

# G<sup>LO</sup>BAL SALES NETWORK



CE CERTIFICATE



ISO14001: 2004



ISO9001: 2008

## Heavy truck

28.0/32.0t Diesel



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### 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

Poclain 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.

### 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 driver's legs.

### 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.





#### Standard

- Handle
- Bracket of lamp
- Air condition
- Cabin
- Pin
- Fork positioner side shift
- Hand lamp
- Horn
- Mirror
- Tool box
- Standard fork
- Standard seat
- Buzzer
- Front combination lamp
- Rear combination lamp
- 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

#### Optional

- Customer painting
- Working lamp
- Other dimension fork
- Rear-view camera
- Reverse sensor



- Capacious and bright cabin and suspension seat.



- Electric control and hydraulic control joystick & high-performance colored LCD.

28-32t forklift specification

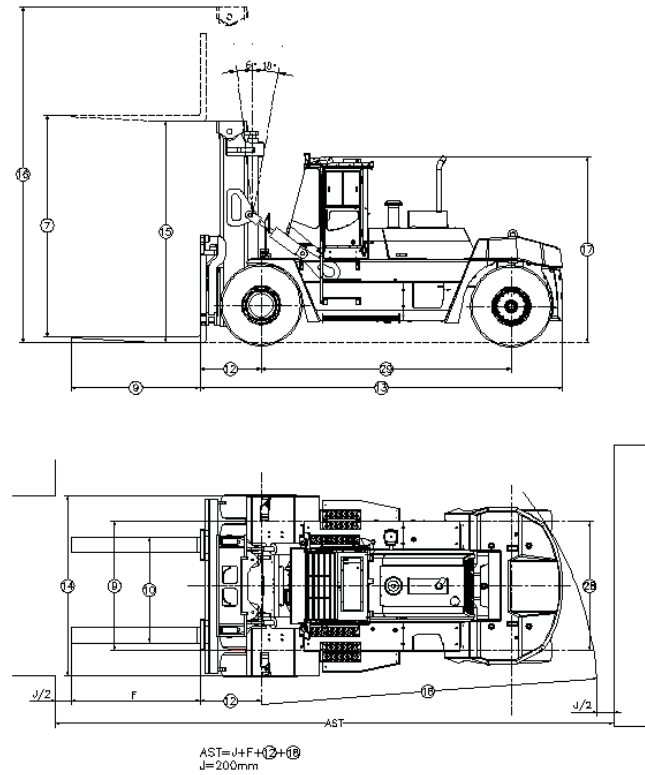
|             |                                 |                                           |                                         |          |                                                   |                 |                |                 |                     |                 |
|-------------|---------------------------------|-------------------------------------------|-----------------------------------------|----------|---------------------------------------------------|-----------------|----------------|-----------------|---------------------|-----------------|
| General     | 1                               | Manufacture                               |                                         |          | HANGCHA GROUP CO. , LTD.                          |                 |                |                 |                     |                 |
|             | 2                               | Basic model                               |                                         |          | CPCD280-W36                                       |                 | CPCD300-W36    |                 | CPCD320-W36         |                 |
|             | 3                               | Type                                      |                                         |          | Quantitative system                               | Variable system | Quantitative   | Variable system | Quantitative system | Variable system |
|             | 4                               | Power type                                |                                         |          | Diesel                                            |                 | Diesel         | Diesel          | Diesel              |                 |
|             | 5                               | Rated capacity                            |                                         | kg       | 28000                                             |                 | 30000          | 30000           | 32000               |                 |
|             | 6                               | Load center                               |                                         | mm       | 1200                                              |                 | 1200           | 1200            | 1200                |                 |
| Dimensions  | 7                               | Lift height                               |                                         | mm       | 4000                                              |                 | 4000           | 4000            | 4000                |                 |
|             | 8                               | Free lift height                          |                                         | mm       | 0                                                 |                 | 0              | 0               | 0                   |                 |
|             | 9                               | Fork size                                 | L W T                                   | mm       | 2440 300 110                                      |                 | 2440 300 110   | 2440 300 110    | 2440 300 110        |                 |
|             | 10                              | Fork spread (outside)                     | Min/Max                                 | mm       | 1000/3000                                         |                 | 1000/3000      | 1000/3000       | 1000/3000           |                 |
|             | 11                              | Mast tilt range                           | F/R                                     | deg      | 6/10                                              |                 | 6/10           | 6/10            | 6/10                |                 |
|             | 12                              | Fork overhang (wheel center to fork face) |                                         | mm       | 1160                                              |                 | 1160           | 1160            | 1160                |                 |
|             | 13                              | Overall dimensions                        | Length without fork/with fork           | mm       | 6890/9330                                         |                 | 6890/9330      | 6890/9330       | 6890/9330           |                 |
|             | 14                              |                                           | Overall width                           | mm       | 3420                                              |                 | 3420           | 3420            | 3420                |                 |
|             | 15                              |                                           | Mast lowered height                     | mm       | 4200                                              |                 | 4200           | 4200            | 4200                |                 |
|             | 16                              |                                           | Mast extended height                    | mm       | 6200                                              |                 | 6200           | 6200            | 6200                |                 |
|             | 17                              |                                           | Cabin height                            | mm       | 3550                                              |                 | 3550           | 3550            | 3550                |                 |
| 18          | Turning radius (outside)        |                                           | mm                                      | 6600     |                                                   | 6600            | 6600           | 6600            |                     |                 |
| 19          | Min. right angle aisle width    |                                           | mm                                      | 7760+J+F |                                                   | 7760+J+F        | 7760+J+F       | 7760+J+F        |                     |                 |
| Performance | 20                              | Speed                                     | Travel (Forward) without load/with load | km/h     | 25/22                                             |                 | 25/22          | 25/22           | 25/22               |                 |
|             | 21                              |                                           | Lifting (without load/with load)        | mm/s     | 280/250                                           | 300/270         | 280/250        | 290/260         | 280/250             | 290/260         |
|             | 22                              | Max. gradeability (laden)                 |                                         | %        | 20                                                |                 | 20             | 20              | 20                  |                 |
|             | 23                              | Max. drawbar pull                         |                                         | kN       | 220                                               |                 | 220            | 220             | 220                 |                 |
|             | 24                              | Service weight                            |                                         | kg       | 40000                                             |                 | 42000          | 42000           | 43500               |                 |
| Wheel&Tyres | 25                              | Tyre                                      | Front                                   |          | 16. 00-25-32PR                                    |                 | 16. 00-25-32PR | 16. 00-25-32PR  | 16. 00-25-32PR      |                 |
|             | 26                              |                                           | Rear                                    |          | 16. 00-25-32PR                                    |                 | 16. 00-25-32PR | 16. 00-25-32PR  | 16. 00-25-32PR      |                 |
|             | 27                              |                                           | No. of Tyre F/R                         |          | 4/2                                               |                 | 4/2            | 4/2             | 4/2                 |                 |
|             | 28                              | Thread                                    | Front/Rear                              | mm       | 2460/2440                                         |                 | 2460/2440      | 2460/2440       | 2460/2440           |                 |
|             | 29                              | Wheelbase                                 |                                         | mm       | 4750                                              |                 | 4750           | 4750            | 4750                |                 |
|             | 30                              | Ground clearance                          | Mast (without load)                     | mm       | 300                                               |                 | 300            | 300             | 300                 |                 |
|             | Wheelbase center (without load) |                                           |                                         | 450      |                                                   | 450             | 450            | 450             |                     |                 |
| Brake       | 31                              | Service Brake                             |                                         |          | Wet disc brake system      Wet disc brake system  |                 |                |                 |                     |                 |
|             | 32                              | Parking Brake                             |                                         |          | Spring Applied, Hydraulic release multidisc brake |                 |                |                 |                     |                 |
| Power       | 33                              | Battery                                   | Voltage/Capacity                        | V/Ah     | 2 12/150                                          |                 | 2 12/150       | 2 12/150        | 2 12/150            |                 |
|             | 34                              | Engine                                    | Model                                   |          | QSC8. 3                                           |                 | QSC8. 3        | QSC8. 3         | QSC8. 3             |                 |
|             | 35                              |                                           | Manufacture                             |          | CUMMINS                                           |                 | CUMMINS        | CUMMINS         | CUMMINS             |                 |
|             | 36                              |                                           | Rated output                            | kw/rpm   | 179/2200                                          |                 | 179/2200       | 179/2200        | 179/2200            |                 |
|             | 37                              |                                           | Rated torque                            | Nm/rpm   | 1085/1500                                         |                 | 1085/1500      | 1085/1500       | 1085/1500           |                 |
|             | 38                              |                                           | No. of cylinder                         |          | 6                                                 |                 | 6              | 6               | 6                   |                 |
|             | 39                              |                                           | Bore Stroke                             | mm       | 114 135                                           |                 | 114 135        | 114 135         | 114 135             |                 |
|             | 40                              |                                           | Displacement                            | cc       | 8. 3                                              |                 | 8. 3           | 8. 3            | 8. 3                |                 |

Remark: 1. Quantitative system means quantitative hydraulic pump, variable system means using the variable hydraulic pump(optional).  
2. The specification in the table are for standard models only. For further information please contact us. 3. Specification are subject change without notice.

28-32t mast specification

| Type           | Max. fork height |      |      | Overall height |      |      |          |      |      | Tilt range |      |      |
|----------------|------------------|------|------|----------------|------|------|----------|------|------|------------|------|------|
|                |                  |      |      | Lowered        |      |      | Extended |      |      | FWD/RWD    |      |      |
|                | mm               | mm   | mm   | mm             | mm   | mm   | mm       | mm   | mm   | mm         |      |      |
| Wide view mast | 28t              | 30t  | 32t  | 28t            | 30t  | 32t  | 28t      | 30t  | 32t  | 28t        | 30t  | 32t  |
|                | 3600             | 3600 | 3600 | 4000           | 4000 | 4000 | 5790     | 5790 | 5790 | 6/10       | 6/10 | 6/10 |
|                | 4000             | 4000 | 4000 | 4200           | 4200 | 4200 | 6190     | 6190 | 6190 | 6/10       | 6/10 | 6/10 |
|                | 4300             | 4300 | 4300 | 4350           | 4350 | 4350 | 6490     | 6490 | 6490 | 6/10       | 6/10 | 6/10 |
|                | 4500             | 4500 | 4500 | 4450           | 4450 | 4450 | 6690     | 6690 | 6690 | 6/10       | 6/10 | 6/10 |
|                | 4800             | 4800 | 4800 | 4600           | 4600 | 4600 | 6990     | 6990 | 6990 | 6/10       | 6/10 | 6/10 |
|                | 5000             | 5000 | 5000 | 4750           | 4750 | 4750 | 7240     | 7240 | 7240 | 6/10       | 6/10 | 6/10 |
|                | 5500             | 5500 | 5500 | 5000           | 5000 | 5000 | 7740     | 7740 | 7740 | 3/6        | 3/6  | 3/6  |
|                | 6000             | 6000 | 6000 | 5300           | 5300 | 5300 | 8290     | 8290 | 8290 | 3/6        | 3/6  | 3/6  |
|                | 6500             | 6500 | 6500 | 5550           | 5550 | 5550 | 8790     | 8790 | 8790 | 3/6        | 3/6  | 3/6  |
|                | 7000             | 7000 | 7000 | 5850           | 5850 | 5850 | 9340     | 9340 | 9340 | 3/6        | 3/6  | 3/6  |

Dimensions



Chart

