

GLOBAL SALES NETWORK

SINOMACH

SINOMACH SINOMACH-HI INTERNATIONAL EQUIPMENT CO.,LTD.



R Series

8.0/10.0t Diesel



CE CERTIFICATE



ISO14001

ISO14001: 2004



ISO9001

ISO9001: 2008

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国机重工集团国际装备有限公司
SINOMACH-HI INTERNATIONAL EQUIPMENT CO.,LTD.

R series 8.0 - 10.0t forklift specification

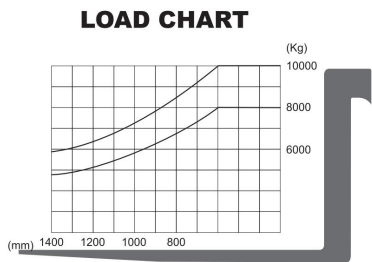
| General | | SINOMACH | | | | | | | | | | | | | | | | | | |
|---------|--|-------------------------|--------------------|-----------------|------------|---------|------------|--------------|------------------|------|----------|--|------------|------|--------------|--|------------------|--|----------|--|
| | | CPCD80 | | | | CPCD100 | | | | | | | | | | | | | | |
| 1 | Manufacture | SINOMACH | | | | | | | | | | | | | | | | | | |
| 2 | Basic model | RG17 | | | | RW14 | | RW41 | | RW28 | | | | | | | | | | |
| 3 | Type | Diesel | | | | Diesel | | | | | | | | | | | | | | |
| 4 | Power type | Diesel | | | | | | | | | | | | | | | | | | |
| 5 | Rated capacity | kg | | | | kg | | | | | | | | | | | | | | |
| 6 | Load center | mm | | | | mm | | | | | | | | | | | | | | |
| 7 | Lift height | mm | | | | mm | | | | | | | | | | | | | | |
| 8 | Free lift height | mm | | | | mm | | | | | | | | | | | | | | |
| 9 | Fork size | mm | | | | mm | | | | | | | | | | | | | | |
| 10 | Fork spread(outside) | mm | | | | mm | | | | | | | | | | | | | | |
| 11 | Mast tilt range | ° | | | | ° | | | | | | | | | | | | | | |
| 12 | Fork overhang(Wheel center to fork face) | mm | | | | mm | | | | | | | | | | | | | | |
| 13-17 | Overall dimensions | Length to face of fork | | mm | | mm | | mm | | mm | | | | | | | | | | |
| | | Overall width | | mm | | mm | | mm | | mm | | | | | | | | | | |
| | | Mast lowered height | | mm | | mm | | mm | | mm | | | | | | | | | | |
| | | Mast extended height | | mm | | mm | | mm | | mm | | | | | | | | | | |
| | | Overhead guard height | | mm | | mm | | mm | | mm | | | | | | | | | | |
| 18 | Turning radius(outside) | mm | | | | mm | | | | | | | | | | | | | | |
| 19 | Min.right angle aisle width | mm | | | | mm | | | | | | | | | | | | | | |
| 20 | Min.right angle stacking aisle width (Add load length and clearance) | mm | | | | mm | | | | | | | | | | | | | | |
| 21 | Speed | Travel | km/h | 26 | 25 | 28 | 24 | 26 | 25 | 28 | 24 | | | | | | | | | |
| | | Lifting(Full load) | mm/s | 380 | | | | 330 | | | | | | | | | | | | |
| 22 | Max.gradeability(Full load) | % | | | | | | | | | | | | | | | | | | |
| 23 | Service weight | kg | | | | kg | | | | | | | | | | | | | | |
| 25 | Tyres | Front | mm | 9.00-20-14PR | | | | 9.00-20-14PR | | | | | | | | | | | | |
| | | Rear | mm | 9.00-20-14PR | | | | 9.00-20-14PR | | | | | | | | | | | | |
| 27 | Tread | Front / Rear | mm | 1600/1700 | | | | 1600/1700 | | | | | | | | | | | | |
| 28 | Wheelbase | mm | | | | | | | | | | | | | | | | | | |
| 29 | Ground clearance | mm | | | | | | | | | | | | | | | | | | |
| 30 | Battery | Voltage / Capacity(SHR) | | V/Ah | | 2x12/90 | | 2x12/90 | | | | | | | | | | | | |
| 31-43 | Power & transmission | Model | YC6B125 | | 6BG1QP | | BB-6BG1TRC | | QSB4.5 | | YC6B125 | | 6BG1QP | | BB-6BG1TRC | | QSB4.5 | | | |
| | | Manufacture | CHINA,YUCHAI | | ISUZU | | CUMMINS | | CHINA,YUCHAI | | ISUZU | | CUMMINS | | CHINA,YUCHAI | | CUMMINS | | | |
| | | Rated output | kW/r/min | | 84.6/2200 | | 84.6/2200 | | 97.7/2200 | | 82/2200 | | 84.6/2200 | | 97.7/2200 | | 82/2200 | | | |
| | | Rated torque | N.m/r/min | | 463/1500 | | 411/1500 | | 490/1400 | | 488/1500 | | 463/1500 | | 411/1500 | | 490/1400 | | 488/1500 | |
| | | No. of cylinder | mm | | 6 | | 6 | | 4 | | 6 | | 6 | | 4 | | 6 | | 4 | |
| | | Bore x Stroke | mm | | 108x125 | | 105x125 | | 107x124 | | 108x125 | | 105x125 | | 107x124 | | 108x125 | | 107x124 | |
| | | Emission STD. | / | | / | | Stage II | | Stage IIIA/Tier3 | | / | | / | | Stage II | | Stage IIIA/Tier3 | | / | |
| | | Displacement | ml | | 6871 | | 6494 | | 4460 | | 6871 | | 6494 | | 4460 | | 6871 | | 4460 | |
| | | Fuel tank capacity | L | | 120 | | 120 | | 120 | | 120 | | 120 | | 120 | | 120 | | 120 | |
| | | 40-42 | Transmissions | Manufacture | CHINA | | | | CHINA | | | | CHINA | | | | | | | |
| | | | | Type | Powershift | | | | Powershift | | | | Powershift | | | | | | | |
| | | | | Stage | FWD/RVS | | | | 2/2 | | | | 2/2 | | | | | | | |
| | | 43 | Operating pressure | For attachments | | MPa | | 19.5 | | 19.5 | | | | 19.5 | | | | | | |

Note: * With suspension seat or cabin. 1. Special lifting height available. 2. Attachment available. 3. The specifications in the table are for standard models only. For further information please contact us. 4. Specifications are subject to change without notice.

R series 8.0 - 10.0t forklift mast specification:

| Type | Model | Overall height | | Free lift | Tilt range | Capacity | | |
|----------------|-------|----------------|----------|-----------|------------|------------------|-------------|-------|
| | | Lowered | Extended | | | Without backrest | Double tire | |
| Wide view mast | 8M | mm | mm | mm | ° | ° | kg | |
| | | 2500 | 2450 | 3710 | 200 | 6 | 12 | 8000 |
| | | 2700 | 2550 | 3910 | 200 | 6 | 12 | 8000 |
| | | 3000 | 2700 | 4210 | 200 | 6 | 12 | 8000 |
| | | 3300 | 2850 | 4510 | 200 | 6 | 12 | 8000 |
| | | 3600 | 3000 | 4810 | 200 | 6 | 12 | 8000 |
| | | 4000 | 3200 | 5210 | 200 | 6 | 12 | 8000 |
| | | 4300 | 3400 | 5510 | 200 | 6 | 6 | 8000 |
| | | 4500 | 3500 | 5710 | 200 | 6 | 6 | 8000 |
| | | 4800 | 3650 | 6010 | 200 | 6 | 6 | 7600 |
| | | 5000 | 3750 | 6210 | 200 | 6 | 6 | 7600 |
| | | 5500 | 4050 | 6740 | 200 | 3 | 6 | 7300 |
| Wide view mast | 10M | mm | mm | mm | ° | ° | kg | |
| | | 2500 | 2600 | 4055 | 200 | 6 | 12 | 10000 |
| | | 2700 | 2700 | 4255 | 200 | 6 | 12 | 10000 |
| | | 3000 | 2850 | 4555 | 200 | 6 | 12 | 10000 |
| | | 3300 | 3000 | 4855 | 200 | 6 | 12 | 10000 |
| | | 3600 | 3150 | 5155 | 200 | 6 | 12 | 10000 |
| | | 4000 | 3350 | 5555 | 200 | 6 | 12 | 10000 |
| | | 4300 | 3550 | 5855 | 200 | 6 | 6 | 10000 |
| | | 4500 | 3650 | 6055 | 200 | 6 | 6 | 10000 |
| | | 4800 | 3800 | 6355 | 200 | 6 | 6 | 9500 |
| | | 5000 | 3900 | 6555 | 200 | 6 | 6 | 9500 |
| | | 5500 | 4200 | 7055 | 200 | 3 | 6 | 8500 |
| 6000 | 4450 | 7555 | 200 | 3 | 6 | 7500 | | |

Note: with integral sideshifter minus 400Kg.



Frame

Vertical sides help the driver work safely with less damage, even in an area with low-level obstructions.

Thick chassis plates resist distortion, reduce damage and minimise refurbishment costs.

The wide mast, low scuttle and high seating position gives the operator an excellent view of the forks and of the way ahead-reducing load damage and accidents.

Well positioned lights ensure optimum vision to both the front and back-essential in containers. Much attention has been given to the carriage design, with an integral fork positioner.



Easier maintenance and servicing

Along with the kind of engineering that promises unsurpassed performance and productivity in all applications, our forklifts are designed with many features that facilitate maintenance and servicing. For example, the wide-opening top panel and radiator cover are equipped with gas stays and convenient hand grips that enable quick access to the engine compartment.

Non-slip floor and step

The wide-open step is not only convenient to access but safer thanks to anti-slip mats. To further improve safety in demanding work conditions, the floor board is constructed of embossed steel to reduce the possibility of slipping.



Options

- 2.5-6.0m duplex mast
- Special carriage and backrest
- Solid tyre
- Cabin
- Heater and air conditioner
- Other dimension forks
- Sideshifter
- Other attachment
- Fire extinguisher
- Suspension seat
- Dual air cleaner or special air cleaner
- Rear working light
- Customer painting



DIMENSIONS

