

R Series

1.0 / 1.5 / 1.8 / 2.0 / 2.5
3.0 / 3.5 / 4.0 / 4.5 / 5.0 T
Gasoline / LPG



OKAMURA 2-3t T / M is Floating Types, The only one in China. Floating types are designed to reduce the transmission of vibrations to the chassis in small and midsized (1 to 5 tons) forklift trucks, thereby reducing operator fatigue and improving riding comfort. Specially-shortened design is ideal for this floating-type Installation.

Compact design offers same dimensions as conventional integrated models.

May be coupled to the differential axles. Making installation, removal, and maintenance easy.

Options

- 2.0-5.0m duplex mast
- 2.5-4.0m full free duplex mast
- 4.3-6.5m triplex mast
- Special carriage and backrest
- Other dimension forks
- Dual drive wheel with fender
- Solid tyre
- Colored tyre(white、green)
- Cabin
- Heater and air condition
- Fire extinguisher
- Semi-suspension seat or full-suspension seat
- Dual air cleaner or special air cleaner
- Rear working light
- Customer painting
- Auxiliary hydraulic valve modules
- High-mounted exhaust system
- Middle-mounted exhaust system
- Anti-fire spark exhaust device
- 3-way catalytic muffler
- LPG swing-down bracket
- Radiator screen
- Sideshifter
- Integrated sideshifter
- Other attachment
- LPG fuel system(single、dual)



ISO14001: 2004



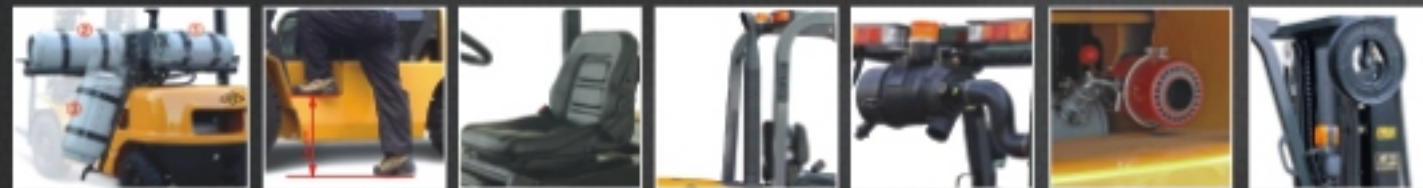
ISO9001: 2000



CE CERTIFICATE



1.0 / 1.5 / 1.8 / 2.0 / 2.5
3.0 / 3.5 / 4.0 / 4.5 / 5.0 T
Gasoline / LPG



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HCIE is authorized to deal with the whole import & export business of **ZHEJIANG HANGCHA ENGINEERING MACHINERY CO.,LTD.**



浙江杭叉工程机械股份有限公司
ZHEJIANG HANGCHA ENGINEERING MACHINERY CO.,LTD.

durable: **HYDRAULICS**
clean, reliable: **ENGINES**
progressive: **BRAKES**
cool, smooth: **TRANSMISSION**

INTRODUCTION

The new generation R series forklift is combined with durability and ergonomics, providing productivity unmatched by other forklifts and the comfort for hours of tireless operation. Add friendliness to the environment, simple servicing, efficiency on the job, high standards of safety—it's the perfect tool for the most demanding applications.

TRANSMISSION & ENGINE

The transmission can be chosen among OKAMURA, NISSAN and HC (made in china with the Japanese technique), with advanced structure and dependable function. Among them, the OKAMURA transmission adopts advanced float type structure, which can achieve a flexible connection between engine and frame, the vibrations of transmission to the frame is reduced. The engine can be chosen among the TD27, C240, 4JG2, 4TNV94L diesel engine and H20, H25 gasoline engine, with great power, economical fuel consumption and dependable functions.

OPERATION

Adopted advanced ergonomic technology optimizes the design of control system, improves the comfortable of operation much more.

Adopted advanced vibration-reduction technology designs each part's vibration reduction, reduces the whole truck vibration. Among them, the hood is designed to full floating type, and vibration reduction device for steering axle enables the operation more comfortable.



The torque converter models adopt electronic-hydraulic forward-reverse control technology, meaning less effort and less total time used during this often-performed function.

Adopted recently developed redirector decreases the steering wheel force to 6~8N only, that reduce 50% compared with former truck.

The grease fittings and bushes added around the shaft of control mechanism decreases the force of pedal, that are reduced 30% compared with former truck.

HEAT DISSIPATION

Newly adopted combined type aluminum radiator improves the radiator cooling performance greatly.

Advanced heat dissipation technology improves heat dissipation channel, that enhances the truck heat dissipation capability further, the water temperature is reduced 15% compared with former truck.

CYLINDER

Oil seal rings used for tilting cylinder, lifting cylinder and turning cylinder all adopt the first class international product, the sealing performance has been proven through ten of thousands fatigue test.

The soft landing system for lifting cylinder decreases the level of noise and shock when the mast lowered to termination phase.

BRAKES

The 1-5.0t forklifts all adopt the new type drum brake. waterproof slot on the brake drum and framework oil seal on the axle tube avoid water or oil entering the brake drum, enable the dependability of brake to raise consumedly.



simple. Easy: **SERVICE**
simple, comprehensive: **PANEL**
strong, wide view: **MASTS**
so much footroom: **DRIVER ROOM**

APPEARANCE

The latest appearance design method was used to create the R series fluent and aesthetic outline, that matches the latest appearance trend.

The large engineering plastic covering enables the whole truck looks friendly and natural.

EFFICIENCY

Thanks to the long wheelbase design, the longitudinal stability of whole truck is much better, the hoisting capacity at same lift height are enhanced by an average of 100kg compared with former truck. At the same time, it prolongs work time of rear wheel as the reduced rear axle's load.

The travel speed of truck has been raised, for example, the 2-2.5t type comes to 20km/h.

Increasing the hard proportion of hydraulic pipe, adopting right angle connector or straight through connector, that reduce the pressure loss of pipeline, and raise the lifting speed of mast, the speed is increased by an average of 10% compared with former truck.

Turning radius and width of right angle stacking aisle are decreased through reducing the dimensions of whole truck, that raise the efficiency of storehouse.



SERVICING

Dual air spring supporting hood and one-touch removal of the floorboard get you right to service operations ,and reduces down-time.

The reasonable arrangement of fuse and installation of instrument, enable the replacing for fuse and maintenance for instrument more easy.

CLEAN

The environment friendly engines all meet EU stage-II emission control regulation. The noise emission also comes up to EU standard.

The Metal hood and molding sound insulation matches environmental protection demands.

SAFE

A throttling device is set in pipe system, the mast won't result in failing control of mast even some pipes broke.

By using a built-in hood lock device, the safe level of the truck has been raised.



For more than 30 years, **Zhejiang Hangcha Engineering Machinery CO., LTD.** Has played a leading role in the manufacture and production of Chinese forklift industry . We constantly strive to develop and incorporate the latest advances in forklift design and technology to ensure that our products provide an optimum level of performance, all the time. Our new generation R series of forklifts truly exemplifies this commitment to excellence.

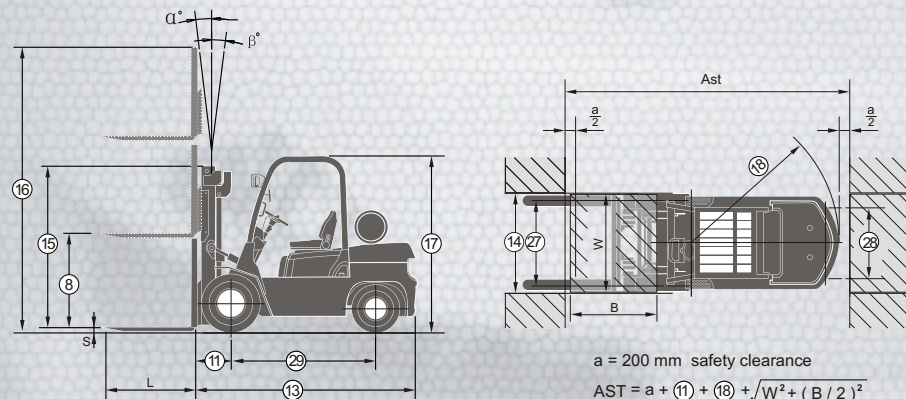
- The clearance between the steering axle and support rod can be adjusted, to improve the adaptability for ground.
- The pin of the tilt cylinder adopts a build-in grease fitting, which enables the greas fitting more dependable.
- The high performance specific tires for forklift trucks increase the work life of tires much more.

R series 1.0 / 1.5 / 1.8 / 2.0 / 2.5 / 3.0t Gasoline forklift specification:

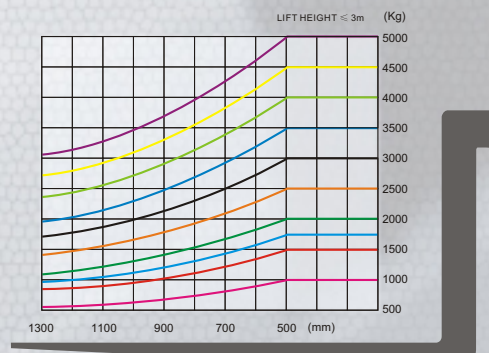
| General | | CPQD10N | | CPQD15N | | CPQD18N | | CPQD20N | | | | | CPQD25N | | | | |
|---------|---|---|------------------------|--------------|------------|-----------------|--------------|-----------------|------------|-----------------|------------|--------------|-----------------|------|-------|------|--|
| | | RW7 | RW21 | RW7 | RW21 | RW7 | RW21 | RW7 | RW22 | RW22A | RW22B | RW20 | RW7 | RW22 | RW22B | RW21 | |
| 1 | Manufacture | SINO | | | | | | | | | | | | | | | |
| 2 | Basic model | CPQD10N CPQD15N CPQD18N CPQD20N CPQD25N | | | | | | | | | | | | | | | |
| 3 | Type | Gasoline | | | | | | | | | | | | | | | |
| 4 | Power type | Gasoline | | | | | | | | | | | | | | | |
| 5 | Rated capacity | Kg | | 1000 | | 1500 | | 1750 | | 2000 | | | 2500 | | | | |
| 6 | Load center | mm | | 500 | | 500 | | 500 | | 500 | | | 500 | | | | |
| 7 | Lift height | mm | | 3000 | | 3000 | | 3000 | | 3000 | | | 3000 | | | | |
| 8 | Free lift height | mm | | 155 | | 155 | | 155 | | 150 | | | 150 | | | | |
| 9 | Fork size | L×W×T | | 920×100×35 | | 920×100×35 | | 920×100×38 | | 1070×122×40 | | | 1070×122×45 | | | | |
| 10 | Mast tilt range | F / R | | deg | | 6 / 12 | | 6 / 12 | | 6 / 12 | | | 6 / 12 | | | | |
| 11 | Fork overhang(Wheel center to fork face) | mm | | 405 | | 405 | | 408 | | 475 | | | 475 | | | | |
| 12 | Rear overhang | mm | | 420 | | 460 | | 495 | | 480 | | | 480 | | | | |
| 13 | Overall dimensions | Length to face of fork | | mm | | 2225 | | 2300 | | 2530 | | | 2605 | | | | |
| 14 | | Overall width | | mm | | 1080 | | 1080 | | 1155 | | | 1155 | | | | |
| 15 | | Mast lowered height | | mm | | 1995 | | 1995 | | 1985 | | | 1985 | | | | |
| 16 | | Mast extended height | | mm | | 3960 | | 3960 | | 4045 | | | 4045 | | | | |
| 17 | Overhead guard height | | mm | | 2110 | | 2110 | | 2120 | | | 2120 | | | | | |
| 18 | Turning radius(outside) | | mm | | 1925 | | 1970 | | 2005 | | | 2235 | | | | | |
| 19 | Min. right angle stacking aisle width (Add load length and clearance) | | mm | | 2330 | | 2375 | | 2410 | | | 2710 | | | | | |
| 20 | Speed | Travel (No load) | | Km / h | | 15 | | 15 | | 15 | | | 22.5 | | | | |
| 21 | | Lifting (Full load) | | mm/sec | | 460 | | 500 | | 510 | | | 510 | | | | |
| 22 | | Lowering (Full load) | | mm/sec | | 450 | | 450 | | 450 | | | 500 | | | | |
| 23 | Max.Drawbar Pull (Full load) | | N | | 23600 | | 20500 | | 23600 | | 20500 | | 23600 | | 20500 | | |
| 24 | Max.Gradeability (Full load) | | % | | 20 | | 20 | | 20 | | | 20 | | | | | |
| 25 | Tyres | Front | | mm | | 6.50 -10 -10PR | | 6.50 -10 -10PR | | 6.50 -10 -10PR | | | 7.00 -12 -12PR | | | | |
| 26 | | Rear | | mm | | 5.00 - 8 - 10PR | | 5.00 - 8 - 10PR | | 5.00 - 8 - 10PR | | | 6.00 - 9 - 10PR | | | | |
| 27 | Tread | Front | | mm | | 890 | | 890 | | 890 | | | 965 | | | | |
| 28 | | Rear | | mm | | 900 | | 900 | | 900 | | | 970.5 | | | | |
| 29 | Wheelbase | | mm | | 1400 | | 1400 | | 1400 | | | 1650 | | | | | |
| 30 | Ground clearance | Lowest | | mm | | 115 | | 115 | | 115 | | | 105 | | | | |
| 31 | | Wheelbase center | | mm | | 145 | | 145 | | 145 | | | 150 | | | | |
| 32 | Self weight | | Kg | | 2420 | | 2690 | | 2880 | | | 3440 | | | | | |
| 33 | Weight Distribution | Full load | | Front / Rear | | 2940 / 510 | | 3690 / 550 | | 4075 / 605 | | | 4815 / 625 | | | | |
| 34 | | No load | | Front / Rear | | 1290 / 1160 | | 1220 / 1520 | | 1190 / 1740 | | | 1640 / 1800 | | | | |
| 35 | Battery | | Voltage/Capacity(20HR) | | 12 / 60 | | 12 / 60 | | 12 / 60 | | | 12 / 60 | | | | | |
| 36 | Engine | Model | | 491GP K21 | | 491GP K21 | | 491GP K21 | | 491GP K25 | | | 491GP K21 | | | | |
| 37 | | Manufacture | | V / AH | | WANFENG NISSAN | | WANFENG NISSAN | | WANFENG NISSAN | | | WANFENG NISSAN | | | | |
| 38 | Rated output / r.p.m. | | kw | | 41 / 2800 | | 31.2 / 2250 | | 41 / 2800 | | | 31.2 / 2250 | | | | | |
| 39 | Rated torque / r.p.m. | | N · m | | 161 / 2000 | | 143.7 / 1600 | | 161 / 2000 | | | 143.7 / 1600 | | | | | |
| 40 | No. of cylinder | | | | 4 | | 4 | | 4 | | | 4 | | | | | |
| 41 | Bore × Stroke | | mm | | 91 × 86 | | 89 × 83 | | 91 × 86 | | | 89 × 83 | | | | | |
| 42 | Displacement | | cc | | 2237 | | 2065 | | 2237 | | | 2065 | | | | | |
| 43 | Fuel tank capacity | | L | | 50 | | 50 | | 50 | | | 50 | | | | | |
| 44 | Transmissions | Manufacture | | CHINA | | CHINA | | CHINA | | | CHINA | | | | | | |
| 45 | | Type | | Powershift | | Powershift | | Powershift | | | Powershift | | | | | | |
| 46 | Stage | | FWD / RVS | | 1 / 1 | | 1 / 1 | | 1 / 1 | | | 1 / 1 | | | | | |
| 47 | Operating pressure | | For attachments | | Mpa | | 14.5 | | 14.5 | | | 14.5 | | | | | |

1. Special lifting height available (2-stage mast: 2.5m, 2.7m, 3.0m, 3.3m, 3.6m, 4m, 4.5m. 3-stage mast: 4.3m, 4.5m, 4.8m, 5m, 5.5m, 6m) 2. Attachment available.
3. The specification in the table are for standard models only. For further information please contact us. 4. Specification are subject to change without notice.

DIMENSIONS



LOAD CHART



1.0 ~ 1.8t R series mast: (pneumatic)

| Type | Model | Max. fork height | Overall height | | | | Free lift | | Front Overhang | | Tilt range | | Capacity | | | | | |
|----------------------------------|--------------|------------------|----------------|------------------|---------------|------------------|---------------|--------|----------------|-----|------------|-------------------------|----------|------|-------------|------|------|--|
| | | | Lowered | Extended | | Without backrest | With backrest | 1/1.5t | 1.75t | FWD | BWD | Load capacity at 500 mm | | | | | | |
| | | | | Without backrest | With backrest | | | | | | | Single tire | | | Double tire | | | |
| | | mm | mm | mm | mm | mm | mm | Deg | Deg | 1t | 1.5t | 1.75t | 1t | 1.5t | 1.75t | | | |
| Wide view mast | R15 / 18M200 | 2000 | 1495 | 2585 | 2955 | 155 | 155 | 405 | 408 | 6 | 12 | 1000 | 1500 | 1750 | 1000 | 1500 | 1750 | |
| | R15 / 18M250 | 2500 | 1745 | 3085 | 3455 | 155 | 155 | 405 | 408 | 6 | 12 | 1000 | 1500 | 1750 | 1000 | 1500 | 1750 | |
| | R15 / 18M270 | 2700 | 1845 | 3285 | 3655 | 155 | 155 | 405 | 408 | 6 | 12 | 1000 | 1500 | 1750 | 1000 | 1500 | 1750 | |
| | R15 / 18M300 | 3000 | 1995 | 3585 | 3955 | 155 | 155 | 405 | 408 | 6 | 12 | 1000 | 1500 | 1750 | 1000 | 1500 | 1750 | |
| | R15 / 18M330 | 3300 | 2145 | 3885 | 4255 | 155 | 155 | 405 | 408 | 6 | 12 | 1000 | 1500 | 1750 | 1000 | 1500 | 1750 | |
| | R15 / 18M350 | 3500 | 2245 | 4085 | 4455 | 155 | 155 | 405 | 408 | 6 | 12 | 1000 | 1500 | 1750 | 1000 | 1500 | 1750 | |
| | R15 / 18M360 | 3600 | 2345 | 4185 | 4555 | 155 | 155 | 405 | 408 | 6 | 12 | 1000 | 1500 | 1750 | 1000 | 1500 | 1750 | |
| | R15 / 18M400 | 4000 | 2595 | 4585 | 4955 | 155 | 155 | 405 | 408 | 6 | 12 | 950 | 1400 | 1650 | 1000 | 1500 | 1750 | |
| Wide view full free 2-stage mast | R15 / 18M430 | 4300 | 2745 | 4885 | 5255 | 155 | 155 | 405 | 408 | 6 | 6 | 900 | 1300 | 1550 | 950 | 1400 | 1650 | |
| | R15 / 18M450 | 4500 | 2845 | 5085 | 5455 | 155 | 155 | 405 | 408 | 6 | 6 | 850 | 1250 | 1450 | 900 | 1350 | 1550 | |
| | N15 / 18U270 | 2500 | 1760 | 3105 | 3455 | 1095 | 815 | 428 | 431 | 6 | 12 | 1000 | 1500 | 1750 | 1000 | 1500 | 1750 | |
| | N15 / 18U300 | 2700 | 1860 | 3305 | 3655 | 1195 | 915 | 428 | 431 | 6 | 12 | 1000 | 1500 | 1750 | 1000 | 1500 | 1750 | |
| | N15 / 18U330 | 3000 | 2010 | 3605 | 3955 | 1395 | 1055 | 428 | 431 | 6 | 12 | 1000 | 1500 | 1750 | 1000 | 1500 | 1750 | |
| | N15 / 18U360 | 3300 | 2160 | 3905 | 4255 | 1545 | 1215 | 428 | 431 | 6 | 12 | 1000 | 1500 | 1750 | 1000 | 1500 | 1750 | |
| Wide view full free 3-stage mast | N15 / 18U400 | 3600 | 2310 | 4205 | 4555 | 1695 | 1365 | 428 | 431 | 6 | 12 | 1000 | 1500 | 1750 | 1000 | 1500 | 1750 | |
| | N15 / 18N430 | 4300 | 2560 | 4605 | 4955 | 1865 | 1615 | 428 | 431 | 6 | 6 | 950 | 1400 | 1650 | 1000 | 1500 | 1750 | |
| | N15 / 18N450 | 4500 | 2660 | 4805 | 5155 | 1965 | 1715 | 445 | 448 | 6 | 6 | 850 | 1250 | 1450 | 900 | 1350 | 1550 | |
| | N15 / 18N480 | 4800 | 2810 | 5105 | 5455 | 2165 | 1915 | 445 | 448 | 6 | 6 | 750 | 1100 | 1250 | 800 | 1200 | 1350 | |
| | N15 / 18N500 | 5000 | 2910 | 5305 | 5655 | 2265 | 2015 | 445 | 448 | 6 | 6 | 700 | 1050 | 1150 | 750 | 1150 | 1250 | |
| | N15 / 18N550 | 5500 | 3110 | 5705 | 6055 | 2465 | 2215 | 445 | 448 | 3 | 6 | / | / | / | 600 | 950 | 1050 | |
| N15 / 18N600 | 6000 | 3310 | 6105 | 6455 | 2665 | 2415 | 445 | 448 | 3 | 6 | / | / | / | 450 | 750 | 850 | | |

With sideshifter minus 150Kg, with integral sideshifter minus 100Kg.

R series 3.5 / 4.0 / 4.5 / 5.0t Gasoline forklift specification:

| | | | | | | | | | | | | |
|------------------------------|------------------------------|---|------------------------|----------------------|--------|-------|-------------|------------------|-------|-------|--|--|
| General | 1 | Manufacture | CPQD30N | | | | CPQD35N | | | | | |
| | 2 | Basic model | RW7 | | | | RW22 | | | | | |
| | 3 | Type | RW7 | RW22 | RW22A | RW22B | RW7 | RW22 | RW22A | RW22B | | |
| Characteristics & Dimensions | 4 | Power type | Gasoline | | | | Gasoline | | | | | |
| | 5 | Rated capacity | Kg | | | | 3000 | | | | | |
| | 6 | Load center | mm | | | | 500 | | | | | |
| | 7 | Lift height | mm | | | | 3000 | | | | | |
| | 8 | Free lift height | mm | | | | 155 | | | | | |
| | 9 | Fork size | L×W×T | | | | 1070×130×45 | | | | | |
| | 10 | Mast tilt range | F / R | | | | deg | | | | | |
| | 11 | Fork overhang(Wheel center to fork face) | mm | | | | 480 | | | | | |
| | 12 | Rear overhang | mm | | | | 510 | | | | | |
| | 13 | Overall dimensions | Length to face of fork | mm | | | | 2750 | | | | |
| | 14 | | Overall width | mm | | | | 1225 | | | | |
| | 15 | | Mast lowered height | mm | | | | 2010 | | | | |
| | 16 | | Mast extended height | mm | | | | 4140 | | | | |
| | 17 | | Overhead guard height | mm | | | | 2150 | | | | |
| | 18 | Turning radius(outside) | mm | | | | 2375 | | | | | |
| | 19 | Min. right angle stacking aisle width (Add load length and clearance) | mm | | | | 2855 | | | | | |
| | Performance | 20 | Speed | Travel (No load) | Km / h | | | | 20 | | | |
| | | 21 | | Lifting (Full load) | mm/sec | | | | 450 | | | |
| | | 22 | | Lowering (Full load) | mm/sec | | | | 500 | | | |
| 23 | | Max.Drawbar Pull (Full load) | N | | | | 19600 | | | | | |
| 24 | Max.Gradeability (Full load) | % | | | | 20 | | | | | | |
| Chassis | 25 | Tyres | Front | mm | | | | 28 × 9 -15 -12PR | | | | |
| | 26 | | Rear | mm | | | | 6.50 - 10 - 10PR | | | | |
| | 27 | Tread | Front | mm | | | | 1005 | | | | |
| | 28 | | Rear | mm | | | | 973.5 | | | | |
| | 29 | Wheelbase | mm | | | | 1760 | | | | | |
| | 30 | Ground clearance | Lowest | mm | | | | 130 | | | | |
| 31 | Wheelbase center | | mm | | | | 175 | | | | | |
| Weight | 32 | Self weight | Kg | | | | 4255 | | | | | |
| | 33 | Weight Distribution | Full load | Front / Rear | | | | 6480 / 775 | | | | |
| Power & transmission | 34 | Battery | No load | Front / Rear | | | | 1765 / 2490 | | | | |
| | 35 | | Voltage/Capacity(20HR) | 12 / 60 | | | | 12 / 60 | | | | |
| | 36 | Engine | Model | 491GP | | | | K25 | | | | |
| | 37 | | Manufacture | V / AH | | | | WANFENG | | | | |
| | 38 | | Rated output / r.p.m. | kw | | | | 41 / 2800 | | | | |
| | 39 | | Rated torque / r.p.m. | N · m | | | | 161 / 2000 | | | | |
| | 40 | | No. of cylinder | 4 | | | | 4 | | | | |
| | 41 | | Bore × Stroke | mm | | | | 89 × 100 | | | | |
| | 42 | | Displacement | cc | | | | 2237 | | | | |
| | 43 | | Fuel tank capacity | L | | | | 70 | | | | |
| | 44 | | Transmissions | Manufacture | CHINA | | | | CHINA | | | |
| 45 | Type | | | Powershift | | | | Powershift | | | | |
| 46 | Stage | FWD / RVS | | | | 1 / 1 | | | | | | |
| 47 | Operating pressure | For attachments | | | | Mpa | | | | | | |

1. Special lifting height available (2-stage mast: 2.5m, 2.7m, 3.0m, 3.3m, 3.6m, 4m, 4.5m. 3-stage mast: 4.3m, 4.5m, 4.8m, 5m, 5.5m, 6m) 2. Attachment available.
3. The specification in the table are for standard models only. For further information please contact us. 4. Specification are subject to change without notice.

R series 1.5 / 1.8 t Gasoline / LPG forklift specification:

| | | | | | | | | | | | | |
|------------------------------|------------------------------|---|------------------------|----------------------|--------|-------|----------------|------------------|--------|--|--|--|
| General | 1 | Manufacture | CPQD15N | | | | CPQD18N | | | | | |
| | 2 | Basic model | RG7-Y | | | | RW21-Y | | | | | |
| | 3 | Type | RG7-Y | RW21-Y | | | | RG7-Y | RW21-Y | | | |
| Characteristics & Dimensions | 4 | Power type | Gasoline / LPG | | | | Gasoline / LPG | | | | | |
| | 5 | Rated capacity | Kg | | | | 1500 | | | | | |
| | 6 | Load center | mm | | | | 500 | | | | | |
| | 7 | Lift height | mm | | | | 3000 | | | | | |
| | 8 | Free lift height | mm | | | | 155 | | | | | |
| | 9 | Fork size | L×W×T | | | | 920×100×35 | | | | | |
| | 10 | Mast tilt range | F / R | | | | deg | | | | | |
| | 11 | Fork overhang(Wheel center to fork face) | mm | | | | 405 | | | | | |
| | 12 | Rear overhang | mm | | | | 460 | | | | | |
| | 13 | Overall dimensions | Length to face of fork | mm | | | | 2265 | | | | |
| | 14 | | Overall width | mm | | | | 1080 | | | | |
| | 15 | | Mast lowered height | mm | | | | 1995 | | | | |
| | 16 | | Mast extended height | mm | | | | 3960 | | | | |
| | 17 | | Overhead guard height | mm | | | | 2110 | | | | |
| | 18 | Turning radius(outside) | mm | | | | 1970 | | | | | |
| | 19 | Min. right angle stacking aisle width (Add load length and clearance) | mm | | | | 2375 | | | | | |
| | Performance | 20 | Speed | Travel (No load) | Km / h | | | | 15 | | | |
| | | 21 | | Lifting (Full load) | mm/sec | | | | 510 | | | |
| | | 22 | | Lowering (Full load) | mm/sec | | | | 450 | | | |
| 23 | | Max.Drawbar Pull (Full load) | N | | | | 23600 | | | | | |
| 24 | Max.Gradeability (Full load) | % | | | | 20 | | | | | | |
| Chassis | 25 | Tyres | Front | mm | | | | 6.50 - 10 - 10PR | | | | |
| | 26 | | Rear | mm | | | | 5.00 - 8 - 10PR | | | | |
| | 27 | Tread | Front | mm | | | | 890 | | | | |
| | 28 | | Rear | mm | | | | 900 | | | | |
| | 29 | Wheelbase | mm | | | | 1400 | | | | | |
| | 30 | Ground clearance | Lowest | mm | | | | 115 | | | | |
| 31 | Wheelbase center | | mm | | | | 145 | | | | | |
| Weight | 32 | Self weight | Kg | | | | 2690 | | | | | |
| | 33 | Weight Distribution | Full load | Front / Rear | | | | 3690 / 550 | | | | |
| Power & transmission | 34 | Battery | No load | Front / Rear | | | | 1220 / 1520 | | | | |
| | 35 | | Voltage/Capacity(20HR) | 12 / 60 | | | | 12 / 60 | | | | |
| | 36 | Engine | Model | 491GP | | | | K21 | | | | |
| | 37 | | Manufacture | V / AH | | | | WANFENG | | | | |
| | 38 | | Rated output / r.p.m. | kw | | | | 41 / 2800 | | | | |
| | 39 | | Rated torque / r.p.m. | N · m | | | | 161 / 2000 | | | | |
| | 40 | | No. of cylinder | 4 | | | | 4 | | | | |
| | 41 | | Bore × Stroke | mm | | | | 91 × 86 | | | | |
| | 42 | | Displacement | cc | | | | 2237 | | | | |
| | 43 | | Fuel tank capacity | L | | | | 50 | | | | |
| | 44 | | Transmissions | Manufacture | CHINA | | | | CHINA | | | |
| 45 | Type | | | Powershift | | | | Powershift | | | | |
| 46 | Stage | FWD / RVS | | | | 1 / 1 | | | | | | |
| 47 | Operating pressure | For attachments | | | | Mpa | | | | | | |

1. Special lifting height available (2-stage mast: 2.5m, 2.7m, 3.0m, 3.3m, 3.6m, 4m, 4.5m. 3-stage mast: 4.3m, 4.5m, 4.8m, 5m, 5.5m, 6m) 2. Attachment available.
3. The specification in the table are for standard models only. For further information please contact us. 4. Specification are subject to change without notice.



2.0 / 2.5t R series mast: (pneumatic)

| Type | Model | Max. fork height | Overall height | | | Free lift | | Front Overhang | Tilt range | | Capacity | | | |
|----------------------------------|---------|------------------|----------------|------------------|---------------|------------------|---------------|----------------|------------|------|-------------------------|------|-------------|------|
| | | | Lowered | Extended | | Without backrest | With backrest | | FWD | BWD | Load capacity at 500 mm | | | |
| | | | | Without backrest | With backrest | | | | | | Single tire | | Double tire | |
| mm | mm | mm | mm | mm | mm | mm | Deg | Deg | 2t | 2.5t | 2t | 2.5t | | |
| Wide view mast | R25M250 | 2500 | 1735 | 3125 | 3545 | 150 | 150 | 475 | 6 | 12 | 2000 | 2500 | 2000 | 2500 |
| | R25M270 | 2700 | 1835 | 3325 | 3745 | 150 | 150 | 475 | 6 | 12 | 2000 | 2500 | 2000 | 2500 |
| | R25M300 | 3000 | 1985 | 3625 | 4045 | 150 | 150 | 475 | 6 | 12 | 2000 | 2500 | 2000 | 2500 |
| | R25M330 | 3300 | 2135 | 3925 | 4345 | 150 | 150 | 475 | 6 | 12 | 2000 | 2500 | 2000 | 2500 |
| | R25M350 | 3500 | 2235 | 4125 | 4545 | 150 | 150 | 475 | 6 | 12 | 2000 | 2500 | 2000 | 2500 |
| | R25M360 | 3600 | 2335 | 4225 | 4645 | 150 | 150 | 475 | 6 | 12 | 2000 | 2500 | 2000 | 2500 |
| | R25M400 | 4000 | 2585 | 4625 | 5045 | 150 | 150 | 475 | 6 | 12 | 1900 | 2300 | 2000 | 2500 |
| | R25M430 | 4300 | 2735 | 4925 | 5345 | 150 | 150 | 475 | 6 | 6 | 1800 | 2100 | 1950 | 2450 |
| | R25M450 | 4500 | 2835 | 5125 | 5545 | 150 | 150 | 475 | 6 | 6 | 1700 | 2000 | 1900 | 2400 |
| | R25M480 | 4800 | 2985 | 5425 | 5845 | 150 | 150 | 475 | 6 | 6 | 1500 | 1700 | 1700 | 2100 |
| Wide view full free 2-stage mast | R25M500 | 5000 | 3085 | 5625 | 6045 | 150 | 150 | 475 | 6 | 6 | 1400 | 1600 | 1600 | 2000 |
| | N25U250 | 2500 | 1795 | 3152 | 3545 | 1143 | 750 | 470 | 6 | 12 | 2000 | 2500 | 2000 | 2500 |
| | N25U270 | 2700 | 1895 | 3352 | 3745 | 1243 | 850 | 470 | 6 | 12 | 2000 | 2500 | 2000 | 2500 |
| | N25U300 | 3000 | 1995 | 3652 | 4045 | 1343 | 950 | 470 | 6 | 12 | 2000 | 2500 | 2000 | 2500 |
| | N25U330 | 3300 | 2145 | 3952 | 4345 | 1443 | 1100 | 470 | 6 | 12 | 2000 | 2500 | 2000 | 2500 |
| | N25U360 | 3600 | 2295 | 4252 | 4645 | 1643 | 1250 | 470 | 6 | 12 | 2000 | 2500 | 2000 | 2500 |
| Wide view full free 3-stage mast | N25U400 | 4000 | 2545 | 4652 | 5045 | 1893 | 1500 | 470 | 6 | 12 | 1900 | 2300 | 2000 | 2500 |
| | N25N430 | 4300 | 2040 | 4992 | 5355 | 1358 | 995 | 485 | 6 | 6 | 1700 | 2000 | 1900 | 2400 |
| | N25N450 | 4500 | 2110 | 5242 | 5605 | 1428 | 1065 | 485 | 6 | 6 | 1600 | 1900 | 1800 | 2300 |
| | N25N480 | 4800 | 2210 | 5492 | 5855 | 1528 | 1165 | 485 | 6 | 6 | 1500 | 1700 | 1700 | 2100 |
| | N25N500 | 5000 | 2275 | 5692 | 6055 | 1593 | 1230 | 485 | 6 | 6 | 1400 | 1600 | 1600 | 2000 |
| | N25N550 | 5500 | 2440 | 6192 | 6555 | 1758 | 1395 | 485 | 3 | 6 | 1050 | 1200 | 1500 | 1800 |
| N25N600 | 6000 | 2655 | 6692 | 7055 | 1973 | 1610 | 485 | 3 | 6 | 700 | 800 | 1400 | 1600 | |

With sideshifter minus 200Kg, with integral sideshifter minus 100Kg.

