

| | |
|----------------------|--------------------|
| Engine | Cummins |
| Fuel Type | F3.8 Diesel |
| Capacity @ 600 mm LC | 7,000 to 10,000 kg |

CLG2070/80/100H

STAGE V & TIER 4F



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

HQ: www.liugong.com

MH: www.lgforklift.cn

Like and follow us:



LG FL-122018-ENG-EU

The LiuGong series of logos herein, including but not limited to word marks, device marks, letter of alphabet marks and combination marks, as the registered trademarks of Guangxi LiuGong Group Co., Ltd. are used by Guangxi LiuGong Machinery Co., Ltd. with legal permission, and shall not be used without permission. Specifications and designs are subject to change without notice. Illustrations and pictures may include optional equipment and may not include all standard equipment. Equipment and options varies by regional availability.

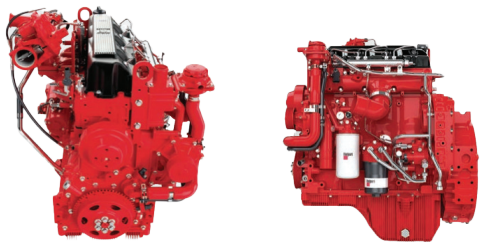
TOUGH WORLD. TOUGH EQUIPMENT.

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 EFFICENCY

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

GOOD VISIBILITY

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.

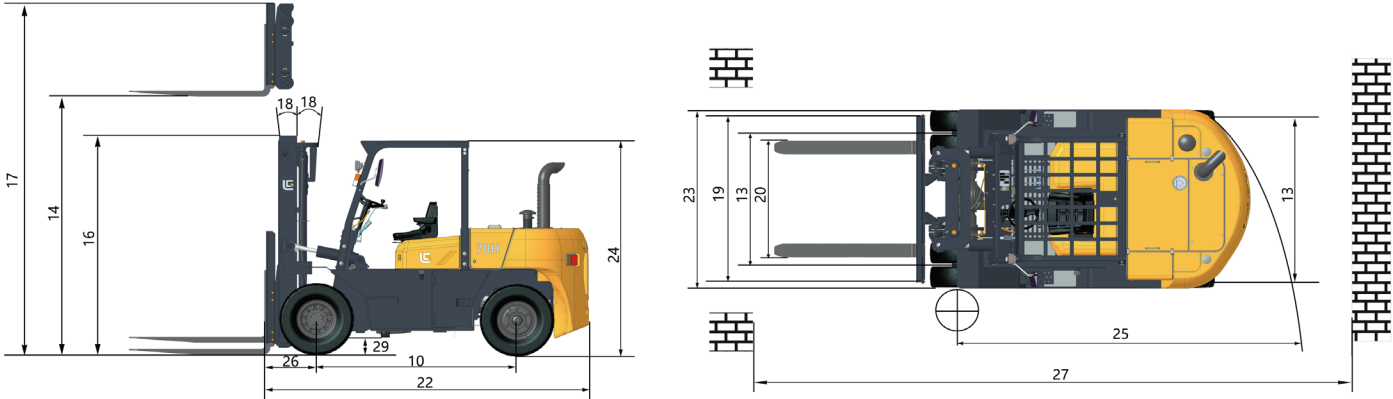
AFTER SALES SERVICE

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.



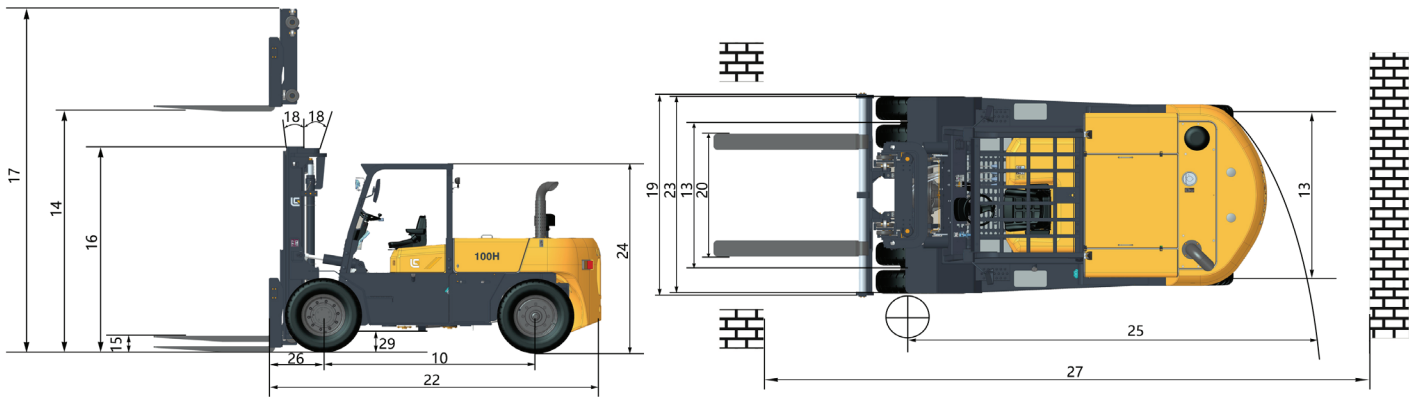
SPECIFICATION

| | | | | | |
|-------------|--------------------------|---------------------|-------------------------------|-----------|------------------|
| General | Model | 1 | | | CLG2070H |
| | Power Type | 2 | | | Diesel |
| | Base Capacity | 3 | @rated load center | kg | 7,000 |
| | Load Center | 4 | | mm | 600 |
| Weights | Service Weight | 5 | unloaded | kg | 9,300 |
| | Axle Load | 6 | loaded / unloaded, front | kg | 14,460/3,800 |
| | | 7 | loaded / unloaded, rear | kg | 1,840/5,500 |
| Tires | Tire Type | 8 | | | Pneumatic |
| | Wheels | 9 | front / rear | | 4 / 2 |
| | Wheelbase | 10 | | mm | 2,250 |
| | Tire Size | 11 | front | | 8.25x15 |
| | | 12 | rear | | 8.25x15 |
| | Tread Width | 13 | front / rear | | 1474/1730 |
| Mast | Max. Fork Height | 14 | with std 2-stage mast | mm | 3,000 |
| | Free lift | 15 | with std 2-stage mast | mm | 210 |
| | Height, Upright Lowered | 16 | with std 2-stage mast | mm | 2,534 |
| | Height, Upright Extended | 17 | with std 2-stage mast | mm | 4,377 |
| | Mast Tilt, Fwd/Back | 18 | with std 2-stage mast | deg | 6° / 12° |
| | Carriage | 19 | width | mm | 1,840 |
| | Fork Spread | 20 | minimum / maximum | mm | 300/1,840 |
| | Fork Dimensions | 21 | T x W x L | mm | 65 x 150 x 1,520 |
| Chassis | Length to Fork Face | 22 | with std 2-stage mast | mm | 3,650 |
| | Overall Width | 23 | | mm | 2,040 |
| | Overhead Guard Height | 24 | | mm | 2,475 |
| | Turning Radius | 25 | minimum outside | mm | 3,560 |
| | Fork Overhang | 26 | with std 2-stage mast | mm | 592 |
| | Right Angle Stack | 27 | add load length and clearance | mm | 3,760 |
| | Ground Clearance | 28 | minimum loaded | mm | 203 |
| 29 | | center of wheelbase | mm | 250 | |
| Performance | Travel Speed | 30 | loaded / unloaded | km/h | 26 / 28 |
| | Lift Speed | 31 | loaded / unloaded | m/s | 0.39 / 0.50 |
| | Lower Speed | 32 | loaded / unloaded | m/s | 0.50 / 0.40 |
| | Max. Drawbar Pull | 33 | loaded | kg | 6,000 |
| | Max. Gradeability | 34 | loaded / unloaded | % | 20 / 20 |
| Systems | Brakes | 35 | service | | Foot / Hyd |
| | | 36 | parking | | Hand / Mech |
| | Engine | 37 | manufacturer | | Cummins |
| | | 38 | model | | F3.8 |
| | | 39 | emission compliance | | T4F / STAGE V |
| | | 40 | cylinders | | 4 |
| | | 41 | displacement | liters | 3.8 |
| | | 42 | rated power | kW/rpm | 90/2,200 |
| | | 43 | Max. torque | N · m/rpm | 500 / 1,500 |



SPECIFICATION

| | | | | | | |
|-------------|--------------------------|----|-------------------------------|-----------|------------------|------------------|
| General | Model | 1 | | | CLG2080H | CLG2100H |
| | Power Type | 2 | | | Diesel | Diesel |
| | Base Capacity | 3 | @rated load center | kg | 8,000 | 10,000 |
| | Load Center | 4 | | mm | 600 | 600 |
| Weights | Service Weight | 5 | unloaded | kg | 11,500 | 12,500 |
| | Axle Load | 6 | loaded / unloaded, front | kg | 17,800/5,600 | 20,150/5,470 |
| | | 7 | loaded / unloaded, rear | kg | 1,700/5,900 | 2,350/7,030 |
| Tires | Tire Type | 8 | | | Pneumatic | Pneumatic |
| | Wheels | 9 | front / rear | | 4 / 2 | 4 / 2 |
| | Wheelbase | 10 | | mm | 2,600 | 2,800 |
| | Tire Size | 11 | front | | 9.00-20-14PR | 9.00-20-14PR |
| | | 12 | rear | | 9.00-20-14PR | 9.00-20-14PR |
| | Tread Width | 13 | front / rear | | 1,600/1,720 | 1,600/1720 |
| 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 | 200 |
| | Height, Upright Lowered | 16 | with std 2-stage mast | mm | 2,850 | 2,850 |
| | Height, Upright Extended | 17 | with std 2-stage mast | mm | 4,343 | 4,343 |
| | Mast Tilt, Fwd/Back | 18 | with std 2-stage mast | deg | 6° / 12° | 6° / 12° |
| | Carriage | 19 | width | mm | 2,080 | 2,080 |
| | Fork Spread | 20 | minimum / maximum | mm | 420/2,000 | 420/2,000 |
| | Fork Dimensions | 21 | T x W x L | mm | 80 x 175 x 1,520 | 80 x 175 x 1,520 |
| Chassis | Length to Fork Face | 22 | with std 2-stage mast | mm | 4,050 | 4,260 |
| | Overall Width | 23 | | mm | 2,170 | 2,170 |
| | Overhead Guard Height | 24 | | mm | 2,620 | 2,620 |
| | Turning Radius | 25 | minimum outside | mm | 3,780 | 4,060 |
| | Fork Overhang | 26 | with std 2-stage mast | mm | 717 | 717 |
| | Right Angle Stack | 27 | add load length and clearance | mm | 3,440 | 3,665 |
| | Ground Clearance | 28 | minimum loaded | mm | 246 | 246 |
| | | 29 | center of wheelbase | mm | 300 | 300 |
| Performance | Travel Speed | 30 | loaded / unloaded | km/h | 26 / 28 | 26 / 28 |
| | Lift Speed | 31 | loaded / unloaded | m/s | 0.34 / 0.38 | 0.34 / 0.38 |
| | Lower Speed | 32 | loaded / unloaded | m/s | 0.40 / 0.32 | 0.40 / 0.32 |
| | Max. Drawbar Pull | 33 | loaded | kg | 6,600 | 6,600 |
| | Max. Gradeability | 34 | loaded / unloaded | % | 30 / 28 | 30 / 28 |
| Systems | Brakes | 35 | service | | Foot / Hyd | Foot / Hyd |
| | | 36 | parking | | Hand / Mech | Hand / Mech |
| | Engine | 37 | manufacturer | | Cummins | Cummins |
| | | 38 | model | | F3.8 | F3.8 |
| | | 39 | emission compliance | | T4F / STAGE V | T4F / STAGE V |
| | | 40 | cylinders | | 4 | 4 |
| | | 41 | displacement | liters | 3.8 | 3.8 |
| | | 42 | rated power | kW/rpm | 90/2,200 | 90/2,200 |
| | | 43 | Max. torque | N · m/rpm | 500 / 1,500 | 500 / 1,500 |



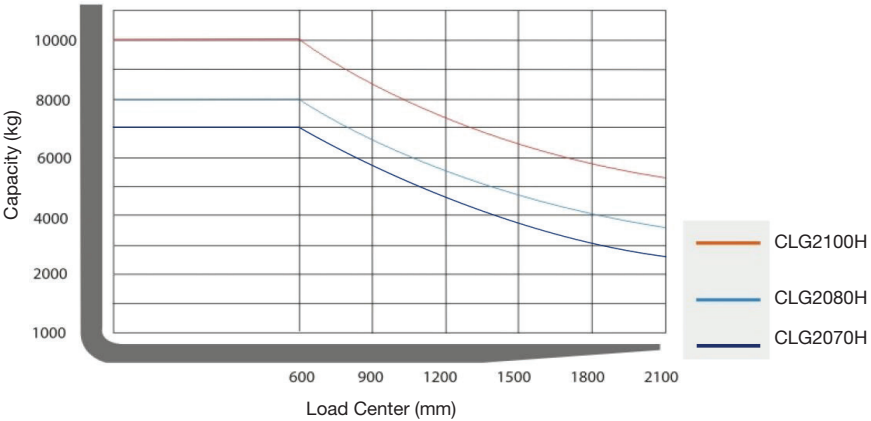


CAPACITY

| Mast type | M a x i m u m 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 | | | | | |
| | | | | | | | | | 2070H | 2080H |
| Standard 2-Stage | mm | mm | mm | degree | kg @ (600mm LC) | | | Kg | | |
| | 3000 | 2850 | 200 | 6 / 12 | 7000 | 8000 | 10000 | 9200 | 11500 | 12500 |
| | 3500 | 3035 | 200 | 6 / 12 | 7000 | 8000 | 10000 | 9280 | 11600 | 12600 |
| | 4000 | 3400 | 200 | 6 / 12 | 7000 | 8000 | 10000 | 9380 | 11700 | 12700 |
| | 4500 | 3585 | 200 | 6 / 12 | 7000 | 8000 | 10000 | 9530 | 11790 | 12790 |
| | 5000 | 3900 | 200 | 6 / 6 | 6600 | 7780 | 9450 | 9610 | 11930 | 12930 |
| | 5500 | 4135 | 200 | 3 / 6 | 6200 | 7430 | 9000 | 9780 | 12100 | 13100 |
| | 6000 | 4450 | 200 | 3 / 6 | 5800 | 7000 | 8550 | 9860 | 12190 | 13190 |

| Mast type | M a x i m u m 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 | | | | | |
| | | | | | 2070H | 2080H | 2100H | 2070H | 2080H | 2100H |
| | mm | mm | mm | degree | kg @ (600mm LC) | | | Kg | | |
| Full Free 2-Stage | 3000 | 2850 | 1577 | 6 / 12 | 7000 | 8000 | 10000 | 9130 | 11570 | 12570 |

| Mast type | M a x i m u m 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 | | | | | |
| | | | | | | 2070H | 2080H | 2100H | 2070H | 2080H |
| Full Free 3-Stage | mm | mm | mm | degree | kg @ (600mm LC) | | | Kg | | |
| | 4500 | 2872 | 1600 | 6 / 12 | 6200 | 7000 | 8000 | 9680 | 12250 | 13250 |
| | 6000 | 3370 | 2097 | 6 / 6 | 5000 | 5900 | 6500 | 9980 | 12620 | 13620 |



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

- Cummins F3.8 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

- 2nd refined air filter
- Middle exhaust

HYDRAULIC SYSTEM

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

ELECTRIC SYSTEM

- 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 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