#### Engin

Kubota 2.49L Gas/LPG Kubota 2.4L Diesel

#### Capacities

2,000-3,500 kg

## CLG2020-35H/G

**LIUGONG** 

**C2-SERIES FORKLIFTS** 



#### MODERN.ERGONOMIC.DURABLE.WELL SUPPORTED.

## LIUGONG

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:







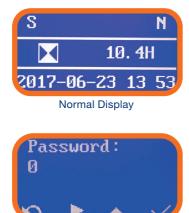
#### LIUGONG 052023-ENG

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.

## **MODERN**

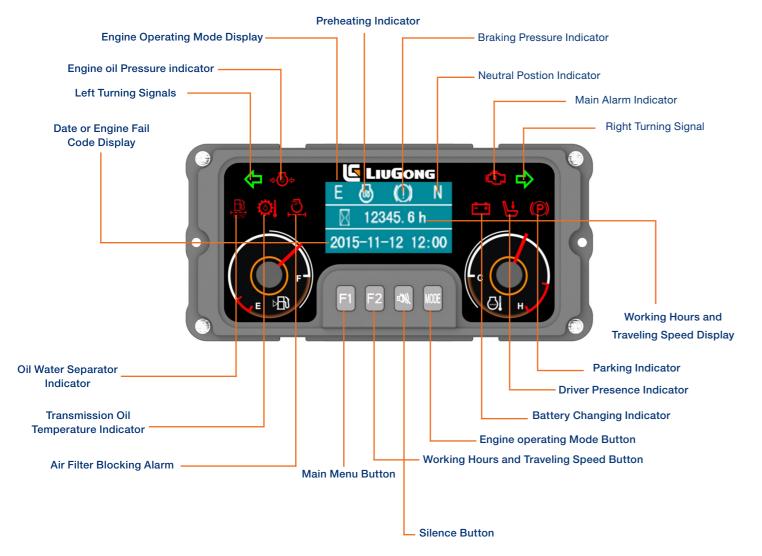
The LiuGong C2-Series has the features and high performance that you've come to expect in a modem forklift. Our new agressive styling reflects LiuGong's "DNA"going forward. These full featured machines will exceed your productivity expectations!

- HIGH PRODUCTIVITY
- INCREASED LIFT SPEEDS
- CANBUS ELECTRICAL SYSTEM
- ONBOARD DIAGNOSTICS
- MAINTENANCE REMINDERS
- LCD INSTRUMENT PANEL
- OPERATOR PASSCODE FEATURE





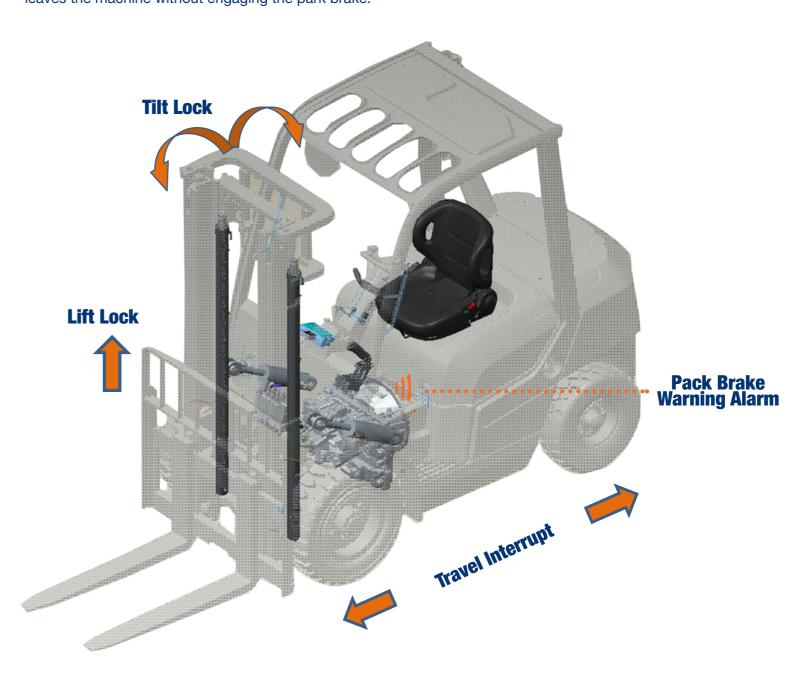
Password Login



#### **OPERATORS PRESENCE SENSING SYSTEM(OPS)**

This system uses a switch sensor built into the operator's seat to detect the presence of the operator.

In case the operator is not in the normal operating position, travel power is interrupted, and load handing operations are stopped to prevent unintentional movements. A warning alarm will sound if the operator leaves the machine without engaging the park brake.



# **ERGONOMIC**

LiuGong's customer driven design maximizes operator comfort and productivity.

Our goal is to have the most comfortable operator work space in the industry.



#### **STEERING**

Tilting steering column with autoretuan to preferred position.

Small diameter steering wheel for easy control.



Wide-bodies full suspension seat.



#### **OPERATION**

Ergonomic layout for comfortable operation.

Operation space increase 20%.



**REAR HANDLE** 

Rear handle with horn switch for safety.



#### **PARKING**

Parking brake is easy to reach, easy to apply and release.

Reduced operating power by 15%.



**VISIBILITY** 

Excellent rear visibility





Easy to reach large front grab handles.



**STEPS** 

Wide and low access steps.





**PEDALS** 

Lower 40% effort service brake pedles.

# **DURABLE**

The C2-Series is tough and durable, using quality components and innovative design. The Kubota 2.49L Gas/LPG engine is highly efficient and easy to maintain. For the Diesel models, the Kubota 2.43L engines have a proven track record for solid dependability.

#### **POWERFUL PERFORMANCE**

- 2020H-2035H
   Kubota V2403 diesel engine 2.4L.
- 2020G-2025G
   Kubota WG2503 LPG/GAS engine 2.49L.





#### **HYDRAULIC SYSTEM**

The new hydrulic system revolves around our new hydralic control valve, which is designed to optimize the hydraulic performance. The new system achieves 25% faster maximum lift speed and 40% faster lift speed at engine idle as the hydraulic pump is now driven off the transmission PTO.



## IMPROVED BRAKE SYSTEM

Our new low effort brake system design minimizes exposure to contamination resulting in improved reliability.Larger surface brake pads provide enhanced performance.

#### **LED LIGHTS**

LED flood lights and LED rear combination lights provide long life and improved lighting.





#### **3-FLUID COOLINE SYSTEM**

Designed for ambient temperatures up to 45°C to keep running when the going gets hot. Highly effcient and clog resistant keeps the key systems running cool. Electronic over temperature sensors protect your investment by reducing performance in the off chance of overheating.



#### TAPERED ROLLER BEARINGS

Tough and durable cast steering axle, able to withstand multi-axial loads applied to steer axle.

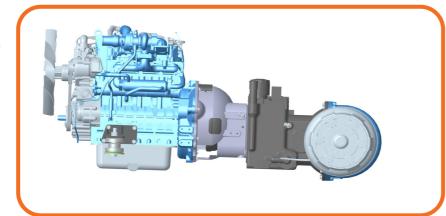


#### **AIR FILTER BLOCKING**

Protects the engine by alerting the operator that the engine airfilter requires service.

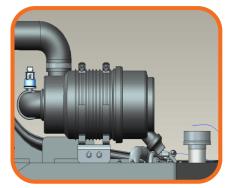
#### **TRANSMISSION**

These engines are coupled to our mature transmission which features improved power effciency and reliability.









# WELL SUPPORTED

LiuGong konw that easy serviceability and aftersales support is critical for maintaing machine uptime. The new C2-Series is designed for easy service access and quick diagnostics to ease maintenance and repair. Our factory trained dealer network, supported by LiuGong Regional Product Support Representatives, have the technical knowledge to keep your equipment operating at peak efficiency. These professionals are in turn, supported by Technical Product Specialists at LiuGong Machinery Europe B.V to support any issues which need additional attention.











#### **SERVICEBILITY**

- No-tools air filter maintenance
- Complete access to cooling system
- Fuse box inspection at a glance
- Serviceability and daily checks are esay with the one step column fold up and engine cover which opens 85 degress.all daily checks are within easy reach of the operator and the floor plate can be easily removed if necessary.
- 70% commonality of parts

#### **EASY TANK EXCHANGE**

There is a great serviceability all around the C-Series machines. LPG models come standard with swing-out, fold down tank brackets making LP tank replacement simple and easy. The tank bracket locks in open and closed positions for safety.





## STANDARD CONFIGURATION

#### **POWER SYSTEM**

- · Kubota diesel engine
- · High strength drive axle
- · Heavy duty steering axle
- Air filter with dual-elements
- Fuel system pre-filter
- Radiator
- Low exhaust

#### **HYDRAULIC SYSTEM**

- · 2-funtion hydraulic valve
- Hvdrostatic steering
- · Oil filter for intake and return
- · Hydraulic oil radiator

#### **ELECTRIC SYSTEM**

- 1 batteries
- · LED front combination lights
- · LED 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
- 1040mm Wide Class II carriage (CLG2020-25H/G)
- 1100mm Wide Class III carriage (CLG2030-35H/G)
- Load backrest
- 1070mm long Class II carriage (CLG2020-25H/G)
- 1070mm long Class III pallet forks (CLG2030-35H/G)

#### **OPERATOR STATION**

- Overhead guard
- · Locks for engine hood
- Full-suspension seat
- · Ignition lock
- · LCD display with OPS,air filter restriction alarms, fuel rate, water temperature, working hour,date or error code etc.
- Tilt steering column
- Inching, brake and accelerator pedals
- Hand parking
- Floor mat
- · Rear handle with horn.

## **OPTIONAL CONFIGURATION**

#### **POWER SYSTEM**

- Elevated air pre-cleaner
- 2nd refined air filter
- Middle exhaust
- Vertical exhaust

#### HYDRAULIC SYSTEM

- 3-funtion hydraulic valve
- 4-funtion hydraulic valve

#### **ELECTRIC SYSTEM**

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

#### UNDERCARRIAGE

- Solid pneumatic drive tires
- Solid pneumatic steer tires

#### MAST

- Full free 2-stage mast
- Full free 3-stage mast
- · Longer Class II or III pallet forks

#### **OPERATION STATION**

- Enclosed cabin
- Heater for cabin
- Operator fan
- Fire extinguisher
- Protective cover for tilt cylinde

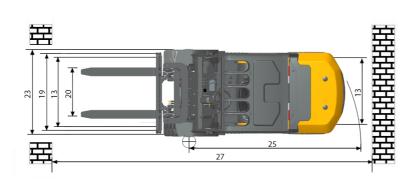
- Master kev
- Grammer full-suspension vinyl seat

## 

# **SPECIFICATION**

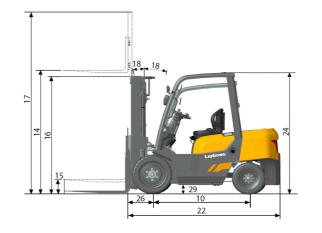
|             | Model                    | 1  |                               |           | CLG2020H        | CLG2020G                             |
|-------------|--------------------------|----|-------------------------------|-----------|-----------------|--------------------------------------|
|             | Power Type               | 2  |                               |           | Diesel          | Gas/LPG                              |
| General     | Base Capacity            | 3  | @rated load center            | kg        | 2,000           | 2,000                                |
|             | Load Center              | 4  |                               | mm        | 500             | 500                                  |
|             | Service Weight           | 5  | unloaded                      | kg        | 3,440           | 3,888                                |
| Weights     |                          | 6  | loaded / unloaded, front      | kg        | 4,719/1,539     | 4,407 / 1,231                        |
|             | Axle Load                | 7  | loaded / unloaded, rear       | kg        | 721/1,901       | 1,482 / 2,657                        |
|             | Tire Type                | 8  | ·                             | Ü         | Pneumatic       | Pneumatic                            |
|             | Wheels                   | 9  | front / rear                  |           | 2/2             | 2/2                                  |
| _           | Wheelbase                | 10 |                               | mm        | 1,650           | 1,650                                |
| Tires       |                          | 11 | front                         |           | 7.00-12-12PR    | 7.00-12-12PR                         |
|             | Tire Size                | 12 | rear                          |           | 6.00-9-10PR     | 6.00-9-10PR                          |
|             | Tread Width              | 13 | front / rear                  |           | 960 / 985       | 960 / 985                            |
|             | Max. Fork Height         | 14 | with std 2-stage mast         | mm        | 3,000           | 3,000                                |
|             | Free lift                | 15 | with std 2-stage mast         | mm        | 140             | 140                                  |
|             | Height, Upright Lowered  | 16 | with std 2-stage mast         | mm        | 2,193           | 2,193                                |
|             | Height, Upright Extended | 17 | with std 2-stage mast         | mm        | 4,076           | 4,076                                |
| Mast        | Mast Tilt, Fwd/Back      | 18 | with std 2-stage mast         | deg       | 6° /12°         | 6° /12°                              |
|             | Carriage                 | 19 | width                         | mm        | 1,040           | 1,040                                |
|             | Fork Spread              | 20 | minimum / maximum             | mm        | 244 / 1,040     | 244 / 1,040                          |
|             | Fork Dimensions          | 21 | TxWxL                         | mm        | 40x 122 x 1,070 | 40x 122 x 1,070                      |
|             | Length to Fork Face      | 22 | with std 2-stage mast         | mm        | 2,534           | 2,534                                |
|             | Overall Width            | 23 |                               | mm        | 1,150           | 1,150                                |
|             | Overhead Guard Height    | 24 |                               | mm        | 2,180           | 2,180                                |
| Chassis     | Turning Radius           | 25 | minimum outside               | mm        | 2,280           | 2,280                                |
| UlldSSIS    | Fork Overhang            | 26 | with std 2-stage mast         | mm        | 470             | 470                                  |
|             | Right Angle Stack        | 27 | add load length and clearance | mm        | 4,012           | 4,012                                |
|             | Ground Clearance         | 28 | minimum loaded                | mm        | 88              | 88                                   |
|             | divulla dicaralice       | 29 | center of wheelbase           | mm        | 145             | 145                                  |
|             | Travel Speed             | 30 | loaded / unloaded             | km/h      | 17 / 17.5       | 17.5 / 18                            |
|             | Lift Speed               | 31 | loaded / unloaded             | mm/s      | 555 / 600       | 600 / 625                            |
| Performance | Lower Speed              | 32 | loaded / unloaded             | mm/s      | 505 / 405       | 505 / 405                            |
|             | Max. Drawbar Pull        | 33 | loaded                        | kg        | 2,400           | 2,200                                |
|             | Max. Gradeability        | 34 | loaded / unloaded             | %         | 35 /29          | 31 / 29                              |
|             | Brakes                   | 35 | service                       |           | Foot / Hyd      | Foot / Hyd                           |
|             |                          | 36 | parking                       |           | Hand / Mech     | Hand / Mech                          |
|             |                          | 37 | manufacturer                  |           | Kubota          | Kubota                               |
|             |                          | 38 | model                         |           | V2403-CR-TE5B   | WJ2503-L-E3                          |
|             |                          | 39 | emission compliance           |           | EU Stage V      | EU Stage V/EPA                       |
| Systems     |                          | 40 | cylinders                     |           | 4               | 4                                    |
|             | Engine                   | 41 | displacement                  | liters    | 2.434           | 2.491                                |
|             |                          | 42 | rated power                   | kW/rpm    | 43.2 / 2,400    | 41.3 / 2,600                         |
|             |                          | 43 | Max. torque                   | N · m/rpm | 198.5 / 1,500   | 175 / 1,200(LPG)<br>167.6/1,800(GAS) |

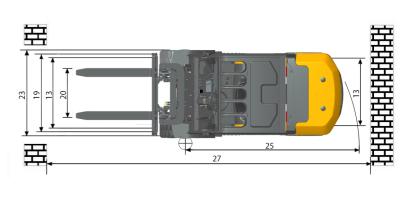




# **SPECIFICATION**

|             | Model                    | - 4 |                               |           | 01 0000511      | 01.000000                            |
|-------------|--------------------------|-----|-------------------------------|-----------|-----------------|--------------------------------------|
|             |                          | 1   |                               |           | CLG2025H        | CLG2025G                             |
| General     | Power Type               | 2   |                               |           | Diesel          | Gas/LPG                              |
|             | Base Capacity            | 3   | @rated load center            | kg        | 2,500           | 2,500                                |
|             | Load Center              | 4   |                               | mm        | 500             | 500                                  |
|             | Service Weight           | 5   | unloaded                      | kg        | 3,760           | 4,020                                |
| Weights     | Axle Load                | 6   | loaded / unloaded, front      | kg        | 5,443/1,468     | 5,223 / 1,246                        |
|             |                          | 7   | loaded / unloaded, rear       | kg        | 817/2,292       | 1,296 / 2,773                        |
|             | Tire Type                | 8   |                               |           | Pneumatic       | Pneumatic                            |
|             | Wheels                   | 9   | front / rear                  |           | 2/2             | 2/2                                  |
| Tires       | Wheelbase                | 10  |                               | mm        | 1,650           | 1,650                                |
|             | Tire Size                | 11  | front                         |           | 7.00-12-12PR    | 7.00-12-12PR                         |
|             |                          | 12  | rear                          |           | 6.00-9-10PR     | 6.00-9-10PR                          |
|             | Tread Width              | 13  | front / rear                  |           | 960 / 992       | 960 / 992                            |
|             | Max. Fork Height         | 14  | with std 2-stage mast         | mm        | 3,000           | 3,000                                |
|             | Free lift                | 15  | with std 2-stage mast         | mm        | 140             | 140                                  |
|             | Height, Upright Lowered  | 16  | with std 2-stage mast         | mm        | 2,030           | 2,030                                |
| Mast        | Height, Upright Extended | 17  | with std 2-stage mast         | mm        | 4,076           | 4,076                                |
| mast        | Mast Tilt, Fwd/Back      | 18  | with std 2-stage mast         | deg       | 6° /12°         | 6° /12°                              |
|             | Carriage                 | 19  | width                         | mm        | 1,040           | 1,040                                |
|             | Fork Spread              | 20  | minimum / maximum             | mm        | 244 / 1,040     | 244 / 1,040                          |
|             | Fork Dimensions          | 21  | TxWxL                         | mm        | 40x 122 x 1,070 | 40x 122 x 1,070                      |
|             | Length to Fork Face      | 22  | with std 2-stage mast         | mm        | 2,540           | 2,595                                |
|             | Overall Width            | 23  |                               | mm        | 1,150           | 1,150                                |
|             | Overhead Guard Height    | 24  |                               | mm        | 2,180           | 2,180                                |
| Obassia     | Turning Radius           | 25  | minimum outside               | mm        | 2,280           | 2,280                                |
| Unassis     | Fork Overhang            | 26  | with std 2-stage mast         | mm        | 475             | 475                                  |
| Chassis     | Right Angle Stack        | 27  | add load length and clearance | mm        | 3,954           | 3,954                                |
|             | 0                        | 28  | minimum loaded                | mm        | 110             | 110                                  |
|             | Ground Clearance         | 29  | center of wheelbase           | mm        | 150             | 150                                  |
|             | Travel Speed             | 30  | loaded / unloaded             | km/h      | 17 / 17.5       | 17.5 / 18                            |
|             | Lift Speed               | 31  | loaded / unloaded             | mm/s      | 555 / 600       | 600 / 625                            |
| Performance | Lower Speed              | 32  | loaded / unloaded             | mm/s      | 505 / 405       | 505 / 405                            |
|             | Max. Drawbar Pull        | 33  | loaded                        | kg        | 2,400           | 2,200                                |
|             | Max. Gradeability        | 34  | loaded / unloaded             | %         | 30 / 25         | 27 / 25                              |
|             |                          | 35  | service                       |           | Foot / Hyd      | Foot / Hyd                           |
|             | Brakes                   | 36  | parking                       |           | Hand / Mech     | Hand / Mech                          |
|             |                          | 37  | manufacturer                  |           | Kubota          | Kubota                               |
|             |                          | 38  | model                         |           | V2403-CR-TE5B   | WJ2503-L-E3                          |
|             |                          | 39  | emission compliance           |           | EU Stage V      | EU Stage V/EPA                       |
| Systems     |                          | 40  | cylinders                     |           | 4               | 4                                    |
| Oystollis   | Engine                   | 41  | displacement                  | liters    | 2.434           | 2.491                                |
|             | Engino                   | 42  | rated power                   | kW/rpm    | 43.2 / 2,400    | 41.3 / 2,600                         |
|             |                          | 43  | Max. torque                   | N · m/rpm | 198.5 / 1,500   | 175 / 1,200(LPG)<br>167.6/1,800(GAS) |

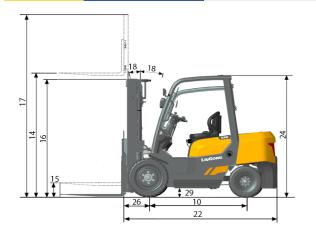


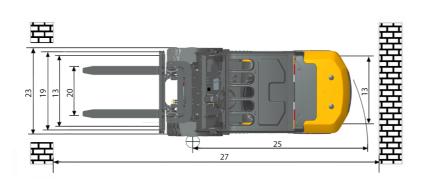


## 

# **SPECIFICATION**

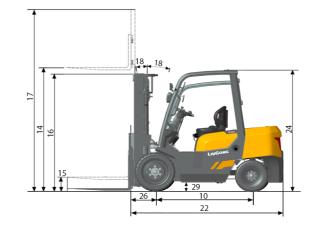
|             | Model                    | 1  |                               |           | CLG2030H         | CLG2030G                             |
|-------------|--------------------------|----|-------------------------------|-----------|------------------|--------------------------------------|
| 0           | Power Type               | 2  |                               |           | Diesel           | Gas/LPG                              |
| General     | Base Capacity            | 3  | @rated load center            | kg        | 3,000            | 3,000                                |
|             | Load Center              | 4  |                               | mm        | 500              | 500                                  |
|             | Service Weight           | 5  | unloaded                      | kg        | 4,440            | 4,440                                |
| Weights     |                          | 6  | loaded / unloaded, front      | kg        | 6,467 / 1,747    | 6,467 / 1,747                        |
|             | Axle Load                | 7  | loaded / unloaded, rear       | kg        | 973 / 2,693      | 973 / 2,693                          |
|             | Tire Type                | 8  |                               |           | Pneumatic        | Pneumatic                            |
|             | Wheels                   | 9  | front / rear                  |           | 2/2              | 2/2                                  |
|             | Wheelbase                | 10 |                               | mm        | 1,700            | 1,700                                |
| Tires       | <b>-</b>                 | 11 | front                         |           | 28x9-15-14PR     | 28x9-15-14PR                         |
|             | Tire Size                | 12 | rear                          |           | 6.50-10-10PR     | 6.50-10-10PR                         |
|             | Tread Width              | 13 | front / rear                  |           | 1,000 / 985      | 1,000 / 985                          |
|             | Max. Fork Height         | 14 | with std 2-stage mast         | mm        | 3,000            | 3,000                                |
|             | Free lift                | 15 | with std 2-stage mast         | mm        | 145              | 145                                  |
|             | Height, Upright Lowered  | 16 | with std 2-stage mast         | mm        | 2,105            | 2,105                                |
|             | Height, Upright Extended | 17 | with std 2-stage mast         | mm        | 4,182            | 4,182                                |
| Mast        | Mast Tilt, Fwd/Back      | 18 | with std 2-stage mast         | deg       | 6° /12°          | 6° / 12°                             |
|             | Carriage                 | 19 | width                         | mm        | 1,100            | 1,100                                |
|             | Fork Spread              | 20 | minimum / maximum             | mm        | 244 / 1,100      | 244 / 1,100                          |
|             | Fork Dimensions          | 21 | TxWxL                         | mm        | 45 x 122 x 1,070 | 45 x 122 x 1,070                     |
|             | Length to Fork Face      | 22 | with std 2-stage mast         | mm        | 2,688            | 2,688                                |
|             | Overall Width            | 23 |                               | mm        | 1,225            | 1,225                                |
|             | Overhead Guard Height    | 24 |                               | mm        | 2,200            | 2,200                                |
| Obsessio    | Turning Radius           | 25 | minimum outside               | mm        | 2,400            | 2,400                                |
| Chassis     | Fork Overhang            | 26 | with std 2-stage mast         | mm        | 475              | 475                                  |
|             | Right Angle Stack        | 27 | add load length and clearance | mm        | 4,075            | 4,075                                |
|             | Crownd Classica          | 28 | minimum loaded                | mm        | 130              | 130                                  |
|             | Ground Clearance         |    | center of wheelbase           | mm        | 165              | 165                                  |
|             | Travel Speed             | 30 | loaded / unloaded             | km/h      | 17.5 / 18.5      | 18.5 / 19                            |
|             | Lift Speed               | 31 | loaded / unloaded             | mm/s      | 505 / 550        | 550 / 570                            |
| Performance | Lower Speed              | 32 | loaded / unloaded             | mm/s      | 505 / 415        | 505 / 415                            |
|             | Max. Drawbar Pull        | 33 | loaded                        | kg        | 2,300            | 2,100                                |
|             | Max. Gradeability        | 34 | loaded / unloaded             | %         | 24 / 25          | 24 / 26                              |
|             | Brakes                   | 35 | service                       |           | Foot / Hyd       | Foot / Hyd                           |
|             | Diunco                   | 36 | parking                       |           | Hand / Mech      | Hand / Mech                          |
|             |                          | 37 | manufacturer                  |           | Kubota           | Kubota                               |
|             |                          | 38 | model                         |           | V2403-CR-TE5B    | WJ2503-L-E3                          |
|             |                          | 39 | emission compliance           |           | EU Stage V       | EU Stage V/EPA                       |
| Systems     |                          | 40 | cylinders                     |           | 4                | 4                                    |
|             | Engine                   | 41 | displacement                  | liters    | 2.434            | 2.491                                |
|             |                          | 42 | rated power                   | kW/rpm    | 43.2 / 2,400     | 41.3 / 2,600                         |
|             |                          | 43 | Max. torque                   | N · m/rpm | 198.5 / 1,500    | 175 / 1,200(LPG)<br>167.6/1,800(GAS) |
|             |                          |    |                               |           |                  | . , ,                                |

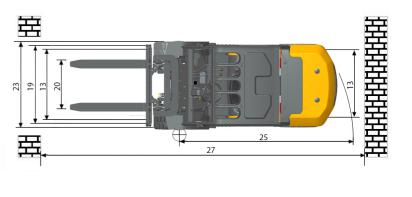




# **SPECIFICATION**

| Power Type   2   Base Capacity   3   @rated load center   kg   3,500   3,500   3,500   | 702<br>048<br>tic<br>4PR<br>0PR         |
|--|---|
| Base Capacity   3   @rated load center   kg   3,500   3,500  | 702<br>048<br>tic<br>4PR<br>0PR         |
| Service Weight   5   | 702<br>048<br>ttic<br>4PR<br>0PR<br>885 |
| Weights         Axle Load         6 loaded / unloaded, front kg         7,218 / 1,702  | 702<br>048<br>ttic<br>4PR<br>0PR<br>885 |
| Tire Type  | 048<br>tic<br>4PR<br>0PR<br>185         |
| Tire Type  | tic<br>4PR<br>0PR<br>185                |
| Wheels         9         front / rear         2 / 2         2 / 2           Wheelbase         10         mm         1,700         1,700           Tire Size         11         front         28x9-15-14PR         28x9-15-14PR         28x9-15-14PR           12         rear         6.50-10-10PR         6.50-10-1           Tread Width         13         front / rear         1,000 / 985         1,000 / 985           Max. Fork Height         14         with std 2-stage mast         mm         3,000         3,000  | 4PR<br>0PR<br>185                       |
| Wheelbase         10         mm         1,700         1,700           Tire Size         11         front         28x9-15-14PR         28x9-15-14PR         28x9-15-1           12         rear         6.50-10-10PR         6.50-10-1           Tread Width         13         front / rear         1,000 / 985         1,000 / 9           Max. Fork Height         14         with std 2-stage mast         mm         3,000         3,000   | 4PR<br>0PR<br>85                        |
| TireSize         11         front         28x9-15-14PR         28x9-15-1           12         rear         6.50-10-10PR         6.50-10-1           Tread Width         13         front / rear         1,000 / 985         1,000 / 9           Max. Fork Height         14         with std 2-stage mast         mm         3,000         3,000   | 4PR<br>0PR<br>85                        |
| Tire Size         11 tront         28x9-15-14PR         28x9-14PR         28x9-14PR | 0PR<br>185                              |
| 12   rear   6.50-10-10PR   6.50-10-1     Tread Width   13   front / rear   1,000 / 985   1,000 / 9     Max. Fork Height   14   with std 2-stage mast   mm   3,000   3,000  | 85                                      |
| Max. Fork Height 14 with std 2-stage mast mm 3,000 3,000   |   |
|  |   |
| Free lift 15 with ctd 2 ctage mast mm 1/6 1/6  |   |
| Free III. 13 With Std 2-Stage Mast. 11111 145 145  |   |
| Height, Upright Lowered 16 with std 2-stage mast mm 2,150 2,150  |   |
| Height, Upright Extended 17 with std 2-stage mast mm 4,182 4,182   |   |
| Mast Tilt, Fwd/Back 18 with std 2-stage mast deg 6° /12° 6° /12°   |   |
| Carriage         19         width         mm         1,100         1,100   |   |
| Fork Spread         20         minimum / maximum         mm         244 / 1,072         244 / 1,072  | 72                                      |
| Fork Dimensions         21         T x W x L         mm         45 x 122 x 1,070         45 x 122 x  | 1,070                                   |
| Length to Fork Face 22 with std 2-stage mast mm 2,738 2,738  |   |
| Overall Width         23         mm         1,225         1,225  |   |
| Overhead Guard Height 24 mm 2,200 2,200  |   |
| Turning Radius 25 minimum outside mm 2,435 2,435   |   |
| Chassis Fork Overhang 26 with std 2-stage mast mm 480 480  |   |
| Right Angle Stack 27 add load length and clearance mm 4,115 4,115  |   |
| Ground Clearance 28 minimum loaded mm 130 130  |   |
| 29 center of wheelbase mm 165 165  |   |
| Travel Speed         30         loaded / unloaded         km/h         17.5 / 18         18.5 / 1  | 9                                       |
| Lift Speed         31         loaded / unloaded         mm/s         505 / 550         550 / 57  | 0                                       |
| Performance         Lower Speed         32         loaded / unloaded         mm/s         505 / 415         505 / 415  | 5                                       |
| Max. Drawbar Pull         33         loaded         kg         2,300         2,100   |   |
| Max. Gradeability         34         loaded / unloaded         %         22 / 23         20 / 23   | <u> </u>                                |
| Brakes 35 service Foot / Hyd Foot / H  | yd                                      |
| 36 parking Hand / Mech Hand / M  | ech                                     |
| 37 manufacturer Kubota Kubota  | 1                                       |
| 38 model V2403-CR-TE5B WJ2503-L  | E3                                      |
| 39 emission compliance EU Stage V EU Stage V   | /EPA                                    |
| Systems 40 cylinders 4 4   |   |
| Engine 41 displacement liters 2.434 2.491  |   |
| 42 rated power kW/rpm 43.2 / 2,400 41.3 / 2,6  | 000                                     |
| 43 Max. torque N · m/rpm 198.5 / 1,500 175 / 1,200 167.6/1,800   |   |





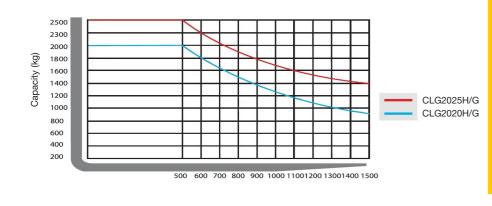


# CAPACITY

|          | Maximum Fork    | Mast Overall         | Freee Lift with | Mast Tilt<br>Angle<br>(F/B) |                     | Rated Loa | d Capacity       |         |                                     |         |
|----------|-----------------|----------------------|-----------------|-----------------------------|---------------------|-----------|------------------|---------|-------------------------------------|---------|
| ıst type | Height<br>(MFH) | Lowered Height (OAL) | Load Backrest   |                             | With Standard Forks |           | With Sideshifter |         | Total Weight with Standard<br>Forks |         |
| Mast     |                 |                      |                 |                             | 2020H/G             | 2025H/G   | 2020H/G          | 2025H/G | 2020H/G                             | 2025H/G |
|          | mm              | mm                   | mm              | degree                      | kg @ (50            | 0mm LC)   | kg @ (50         | 0mm LC) | K                                   | g       |
|          | 3000            | 2175                 | 140             | 6 / 12                      | 2000                | 2500      | 2000             | 2200    | 3650                                | 3850    |
| Stage    | 3500            | 2425                 | 140             | 6 / 12                      | 1890                | 2390      | 1850             | 2100    | 3716                                | 3916    |
| 2-Sta    | 4000            | 2725                 | 140             | 6 / 12                      | 1890                | 2390      | 1700             | 2100    | 3783                                | 3983    |
|          | 4500            | 2975                 | 140             | 6/6                         | 1800                | 2300      | 1630             | 1900    | 3849                                | 4049    |
| Standard | 5000            | 3205                 | 140             | 3/6                         | 1600                | 2000      | 1550             | 1400    | 3915                                | 4115    |
| Sta      | 5500            | 3725                 | 140             | 3/6                         | 1500                | 1700      | 1350             | 1100    | 3982                                | 4182    |
|          | 6000            | 3975                 | 140             | 3/6                         | 1350                | 1500      | 1200             | 800     | 4048                                | 4248    |

|                   | Maximum Fork<br>Height<br>(MFH) | Mast Overall            | Freee Lift with<br>Load<br>Backrest* | Mast Tilt      |           | Rated Loa  |          |           |         |                       |
|-------------------|---------------------------------|-------------------------|--------------------------------------|----------------|-----------|------------|----------|-----------|---------|-----------------------|
| Mast type         |                                 | Lowered<br>Height (OAL) |                                      | Angle<br>(F/B) | With Stan | dard Forks | With Sid | deshifter |         | with Standard<br>orks |
| Ma                |                                 |                         |                                      |                | 2020H/G   | 2025H/G    | 2020H/G  | 2025H/G   | 2020H/G | 2025H/G               |
|                   | mm                              | mm                      | mm                                   | degree         | kg @ (50  | 0mm LC)    | kg @ (50 | 0mm LC)   | ŀ       | (g                    |
| Full Free 2-Stage | 3000                            | 2175                    | 1087                                 | 6/12           | 2000      | 2500       | 2000     | 2500      | 3700    | 3900                  |

|         | Maximum Fork    | Mast Overall            | Freee Lift with<br>Load<br>Backrest* | Mast Tilt<br>Angle<br>(F/B) |                     | Rated Loa | d Capacity       |                 |                                     |         |  |
|---------|-----------------|-------------------------|--------------------------------------|-----------------------------|---------------------|-----------|------------------|-----------------|-------------------------------------|---------|--|
| st type | Height<br>(MFH) | Lowered<br>Height (OAL) |                                      |                             | With Standard Forks |           | With Sideshifter |                 | Total Weight with Standard<br>Forks |         |  |
| Mast    |                 |                         |                                      |                             | 2020H/G             | 2025H/G   | 2020H/G          | 2025H/G         | 2020H/G                             | 2025H/G |  |
|         | mm              | mm                      | mm                                   | degree                      | kg @ (500mm LC)     |           | kg @ (50         | kg @ (500mm LC) |                                     | Kg      |  |
|         | 4000            | 2010                    | 922                                  | 6/6                         | 1890                | 2390      | 1700             | 2100            | 3880                                | 4080    |  |
| 3-Stage | 4500            | 2095                    | 1007                                 | 6/6                         | 1800                | 2390      | 1630             | 2100            | 3942                                | 4142    |  |
|         | 4800            | 2165                    | 1077                                 | 6/6                         | 1720                | 2200      | 1600             | 2060            | 3970                                | 4170    |  |
| Free    | 5000            | 2265                    | 1177                                 | 3/6                         | 1600                | 2000      | 1350             | 1400            | 4005                                | 4205    |  |
| Fu      | 6000            | 2905                    | 1817                                 | 3/6                         | 1350                | 1500      | 1200             | 800             | 4129                                | 4329    |  |
|         | 7000            | 3585                    | 2497                                 | 3/6                         | 800                 | 1000      | 700              | 700             | 4252                                | 4454    |  |



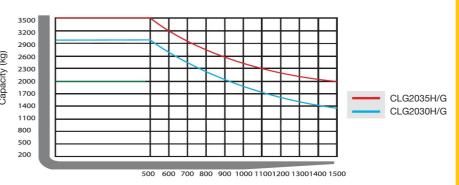
# Vertical axle stands for load capacity while horizontal axle stands for load center, Load center is the distance counted from the front of the fork. The base point of the standard load is the center point of the cubic with the same 1000mm dimension in length, width and height. The load capacity should 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.

# **CAPACITY**

|          | Marrian Faul                    | ximum Fork   Mast Overall | F 1 26 24.                          | March Tile                  |                     | Rated Loa |                  |         |                                     |         |
|----------|---------------------------------|---------------------------|-------------------------------------|-----------------------------|---------------------|-----------|------------------|---------|-------------------------------------|---------|
| st type  | Maximum Fork<br>Height<br>(MFH) | Lowered Height (OAL)      | Freee Lift with<br>Load<br>Backrest | Mast Tilt<br>Angle<br>(F/B) | With Standard Forks |           | With Sideshifter |         | Total Weight with Standard<br>Forks |         |
| Mast     |                                 |                           |                                     |                             | 2030H/G             | 2035H/G   | 2030H/G          | 2035H/G | 2030H/G                             | 2035H/G |
|          | mm                              | mm                        | mm                                  | degree                      | kg @ (500mm LC)     |           | kg @ (500mm LC)  |         | Kg                                  |         |
|          | 3000                            | 2195                      | 145                                 | 6 / 12                      | 3000                | 3500      | 3000             | 3250    | 4480                                | 4800    |
| 0        | 3300                            | 2345                      | 145                                 | 6 / 12                      | 3000                | 3250      | 3000             | 3100    | 4507                                | 4827    |
| Stage    | 3500                            | 2445                      | 145                                 | 6 / 12                      | 2750                | 3250      | 2750             | 3100    | 4546                                | 4860    |
| 2-8      | 4000                            | 2745                      | 145                                 | 6/6                         | 2600                | 3100      | 2500             | 3000    | 4613                                | 4933    |
| lard     | 4500                            | 2995                      | 145                                 | 3/6                         | 2400                | 2900      | 2300             | 2800    | 4697                                | 4999    |
| Standard | 5000                            | 3245                      | 145                                 | 3/6                         | 2200                | 2700      | 2100             | 2600    | 4745                                | 5065    |
| (I)      | 5500                            | 3745                      | 145                                 | 3/6                         | 2100                | 2600      | 2000             | 2500    | 4812                                | 5132    |
|          | 6000                            | 3995                      | 145                                 | 3/6                         | 2000                | 2500      | 1900             | 2400    | 4878                                | 5198    |

|           |                   | Maximum Fork    | Mast Overall            | Freee Lift with<br>Load<br>Backrest* | Mast Tilt<br>Angle<br>(F/B) |                     | Rated Loa | d Capacity       |         |                                     |         |
|-----------|-------------------|-----------------|-------------------------|--------------------------------------|-----------------------------|---------------------|-----------|------------------|---------|-------------------------------------|---------|
| Mast type | st type           | Height<br>(MFH) | Lowered<br>Height (OAL) |                                      |                             | With Standard Forks |           | With Sideshifter |         | Total Weight with Standard<br>Forks |         |
|           | <b>S</b>          |                 |                         |                                      |                             | 2030H/G             | 2035H/G   | 2030H/G          | 2035H/G | 2030H/G                             | 2035H/G |
|           |                   | mm              | mm                      | mm                                   | degree                      | kg @ (50            | 0mm LC)   | kg @ (50         | 0mm LC) | K                                   | g       |
|           | Full Free 2-Stage | 3000            | 2195                    | 1107                                 | 6 / 12                      | 3000                | 3500      | 3000             | 3250    | 4530                                | 4850    |

|         | Maximum Fork    | Mast Overall            | Freee Lift with | Mast Tilt<br>Angle<br>(F/B) |                     | Rated Loa | d Capacity       |         |                                     |         |
|---------|-----------------|-------------------------|-----------------|-----------------------------|---------------------|-----------|------------------|---------|-------------------------------------|---------|
| st type | Height<br>(MFH) | Lowered<br>Height (OAL) | Load Backrest*  |                             | With Standard Forks |           | With Sideshifter |         | Total Weight with Standard<br>Forks |         |
| Mast    |                 |                         |                 |                             | 2030H/G             | 2035H/G   | 2030H/G          | 2035H/G | 2030H/G                             | 2035H/G |
|         | mm              | mm                      | mm              | degree                      | kg @ (50            | 0mm LC)   | kg @ (50         | Omm LC) | K                                   | (g      |
|         | 4000            | 2030                    | 942             | 6/6                         | 2600                | 3100      | 2500             | 3000    | 4736                                | 5056    |
| Stage   | 4500            | 2195                    | 1107            | 6/6                         | 2400                | 2900      | 2300             | 2800    | 4801                                | 5121    |
| က်      | 4800            | 2265                    | 1177            | 6/6                         | 2350                | 2750      | 2250             | 2650    | 4830                                | 5150    |
| Free    | 5000            | 2365                    | 1277            | 3/6                         | 2200                | 2700      | 2100             | 2600    | 4866                                | 5186    |
| 量       | 6000            | 2915                    | 1827            | 3/6                         | 2000                | 2500      | 1900             | 2400    | 4996                                | 5316    |
|         | 7000            | 3605                    | 2517            | 3/6                         | 1700                | 2000      | 1500             | 1900    | 5125                                | 5445    |



#### 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 1000mm 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.