



TOUGH WORLD. TOUGH EQUIPMENT.

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# CLG2080H-100H

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

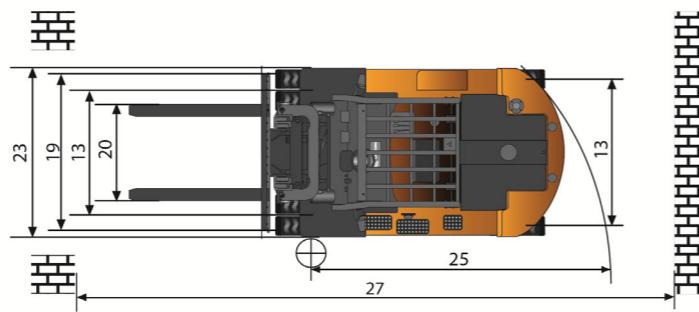
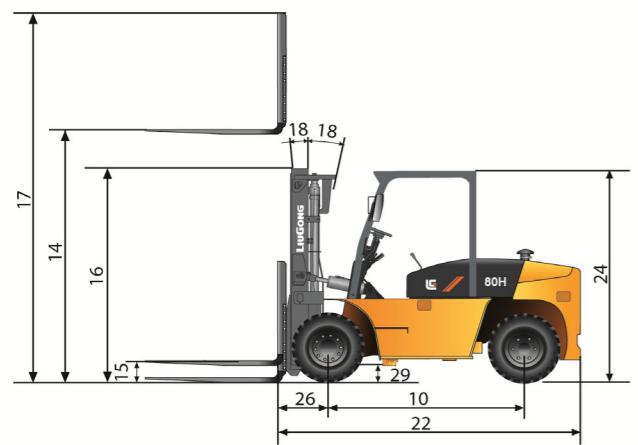
Using genuine LiuGong parts is key to keeping your costs low and your machine in top working order. Our extensive support network is always there when you need it, to maximize your business profitability.

## 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		CLG2080H			
Power Type		Diesel			
Base Capacity		8,000 kg			
Load Center		600 mm			
Service Weight		11,500 kg			
Weights		17,800 / 5,600 kg			
Axle Load		1,700 / 5,900 kg			
Tires		Pneumatic			
Tire Type		4 / 2 front / rear			
Wheels		2,600 mm			
Wheelbase		9.00-20-14PR front			
Tire Size		9.00-20-14PR rear			
Tread Width		1,600 / 1,720 mm			
Mast		3,000 mm			
Max. Fork Height		200 mm			
Free lift		2,696 mm			
Height, Upright Lowered		4,145 mm			
Height, Upright Extended		6° / 12° deg			
Mast Tilt, Fwd/Back		2,210 mm			
Carriage		410 / 2,130 mm			
Fork Spread		70×170×1,520 mm			
Fork Dimensions		4,260 mm			
Length to Fork Face		2,210 mm			
Overall Width		2,646 mm			
Overhead Guard Height		3,780 mm			
Turning Radius		710 mm			
Fork Overhang		5,300 mm			
Right Angle Stack		290 mm			
Ground Clearance		300 mm			
Performance		21 / 26 km/h			
Travel Speed		0.36 / 0.43 m/s			
Lift Speed		0.41 / 0.44 m/s			
Lower Speed		0.45 / 0.32 m/s			
Max. Drawbar Pull		5,600 kg			
Max. Gradeability		25 / 20 %			
Systems		30 / 25 km/h			
Brakes		Foot / Hyd			
Engine		Hand / Mech			
Brakes		Isuzu			
Engine		Yuchai			
Brakes		A-6BG1QC-02			
Engine		CHN Stage III			
Brakes		EU Stage I			
Brakes		4 cylinders			
Brakes		4.84 liters			
Brakes		6.49 kW/rpm			
Brakes		92 / 2,200 kW/rpm			
Brakes		82.4 / 2,000 kW/rpm			
Brakes		480 / 1,400-1,800 N · m/rpm			
Brakes		416.8 / 1,500 N · m/rpm			



# SPECIFICATION

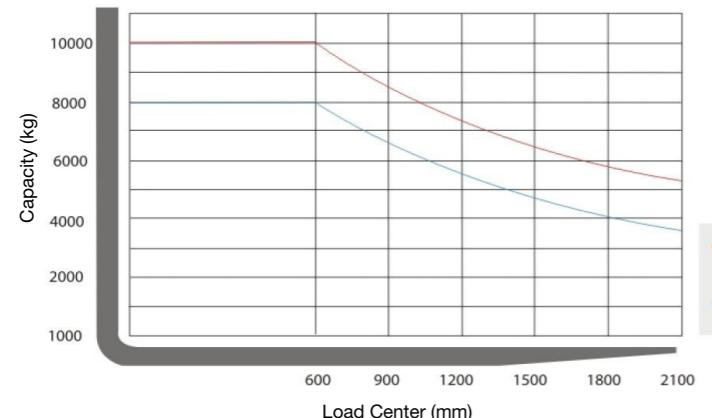
General		CLG2100H			
Power Type		Diesel			
Base Capacity		10,000 kg			
Load Center		600 mm			
Service Weight		12,800 kg			
Weights		20,300 / 5,620 kg			
Axle Load		2,500 / 7,180 kg			
Tires		Pneumatic			
Tire Type		4 / 2 front / rear			
Wheels		2,800 mm			
Wheelbase		9.00-20-14PR front			
Tire Size		9.00-20-14PR rear			
Tread Width		1,600 / 1,720 mm			
Mast		3,000 mm			
Max. Fork Height		200 mm			
Free lift		2,696 mm			
Height, Upright Lowered		4,145 mm			
Height, Upright Extended		6° / 12° deg			
Mast Tilt, Fwd/Back		2,210 mm			
Carriage		410 / 2,130 mm			
Fork Spread		80×175×1,520 mm			
Fork Dimensions		4,260 mm			
Length to Fork Face		2,210 mm			
Overall Width		2,646 mm			
Overhead Guard Height		4,060 mm			
Turning Radius		720 mm			
Fork Overhang		5,580 mm			
Right Angle Stack		290 mm			
Ground Clearance		300 mm			
Performance		21 / 26 km/h			
Travel Speed		0.36 / 0.43 m/s			
Lift Speed		0.41 / 0.44 m/s			
Lower Speed		0.45 / 0.32 m/s			
Max. Drawbar Pull		6,500 kg			
Max. Gradeability		25 / 20 %			
Systems		Foot / Hyd			
Brakes		Hand / Mech			
Engine		Isuzu			
Brakes		Yuchai			
Engine		A-6BG1QC-02			
Brakes		CHN Stage III			

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

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

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			
					2080H	2100H	2080H	2100H
Full Free 3-Stage	mm	mm	mm	degree	kg @ (600mm LC)	kg @ (600mm LC)	Kg	
	3500	2441	1160	6 / 12	7430	9340	6860	8680
							12023	13023



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

## UNDERCARRIAGE

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

## 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

## MAST

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

## ELECTRIC SYSTEM

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

## POWER SYSTEM

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

## ELECTRIC SYSTEM

- Amber warning light
- License plate light

## OPERATION STATION

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

## 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

# OPTIONAL CONFIGURATION