	2060H	2070H
Standard 2-Stage	mm	mm	mm	degree	kg @ (600mm LC)			Kg		
	3000	2534	200	6 / 12	5000	6000	7000	8000	8500	9300
	3500	2784	200	6 / 12	5000	6000	7000	8090	8590	9390
	4000	3084	200	6 / 12	5000	6000	7000	8210	8710	9510
	4500	3334	200	6 / 12	5000	6000	7000	8380	8880	9680
	5000	3584	200	6 / 6	4700	5700	6600	8480	8980	9780
	5500	3884	200	3 / 6	4400	5400	6200	8670	9170	9970
	6000	4134	200	3 / 6	4100	5100	5800	8770	9270	10070

Mast type	Maximum Fork Height (MFH)	Mast Overall Lowered Height (OAL)	Freee Lift with Load Backrest*	Mast Tilt Angle (F/B)	Rated Load Capacity			Total Weight with Standard Forks		
					With Standard Forks					
									2050H	2060H
	mm	mm	mm	degree	kg @ (600mm LC)			Kg		
Full Free 2-Stage	2500	2284	907	6 / 12	5000	6000	7000	7980	8480	9280
	3000	2534	1148	6 / 12	5000	6000	7000	8040	8540	9340

Mast type	Maximum Fork Height (MFH)	Mast Overall Lowered Height (OAL)	Freee Lift with Load Backrest*	Mast Tilt Angle (F/B)	Rated Load Capacity			Total Weight with Standard Forks		
					With Standard Forks					
									2050H	2060H
	mm	mm	mm	degree	kg @ (600mm LC)			Kg		
Full Free 3-Stage	4000	2574	1198	6 / 12	4600	5500	6200	8464	8964	9765
	4500	2745	1367	6 / 12	4600	5500	6200	8564	9064	9865
	5000	2912	1524	6 / 6	4300	5200	5800	8620	9120	9920
	5500	3078	1692	3 / 6	4000	4900	5400	8720	9220	10020
	6000	3244	1860	3 / 6	3700	4600	5000	8835	9335	10135



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 4D100 diesel engine
- Two-speed automatic transmission
- High strength drive axle
- Heavy duty steering axle
- Air filter with dual-elements
- Fuel system pre-filter
- Radiator
- Middle 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
- 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
- 1840mm Wide Class IV carriage
- Load backrest
- 1520mm long Class IV 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
- Cummins QSF3.8 diesel engine
- Elevated air pre-cleaner
- 2nd refined air filter
- Vertical exhaust

HYDRAULIC SYSTEM

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

ELECTRIC SYSTEM

- Rear working light
- Amber warning light
- License plate light

UNDERCARRIAGE

- Solid pneumatic drive tires
- Solid pneumatic steer tires

MAST

- Full free 2-stage mast
- Full free 3-stage mast
- Longer Class IV 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