



TOUGH WORLD. TOUGH EQUIPMENT.

Guangxi LiuGong Machinery Co.,Ltd.

No. 1 Liutai Road, Liuzhou, Guangxi.

545007

PR China

T: +86 0772 3886124

E: [overseas@liugong.com](mailto:overseas@liugong.com)

[www.liugong.com](http://www.liugong.com)

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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.



## 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.



## 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.

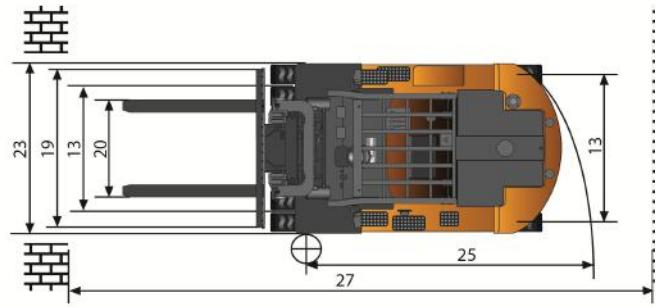
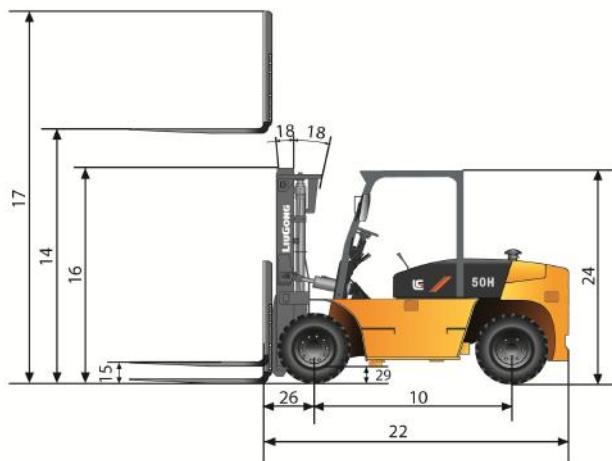


## AFTER SALES SERVICE

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.

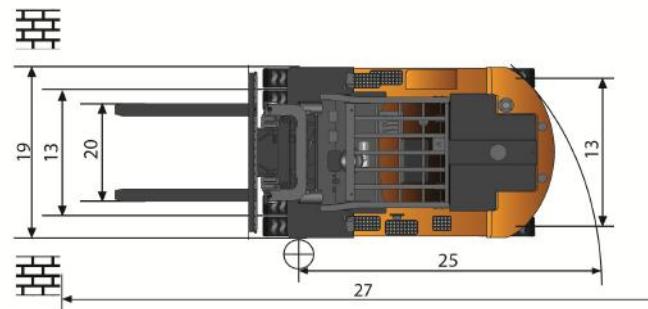
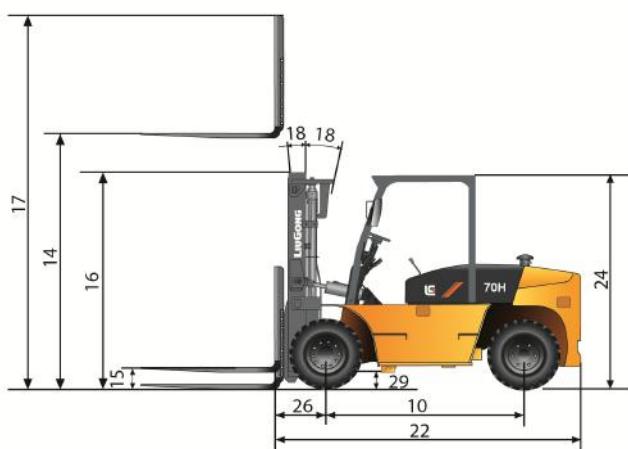
# SPECIFICATION

General		Model	1			CLG2050H	CLG2060H
Weights		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
		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	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
		Fork Dimensions	21	T x W x L	mm	50 x 150 x 1,520	65 x 150 x 1,520
Chassis		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	4,956	5,093
		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
		Lift Speed	31	loaded / unloaded	m/s	0.48 / 0.53	0.46 / 0.53
		Lower Speed	32	loaded / unloaded	m/s	0.55 / 0.40	0.55 / 0.40
		Max. Drawbar Pull	33	loaded	kg	5,500	5,500
		Max. Gradeability	34	loaded / unloaded	%	28 / 20	24 / 20
Systems		Brakes	35	service		Foot / Air over Hyd	Foot / Hyd
			36	parking		Hand / Mech	Hand / Mech
		Engine	37	manufacturer		Yuchai	Isuzu
			38	model		YC4D100	YC4D100
			39	emission compliance		CHN Stage III	EU Stage I
			40	cylinders		4	4
			41	displacement	liters	4.20	6.49
			42	rated power	kW/rpm	73.5 / 2,200	82.4 / 2,000
			43	Max. torque	N · m/rpm	400 / 1,500	416.8 / 1,500



# SPECIFICATION

<b>General</b>	<b>Model</b>	1			CLG2060H	CLG2070H
	<b>Power Type</b>	2			Diesel	Diesel
	<b>Base Capacity</b>	3	@rated load center	kg	6,000	7,000
	<b>Load Center</b>	4		mm	600	600
<b>Weights</b>	<b>Service Weight</b>	5	unloaded	kg	8,500	9,300
	<b>Axle Load</b>	6	loaded / unloaded, front	kg	12,950 / 3,800	14460/3800
		7	loaded / unloaded, rear	kg	1,550 / 4,700	1840/5500
<b>Tires</b>	<b>Tire Type</b>	8			Pneumatic	Pneumatic
	<b>Wheels</b>	9	front / rear		4 / 2	4 / 2
	<b>Wheelbase</b>	10		mm	2,250	2,250
	<b>Tire Size</b>	11	front		8.25-15-14PR	8.25-15-14PR
		12	rear		8.25-15-14PR	8.25-15-14PR
<b>Mast</b>	<b>Tread Width</b>	13	front / rear		1,474 / 1,730	1,474 / 1,730
	<b>Max. Fork Height</b>	14	with std 2-stage mast	mm	3,000	3,000
	<b>Free lift</b>	15	with std 2-stage mast	mm	210	210
	<b>Height, Upright Lowered</b>	16	with std 2-stage mast	mm	2,534	2,534
	<b>Height, Upright Extended</b>	17	with std 2-stage mast	mm	4,377	4,377
	<b>Mast Tilt, Fwd/Back</b>	18	with std 2-stage mast	deg	6° / 12°	6° / 12°
	<b>Carriage</b>	19	width	mm	1,840	1,840
	<b>Fork Spread</b>	20	minimum / maximum	mm	300 / 1,840	300 / 1,840
	<b>Fork Dimensions</b>	21	T x W x L	mm	65 x 150 x 1,520	65 x 150 x 1,520
	<b>Length to Fork Face</b>	22	with std 2-stage mast	mm	3,573	3,650
<b>Chassis</b>	<b>Overall Width</b>	23		mm	2,040	2,040
	<b>Overhead Guard Height</b>	24		mm	2,520	2,520
	<b>Turning Radius</b>	25	minimum outside	mm	3,500	3,560
	<b>Fork Overhang</b>	26	with std 2-stage mast	mm	592	592
	<b>Right Angle Stack</b>	27	add load length and clearance	mm	5,093	5,170
	<b>Ground Clearance</b>	28	minimum loaded	mm	203	203
		29	center of wheelbase	mm	250	250
<b>Performance</b>	<b>Travel Speed</b>	30	loaded / unloaded	km/h	23 / 25	23 / 25
	<b>Lift Speed</b>	31	loaded / unloaded	m/s	0.46 / 0.53	0.44 / 0.53
	<b>Lower Speed</b>	32	loaded / unloaded	m/s	0.55 / 0.40	0.55 / 0.40
	<b>Max. Drawbar Pull</b>	33	loaded	kg	5,500	5,500
	<b>Max. Gradeability</b>	34	loaded / unloaded	%	24 / 20	20 / 20
<b>Systems</b>	<b>Brakes</b>	35	service		Foot / Hyd	Foot / Air over Hyd
		36	parking		Hand / Mech	Hand / Mech
	<b>Engine</b>	37	manufacturer		Isuzu	Yuchai
		38	model		A-6BG1QC-02	YC4D100
		39	emission compliance		EU Stage I	CHN Stage III
		40	cylinders		6	6
		41	displacement	liters	6.49	4.20
		42	rated power	kW/rpm	82.4 / 2,000	73.5 / 2,200
		43	Max. torque	N · m/rpm	416.8 / 1,500	400 / 1,500
						416.8 / 1,500

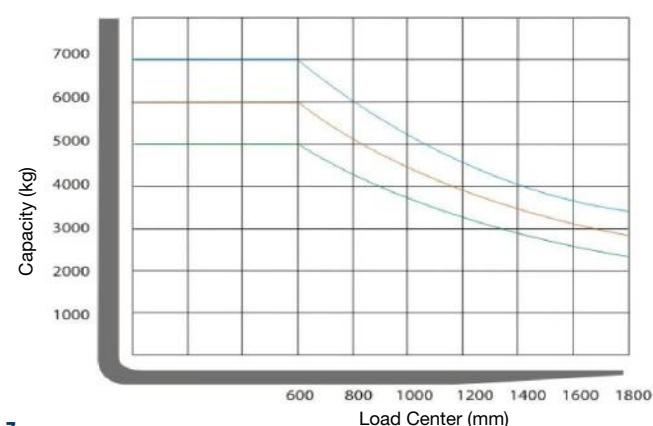


# CAPACITY

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			With Sideshifter							
					2050H	2060H	2070H	2050H	2060H	2070H	2050H	2060H	2070H		
				mm		mm		degree		kg @ (600mm LC)		kg @ (600mm LC)		Kg	
Standard 2-Stage	3000	2534	200	6 / 12	5000	6000	7000	4500	5400	6300	7850	8350	9150		
	3500	2784	200	6 / 12	5000	6000	7000	4500	5400	6300	7940	8440	9230		
	4000	3084	200	6 / 12	5000	6000	7000	4500	5400	6300	8060	8560	9320		
	4500	3334	200	6 / 12	5000	6000	7000	4500	5400	6300	8230	8730	9470		
	5000	3584	200	6 / 6	4700	5700	6600	4200	5100	5900	8330	8830	9550		
	5500	3884	200	3 / 6	4400	5500	6200	3900	4800	5500	8520	9020	9710		
	6000	4134	200	3 / 6	4100	5100	5800	3600	4500	5100	8620	9120	9790		

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			With Sideshifter							
					2050H	2060H	2070H	2050H	2060H	2070H	2050H	2060H	2070H		
				mm		mm		degree		kg @ (600mm LC)		kg @ (600mm LC)		Kg	
Full Free 2-Stage	2500	2284	908	6 / 12	5000	6000	7000	4500	5400	6300	7790	8290	9100		
	3000	2534	1148	6 / 12	5000	6000	7000	4500	5400	6300	7890	8390	9210		

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			With Sideshifter							
					2050H	2060H	2070H	2050H	2060H	2070H	2050H	2060H	2070H		
				mm		mm		degree		kg @ (600mm LC)		kg @ (600mm LC)		Kg	
Full Free 3-Stage	4000	2574	1198	6 / 12	4600	5500	6200	4100	4900	5600	8320	8820	9620		
	4500	2745	1358	6 / 12	4600	5500	6200	4100	4900	5600	8450	8950	9720		
				4000		2912		1524		6 / 6		4300		5200	
				4500		3078		1692		3 / 6		4000		4900	
				5000		3244		1860		3 / 6		3700		4600	
				5500		3444		1860		3 / 6		3700		4600	
				6000		3644		1860		3 / 6		3700		4600	



**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
- Inch, brake and accelerator pedals
- Hand parking
- Floor mat

# OPTIONAL CONFIGURATION

## POWER SYSTEM

- Isuzu A-6BG1QC-02 diesel engine
- Perkins 1104D-44TA diesel engine
- PSI GM4.3 engine (Gas/LPG)
- 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