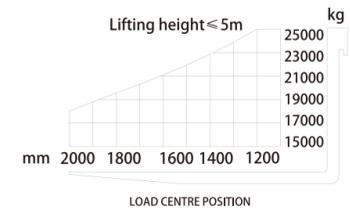


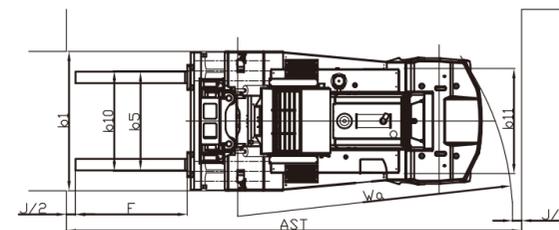
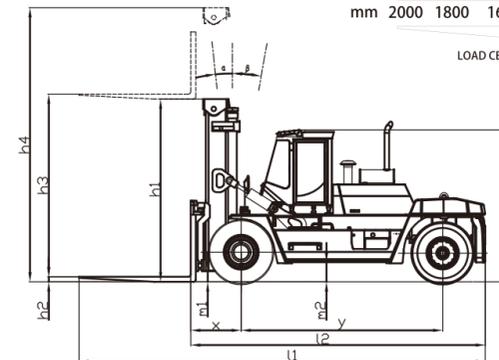
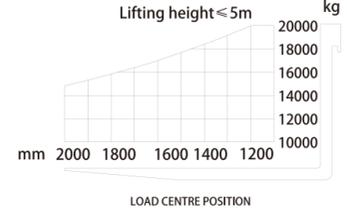
## Heavy IC Forklift Truck

| Distinguishing mark | HANGCHA GROUP CO.,LTD.                                          |                                                 |                                                        |                            |                 |                    |              |
|---------------------|-----------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------|----------------------------|-----------------|--------------------|--------------|
|                     | 1.1                                                             | 1.2                                             | 1.3                                                    | 1.4                        |                 |                    |              |
| 1.1                 | Manufacturer                                                    | CPCD200-W36                                     | CPCD200-W50                                            | CPCD250-W36                | CPCD250-W50     |                    |              |
| 1.2                 | Manufacturer's type designation                                 | Diesel                                          | Diesel                                                 | Diesel                     | Diesel          |                    |              |
| 1.3                 | Drive: electric (battery or mains), diesel, petrol, fuel gas    | Seated                                          | Seated                                                 | Seated                     | Seated          |                    |              |
| 1.4                 | Operator type: hand, pedestrian, standing, seated, order-picker | 20000                                           | 20000                                                  | 25000                      | 25000           |                    |              |
| 1.5                 | Rated capacity/rated load                                       | Q (kg)                                          | 20000                                                  | 20000                      | 25000           |                    |              |
| 1.6                 | Load centre distance                                            | c (mm)                                          | 1200                                                   | 1200                       | 1200            |                    |              |
| 1.7                 | Load distance, centre of drive axle to fork                     | x (mm)                                          | 1100                                                   | 1100                       | 1100            |                    |              |
| 1.8                 | Wheelbase                                                       | y (mm)                                          | 4400                                                   | 4400                       | 4400            |                    |              |
| Weight              | 2.1                                                             | Service Weight                                  | kg                                                     | 33500                      | 33500           | 35500              | 35500        |
| Tyres, chassis      | 3.2                                                             | Tyre size, front                                | 14.00-24-24PR                                          | 14.00-24-24PR              | 14.00-24-28PR   | 14.00-24-28PR      |              |
|                     | 3.3                                                             | Tyre size, rear                                 | 14.00-24-24PR                                          | 14.00-24-24PR              | 14.00-24-28PR   | 14.00-24-28PR      |              |
|                     | 3.5                                                             | Wheels, number front / rear (x = driven wheels) | 4x/2                                                   | 4x/2                       | 4x/2            | 4x/2               |              |
|                     | 3.6                                                             | Tread, front                                    | 2200                                                   | 2200                       | 2200            | 2200               |              |
| 3.7                 | Tread, rear                                                     | b11 (mm)                                        | 2300                                                   | 2300                       | 2300            | 2300               |              |
| Dimensions          | 4.1                                                             | Tilt of mast/fork carriage forward/backward     | α/β(°)                                                 | 6/10                       | 6/10            | 6/10               | 6/10         |
|                     | 4.2                                                             | Height, mast lowered                            | h1 (mm)                                                | 4000                       | 4000            | 4000               | 4000         |
|                     | 4.3                                                             | Free lift                                       | h2 (mm)                                                | 110                        | 110             | 110                | 110          |
|                     | 4.4                                                             | Lift                                            | h3 (mm)                                                | 4000                       | 4000            | 4000               | 4000         |
|                     | 4.5                                                             | Height, mast extended                           | h4 (mm)                                                | 6000                       | 6000            | 6000               | 6000         |
|                     | 4.7                                                             | Height of cabin                                 | h6 (mm)                                                | 3380                       | 3380            | 3380               | 3380         |
|                     | 4.19                                                            | Overall length                                  | l1 (mm)                                                | 8810                       | 8810            | 8810               | 8810         |
|                     | 4.20                                                            | Length to face of forks                         | l2 (mm)                                                | 6370                       | 6370            | 6370               | 6370         |
|                     | 4.21                                                            | Overall width                                   | b1 (mm)                                                | 3050                       | 3050            | 3050               | 3050         |
|                     | 4.22                                                            | Fork dimensions ISO 2331                        | s/e/l (mm)                                             | 2440x250x110               | 2440x250x110    | 2440x250x110       | 2440x250x110 |
| 4.25                | Distance between fork-arms                                      | bs (mm)                                         | 900/2600                                               | 900/2600                   | 900/2600        | 900/2600           |              |
| 4.31                | Ground clearance, laden, below mast                             | m1 (mm)                                         | 300                                                    | 300                        | 300             | 300                |              |
| 4.32                | Ground clearance, centre of wheelbase                           | m2 (mm)                                         | 450                                                    | 450                        | 450             | 450                |              |
| 4.35                | Turning radius                                                  | Wa (mm)                                         | 6000                                                   | 6000                       | 6000            | 6000               |              |
| Performance Data    | 5.1                                                             | Travel speed, laden/unladen                     | km/h                                                   | 25/28                      | 25/28           | 25/28              | 25/28        |
|                     | 5.2                                                             | Lift speed, laden/unladen                       | m/s                                                    | 0.3/0.33                   | 0.3/0.33        | 0.3/0.33           | 0.3/0.33     |
|                     | 5.5                                                             | Drawbar pull, laden/unladen                     | N                                                      | 160000/-                   | 160000/-        | 160000/-           | 160000/-     |
|                     | 5.7                                                             | Gradeability, laden/unladen                     | %                                                      | 25/-                       | 25/-            | 25/-               | 25/-         |
|                     | 5.10                                                            | Service brake                                   |                                                        | Wet disc brake system(WDB) |                 |                    |              |
|                     | Parking brake                                                   |                                                 | Spring Applied,Hydraulic release multidisc brake(SAHR) |                            |                 |                    |              |
| Combustion-engine   | 7.1                                                             | Engine manufacturer/type                        | CUMMINS/QSCB.3                                         | CUMMINS/QSL9.0 250         | CUMMINS/QSCB.3  | CUMMINS/QSL9.0 250 |              |
|                     |                                                                 | Emission STD                                    | StageIIIA/Tier3                                        | StageIIIB/Tier4            | StageIIIA/Tier3 | StageIIIB/Tier4    |              |
|                     | 7.2                                                             | Engine power according to DIN ISO 1585          | kw                                                     | 179                        | 186             | 179                | 186          |
|                     | 7.3                                                             | Rated speed                                     | min                                                    | 2200                       | 2200            | 2200               | 2200         |
|                     | 7.4                                                             | Number of cylinders/displacement                | (-) / (cm³)                                            | 6/8300                     | 6/8900          | 6/8300             | 6/8900       |
|                     | 7.10                                                            | Battery voltage/nominal capacity                | V/Ah                                                   | 2x12/150                   | 2x12/150        | 2x12/150           | 2x12/150     |
|                     |                                                                 | Rated torque                                    | N.m/r/min                                              | 1085/1500                  | 1085/1500       | 1085/1500          | 1085/1500    |
|                     | Bore x stroke                                                   | mm                                              | 114x135                                                | 114x145                    | 114x135         | 114x145            |              |

RATED CAPACITIES AND LOAD CENTRES GRAPH



RATED CAPACITIES AND LOAD CENTRES GRAPH



## 20-25t Forklift Mast Specification

| Type           | Max. fork height |      | Overall height |      |          |      | Tilt range |             | Load capacity |       |
|----------------|------------------|------|----------------|------|----------|------|------------|-------------|---------------|-------|
|                |                  |      | Lowered        |      | Extended |      | FWD/RWD    | L.C.@1200mm |               |       |
| Wide view mast | mm               | mm   | mm             | mm   | mm       | mm   | (°)        | (°)         | kg            | kg    |
|                | 20t              | 25t  | 20t            | 25t  | 20t      | 25t  | 20t        | 25t         | 20t           | 25t   |
|                | 3300             | 3300 | 3650           | 3650 | 5290     | 5290 | 6/10       | 6/10        | 20000         | 25000 |
|                | 3600             | 3600 | 3800           | 3800 | 5590     | 5590 | 6/10       | 6/10        | 20000         | 25000 |
|                | 4000             | 4000 | 4000           | 4000 | 5990     | 5990 | 6/10       | 6/10        | 20000         | 25000 |
|                | 4300             | 4300 | 4150           | 4150 | 6290     | 6290 | 6/10       | 6/10        | 20000         | 25000 |
|                | 4500             | 4500 | 4250           | 4250 | 6490     | 6490 | 6/10       | 6/10        | 20000         | 25000 |
|                | 4800             | 4800 | 4400           | 4400 | 6790     | 6790 | 6/10       | 6/10        | 20000         | 25000 |
|                | 5000             | 5000 | 4550           | 4550 | 7040     | 7040 | 6/10       | 6/10        | 20000         | 25000 |
|                | 5500             | 5500 | 4800           | 4800 | 7540     | 7540 | 3/6        | 3/6         | 19000         | 24000 |
| 6000           | 6000             | 5100 | 5100           | 8090 | 8090     | 3/6  | 3/6        | 17500       | 22500         |       |
| 6500           | 6500             | 5350 | 5350           | 8590 | 8590     | 3/6  | 3/6        | 15500       | 20500         |       |



## Heavy IC Forklift Truck

with capacities of 20,000 to 25,000kg



### Hangcha Europe GmbH

Mariechen-Graulich-Straße 12a,  
65439 Flörsheim am Main,  
Germany

Tel: 0049-61453769188

E-mail: admin@hangchaeurope.com

Mob: 0049-16096548808 (Thomas Dittrich)

E-mail: thomas.dittrich@hangchaeurope.com

Zip Code Area (1,2,3,4,5,6,7)

Mob: 0049-1605272481 (Jens Abmuth)

E-mail: jens.assmuth@hangchaeurope.com

Zip Code Area (0,8,9)

www.hangchaeurope.com



Follow us on Instagram



Follow us on Facebook



Follow us on YouTube



Download "Hangcha Forklift" App



ISO14001:2015



ISO9001:2015



HANGCHA trucks conform to the European Safety Requirements.

2020 VERSION 1/COPYRIGHT 2020/12

HANGCHA GROUP CO.,LTD. reserves the right to make any changes without notice concerning colors, equipment, or specifications detailed in this brochure, or to discontinue individual models. The colors of trucks, delivered may differ slightly from those in brochures.

The World of Hangcha



# Heavy IC Forklift Truck

Environment/  
Efficiency/  
Economy



## Power System

/ Cummins QSC8.3 supercharged engine, Emissions comply with EPA 3 and EU III requirements; High performance, low energy consumption, low speed with high torque, great power reserves. And the engine is equipped with big dimension radiator and suction fan, it reduce the temperature of inlet air and ensure the reliability of cooling system. Using the special peripheral accessories recommended by Cummins, ensure the normal use and maintenance of the engine.

## Transmission System

/ ZF micro controller with 3 stage power-shift is to make sure the high reliability. Using the most advanced TCU microelectronic control transmission proportional control valve to achieve uninterrupted power output and automatic transmission, no need the driver manual shift operation. Fault display and convenient diagnostic socket, greatly simplifying maintenance and repairs. German Kessler heavy load drive axle, with two stage speed adjust, multi-disc wet service brake system, is fully enclosed system with maintenance free.

## Hydraulic System

/ International famous brand hydraulic valve, the main hydraulic pump, the guide handle. Load sensing hydraulic system, reduce the continuous load of engine; Remote hydraulic control and electric control are simple and convenient. Multiple hydraulic testing points simplify the maintenance work.

## Mast

/ Widened duplex mast, reinforced frame, broad vision; Dual valves limit the speed, better security. Sideshifter is the standard configuration.

## Brake System

/ USA MICO hydraulic power brake, wet multi-disc service braking and spring action, caliper disc parking brake system with forced cooling by oil, is safe and reliable.

## Steering System

/ Single transverse arranged cylinder of steering axle has dual function, full hydraulic power steering, steering has priority, with load sensing function, for easy operation.

## Electrical System

/ Implement the latest international, national and industry standards. The OPS using the seat, and to improve driving safety and norms. The use of advanced CAN bus communication system, high reliability, good anti-jamming; The CAN controller collect information of engine, transmission, all types of sensors, pressure switches and faults, and operator can view various information intuitively from the high-performance colored LCD. The central distribution control box use the product of BASSMANN, compact, beautiful and clear.

## Cabin

/ Integral full suspension tilting cabin, connected with the frame through damping rubber, which can shield most of vibration and noise. The tilted cabin which configured wide vision, suspension seat, electric control and hydraulic control joystick, is simple and easy for operation and maintenance. It provides a large space for drivers legs.

## Standard

- / Neutral switch
- / Wide view mast
- / Gauge of hydraulic level
- / 4 Sec. multi-way valve
- / Radiator
- / Pattern oil-resistant tyres
- / Fuel dipstick
- / Full hydraulic power steering
- / Self-lock valve
- / Rubber pedal pad
- / Limit lift speed valve
- / Air cleaner
- / Charge indicator lamp
- / Oil pressure warning
- / OPS
- / Pre-heat indicator lamp
- / Oil temperature gauge
- / Front wiper
- / Rear wiper
- / Speedometer
- / Hour meter
- / Water temperature gauge
- / Air condition
- / Fuel gauge
- / Cabin
- / Pin
- / Fork positioner side shift
- / Hand lamp
- / Horn
- / Mirror
- / Tool box
- / Standard fork
- / Standard seat
- / Buzzer
- / Front combination lamp
- / Rear combination lamp

## Options

- / Customer painting
- / Working lamp
- / Other dimension fork
- / Rear-view camera
- / Warning lamp
- / Air pre-cleaner



Rema tiller head



Auxiliary wheels are equipped to have better stability



Modern outline design



Tandem load wheel