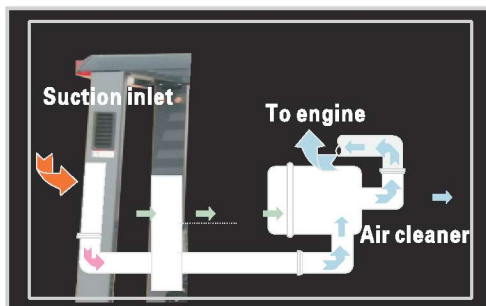




#### Air intaking system



Air suction inlet installing on top of the overhead guard brace far away from the dust produced when travelling. cleaner air sucked prolonging engine service life.

#### Excellent cooling system



- ✓ Using Aluminium plain plate corrugated fin type radiator, Which has higher heat transfer capability.
- ✓ Optimise cooling system and ensure engine performance even in extreme temperatures and environments.

#### Reliable casting steering axle



- ✓ Compact structure, small deformation when loading.
- ✓ Shock absorber installed improving driving comfort.
- ✓ Dust proof and water proof structure increasing service life and reliability effectively.
- ✓ Low maintenance cost in later stage

**EXTRA WORK, EXTRA STRONG**



**EXTRA WORK,  
EXTRA STRONG**

# R-Series

**Gasoline or LPG**  
**2.5-3.5 ton**

#### Standard configuration

|                         |                                             |
|-------------------------|---------------------------------------------|
| Fork                    | Control valve                               |
| Water temperature gauge | Transmission oil filter element             |
| Traction pin            | Backward buzzer                             |
| Backrest                | Transmission oil dipstick                   |
| Overhead guard          | Hydraulic oil return circuit filter element |
| Horn                    | Neutral gear safety switch                  |
| Reversing light         | Overhead guard rain cover                   |
| Hour meter              | Air inletting device                        |
| Oil lever gauge         | Durable tread tyre                          |
| Charging indicator      | Cable type parking brake                    |
| Tool                    | Hydraulic oil dipstick                      |
| Oil pressure alarm      | Preheating indicator                        |
| Steering Indicator      | Wholley hydraulic powered steering          |
| Wide view mast          | Lifting oil circuit flow regulator          |
| Standard seat           | Lifting and tilting operation lever         |
| Front lamp              | Whirlwind air cleaner                       |
| Rear combined light     | Tilting adjustable steering column          |
| Pedal pad               | Engine automatic preheating system          |

#### Optional Devices and Accessories

|                                    |
|------------------------------------|
| Driver's cab                       |
| speedometer                        |
| Fire extinguisher                  |
| Solid tyre                         |
| Rear working lamp                  |
| Auxiliary pipeline                 |
| Suspension seat                    |
| Customer made color                |
| Transmission oil temperature gauge |
| Warm air blower                    |
| High air exhausting device         |
| Tilt cylinder jacket               |

#### Optional attachments

|                                        |
|----------------------------------------|
| String rod                             |
| Lifting hook                           |
| Side shifter                           |
| Paper roll clamp                       |
| Rotating fork                          |
| Cargo boom                             |
| Lengthening fork                       |
| Multipurpose drum clamp                |
| Rotating flat clamp                    |
| Widen fork arm carrier                 |
| Lengthening fork extension             |
| Load stabilizer                        |
| Load push pull                         |
| tipping fork, tipping bucket           |
| Wide view free-lift mast (two-stage)   |
| Wide view free-lift mast (three-stage) |

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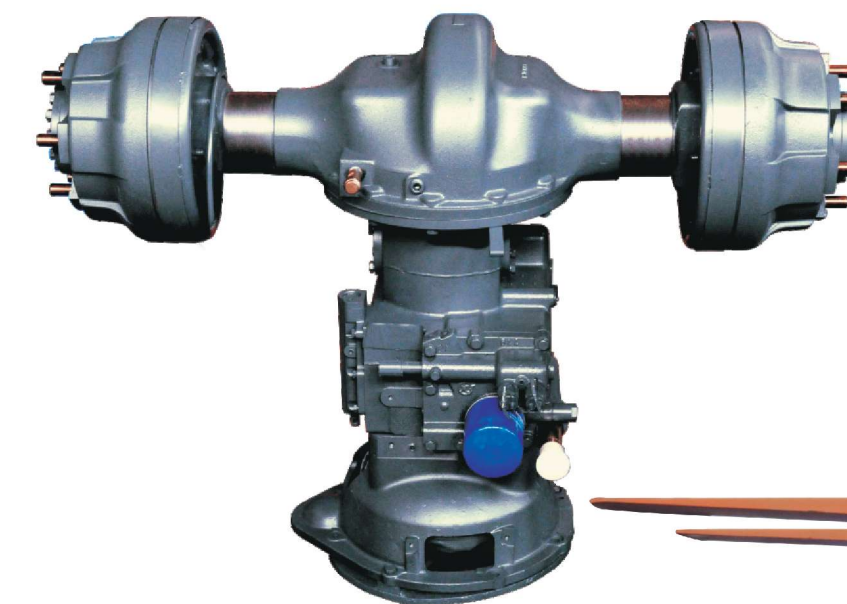


**2.5-3.5 t R-Seris Gasoline or LPG**

## Reliable forklift

Reliability is based on first-class manufacturing technology.

#### A reliable Drive system



As the most reliable transmission system produced by BOMAC, It has been validated by over twenty years experience in World market. Meanwhile, various ancillary devices of the power system ensure the reliability effectively.

- ✓ Various high-power engines are available for customers optional choices, and the emission meets the latest European & American environmental regulation. optional choices, and the emission meets the latest European .
- ✓ Durable transmission
- ✓ Equipped with the Intake system & Intake silencer
- ✓ Optional air filter pressure alarm device
- ✓ Automatic engine preheating system
- ✓ Cyclone Air Filter
- ✓ Lost foam casting

#### Ease of service



- ✓ Installation of heat resistance and sound absorbing material and rubber sealing.
- ✓ Easy lift engine hood with wide 80 degree opening.
- ✓ Engine hood assist damper with lock device.

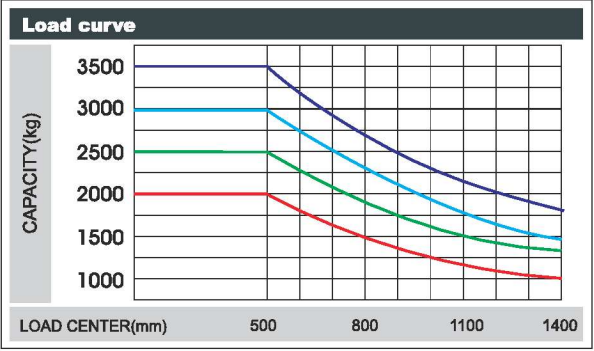
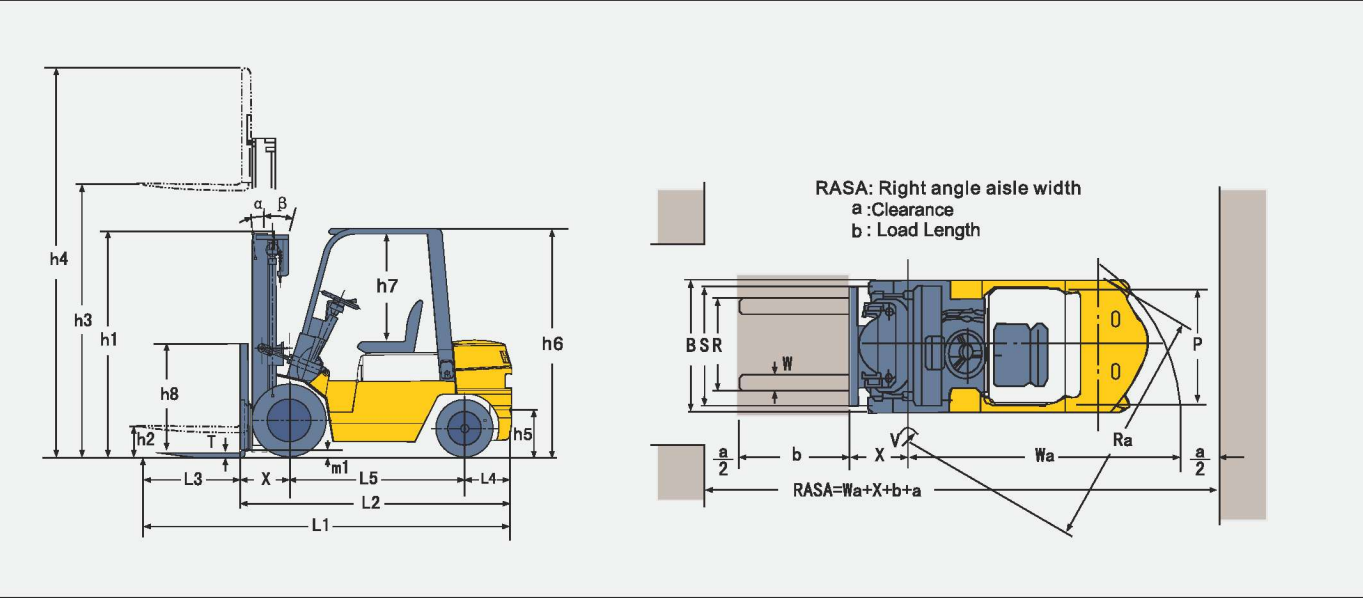
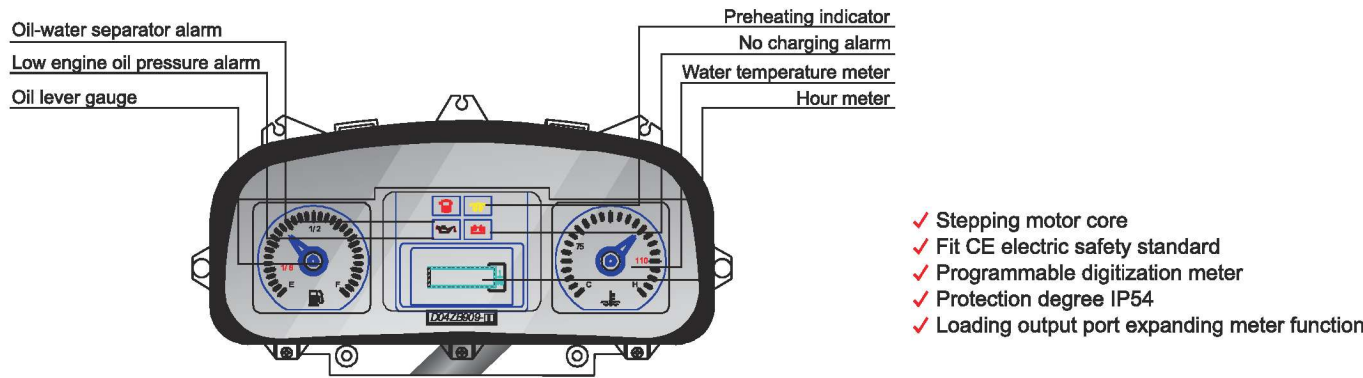


## R-Series Gasoline or LPG



| Manufacturers Data and Design Characteristics |                                               |         |    |                                           |          |                            |          |                            |          |
|-----------------------------------------------|-----------------------------------------------|---------|----|-------------------------------------------|----------|----------------------------|----------|----------------------------|----------|
| Characteristics                               |                                               |         |    |                                           |          |                            |          |                            |          |
| 1                                             | Manufactory                                   |         |    | BOMAC                                     |          |                            |          |                            |          |
| 2                                             | Model                                         |         |    | RG(P)25M                                  | RG(P)25A | RG(P)30M                   | RG(P)30A | RG(P)35M                   | RG(P)35A |
| 3                                             | Power Type                                    |         |    | Gasoline or LPG                           |          |                            |          |                            |          |
| 4                                             | Rated Capacity                                | kg      |    | 2500                                      |          | 3000                       |          | 3500                       |          |
| 5                                             | Load Center                                   | mm      |    |                                           |          | 500                        |          |                            |          |
| 6                                             | Driving mode                                  |         |    | Site on type                              |          |                            |          |                            |          |
| Size                                          |                                               |         |    |                                           |          |                            |          |                            |          |
| 7                                             | Overall max.lifting height (with backrest)    | h4      | mm | 4030                                      |          | 4262                       |          | 4217                       |          |
| 8                                             | Max.Lifting height                            | h3      | mm |                                           |          |                            |          |                            |          |
| 9                                             | Height mast retracted(upright)                | h1      | mm | 1995                                      |          | 2070                       |          | 2180                       |          |
| 10                                            | Free lift height                              | h2      | mm | 168                                       |          | 168                        |          | 170                        |          |
| 11                                            | Backrest height(from upper face of forks)     | h8      | mm | 1000                                      |          | 1227                       |          | 1177                       |          |
| 12                                            | Overhead Guard clearance(from face of seat)   | h7      | mm |                                           |          | 1000                       |          |                            |          |
| 13                                            | Overall height(overhead guard)                | h6      | mm | 2170                                      |          | 2190                       |          | 2190                       |          |
| 14                                            | Overall length(without forks)                 | (L1/L2) | mm | 3646/2576                                 |          | 3752/2682                  |          | 3763/2693                  |          |
| 15                                            | Front overhang                                | X       | mm | 477                                       |          | 479                        |          | 498                        |          |
| 16                                            | Rear overhang                                 | L4      | mm | 494                                       |          | 495                        |          | 495                        |          |
| 17                                            | Wheel base                                    | L5      | mm | 1600                                      |          | 1700                       |          | 1700                       |          |
| 18                                            | Coupler height                                | h5      | mm | 290                                       |          | 310                        |          | 310                        |          |
| 19                                            | Min.ground clearance under mast               | m1      | mm | 110                                       |          | 135                        |          | 135                        |          |
| 20                                            | Overall width                                 | B       | mm | 1170                                      |          | 1225                       |          | 1225                       |          |
| 21                                            | Lateral fork adjustment(Outside of fork)      | R       | mm | 1024/200                                  |          | 1060/250                   |          | 1060/250                   |          |
| 22                                            | Tread(front)                                  | (S/P)   | mm | 970/970                                   |          | 1000/970                   |          | 1000/970                   |          |
| 23                                            | Inside turning radius                         | Wa      | mm | 2240                                      |          | 2400                       |          | 2420                       |          |
| 24                                            | Outside turning radius                        | V       | mm | 160                                       |          | 200                        |          | 200                        |          |
| 25                                            | Min.intersecting aisle                        | Ra      | mm | 2280                                      |          | 2380                       |          | 2400                       |          |
| 26                                            | Tilting angles(forward/backward)              | α / β   |    |                                           |          | 6°/12°                     |          |                            |          |
| 27                                            | Fork Size                                     | a×b×c   | mm | 1070×122×40                               |          | 1070×125×45                |          | 1070×125×50                |          |
| Performance                                   |                                               |         |    |                                           |          |                            |          |                            |          |
| 28                                            | Max. Traveing speeds (laden/unladen)          | km/h    |    | 19/20                                     |          | 19/20                      |          | 19/19                      |          |
| 29                                            | Lifting Speeds (laden/unladen)                | mm/s    |    | 490/530                                   |          | 450/500                    |          | 340/380                    |          |
| 30                                            | Lowering Speeds (laden/unladen)               | mm/s    |    | 450/550                                   |          | 450/550                    |          | 350/400                    |          |
| 31                                            | Max. Draw-bar pull (laden/unladen)            | kN      |    | 9.8/8.6                                   | 12/8.6   | 13.5/9.8                   | 15/9.8   | 14/9.8                     | 17/9.8   |
| 32                                            | Max. Negotiable Gradient(laden/unladen)       | %       |    | 15/20                                     | 15/20    | 17/20                      | 19/16.9  | 15/15                      | 14.5/15  |
| Weight                                        |                                               |         |    |                                           |          |                            |          |                            |          |
| 33                                            | Service Mass                                  | kg      |    | 3700                                      |          | 4300                       |          | 4700                       |          |
| 34                                            | Load Wheel.laden(Front/Rear)                  | kg      |    | 5562/618                                  |          | 6543/727                   |          | 7380/820                   |          |
| 35                                            | Load Wheel.unladen(Front/Rear)                | kg      |    | 1472/2208                                 |          | 1708/2562                  |          | 1880/2820                  |          |
| Tyres                                         |                                               |         |    |                                           |          |                            |          |                            |          |
| 36                                            | Wheel(Front/Rear) X=Driving Whee              |         |    | 2X/2                                      |          |                            |          |                            |          |
| 37                                            | Tyre(Front/Rear)                              |         |    | Pneumatic tyre                            |          |                            |          |                            |          |
| 38                                            | Tyre size(Front/Rear)                         |         |    | 7.00-12-12PR/6.00-9-10PR                  |          | 28×9-15-12PR/ 6.50-10-10PR |          | 28×9-15-14PR/ 6.50-10-10PR |          |
| 39                                            | Service Brake                                 |         |    | Hydraulic-Foot Pedal                      |          |                            |          |                            |          |
| 40                                            | Paking Brake                                  |         |    | Mechanical-Hand Lever                     |          |                            |          |                            |          |
| Drive and transmission control device         |                                               |         |    |                                           |          |                            |          |                            |          |
| 41                                            | Battery Voltage/Capacity                      | V/Ah    |    | 12/80                                     |          |                            |          |                            |          |
| 42                                            | Internal Combustion Engine Model              |         |    | NISSAN K25                                |          |                            |          |                            |          |
| 43                                            | Internal Combustion Engine Rated Output       | kW/rpm  |    | 37.4/2400                                 |          |                            |          |                            |          |
| 44                                            | Internal Combustion Engine Rated Torque       | Nm/rpm  |    | 176.5/1600                                |          |                            |          |                            |          |
| 45                                            | Internal Combustion Engine Number of Cylinder |         |    | 4-89×100                                  |          |                            |          |                            |          |
| 46                                            | Internal Combustion Engine Displanment        | L       |    | 2.488                                     |          |                            |          |                            |          |
| 47                                            | Internal Combustion Engine Fuel Tank Capacity | L       |    | 60                                        |          |                            |          |                            |          |
| 48                                            | Transmission Number of Speed Fwd/Bwd type     |         |    | 1-1Power Shift T/M / 2-2 Manual Shift T/M |          |                            |          |                            |          |

### Meter function diagram



CPC35/CPCD3.

CPC30/CPCD30

CPC25/CPCD2:

CPC20/CPCD20

**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 the mast tilts forward, using non-standard forks or loading goods with extra width. Please notice the different load capacity between different load centers according to load chart.

| 2.5-3.5 WIDE VIEW MAST |                          |                                           |           |           |                           |      |      |                                     |                     |         |         |
|------------------------|--------------------------|-------------------------------------------|-----------|-----------|---------------------------|------|------|-------------------------------------|---------------------|---------|---------|
| Mast type              | Max. lifting height (mm) | Loading capacity (load center 500mm) (kg) |           |           | Mast overall height C(mm) |      |      | Mast tilting angle Forward/Backward | Service weight (kg) |         |         |
|                        |                          | RG(P)25                                   | RG(P)30   | RG(P)35   | 2.5t                      | 3t   | 3.5t |                                     | RG(P)25             | RG(P)30 | RG(P)35 |
| M200                   | 2000                     | 2500                                      | 3000      | 3500      | 1495                      | 1570 | 1680 | 6-12                                | 3605                | 4205    | 4590    |
| M250                   | 2500                     | 2500                                      | 3000      | 3500      | 1745                      | 1820 | 1930 | 6-12                                | 3655                | 4250    | 4645    |
| M300                   | 3000                     | 2500                                      | 3000      | 3500      | 1995                      | 2070 | 2180 | 6-12                                | 3700                | 4300    | 4700    |
| M330                   | 3300                     | 2500                                      | 3000      | 3500      | 2145                      | 2220 | 2330 | 6-12                                | 3725                | 4330    | 4730    |
| M350                   | 3500                     | 2500                                      | 3000      | 3500      | 2245                      | 2320 | 2430 | 6-12                                | 3750                | 4350    | 4750    |
| M370                   | 3700                     | 2500                                      | 3000      | 3500      | 2345                      | 2420 | 2530 | 6-6°-6-12                           | 3785                | 4370    | 4775    |
| M400                   | 4000                     | 2500                                      | 3000      | 3200*3500 | 2545                      | 2620 | 2730 | 6-6°-6-12                           | 3830                | 4450    | 4860    |
| M425                   | 4250                     | 2250*2500                                 | 2850*3000 | 3100*3200 | 2670                      | 2745 | 2855 | 6-6°-6-12                           | 3855                | 4480    | 4885    |
| M450                   | 4500                     | 2150*2400                                 | 2750*3000 | 3000*3050 | 2795                      | 2870 | 2980 | 6-6°-6-12                           | 3875                | 4500    | 4915    |
| M500                   | 5000                     | 1650*2200                                 | 2400*2850 | 2500*2850 | 3045                      | 3120 | 3230 | 6-6°-6-6                            | 3925                | 4555    | 4970    |
| M550                   | 5500                     | *1950                                     | *2400     | *2500     | 3345                      | 3420 | 3530 | *3-6                                | 4005                | 4655    | 5075    |
| M600                   | 6000                     | *1800                                     | *2200     | *2300     | 3595                      | 3670 | 3780 | *3-6                                | 4055                | 4700    | 5125    |

Note: (1) Service weight in the table is the weight of truck installed with double-tyre. +110kg  
(2)\*means the loading capacity when front tyre is double-tyre.

| 2.5-3.5 WIDE VIEW FULL FREE 2 STAGE MAST |                         |                                           |           |           |      |      |                        |                              |                     |      |             |         |         |      |
|------------------------------------------|-------------------------|-------------------------------------------|-----------|-----------|------|------|------------------------|------------------------------|---------------------|------|-------------|---------|---------|------|
| Mast type                                | Max Lifting height (mm) | Loading capacity (load center 500mm) (kg) |           |           |      |      | Mast lifting angle (°) | Free lift with backrest (mm) | Service weight (kg) |      |             |         |         |      |
|                                          |                         | RG(P)25                                   | RG(P)30   | RG(P)35   | 2.5t | 3.5t |                        |                              | 2.5t                | 3.5t | RG(P)25     | RG(P)30 | RG(P)35 |      |
| ZM200                                    | 2000                    | 2500                                      | 3000      | 3500      | 1495 | 1570 | 1680                   | 495                          | 340                 | 500  | 6-12        | 3640    | 4240    | 4600 |
| ZM250                                    | 2500                    | 2500                                      | 3000      | 3500      | 1745 | 1820 | 1930                   | 745                          | 590                 | 750  | 6-12        | 3685    | 4285    | 4655 |
| ZM300                                    | 3000                    | 2500                                      | 3000      | 3500      | 1995 | 2070 | 2180                   | 895                          | 840                 | 1000 | 6-12        | 3745    | 4335    | 4715 |
| ZM330                                    | 3300                    | 2500                                      | 3000      | 3500      | 2145 | 2220 | 2330                   | 1145                         | 990                 | 1150 | 6-12        | 3780    | 4370    | 4745 |
| ZM350                                    | 3500                    | 2500                                      | 3000      | 3500      | 2245 | 2320 | 2430                   | 1245                         | 1090                | 1250 | 6-12        | 3800    | 4390    | 4770 |
| ZM370                                    | 3700                    | 2500                                      | 3000      | 3500      | 2345 | 2420 | 2530                   | 1345                         | 1190                | 1350 | 6-6<br>6-12 | 3825    | 4410    | 4795 |
| ZM400                                    | 4000                    | 2500                                      | 2500      | 3200*3500 | 2545 | 2620 | 2730                   | 1545                         | 1390                | 1550 | 6-6<br>6-12 | 3905    | 4485    | 4880 |
| ZM425                                    | 4250                    | 2250*2500                                 | 2850*3000 | 3100*3200 | 2670 | 2745 | 2855                   | 1670                         | 1515                | 1675 | 6-6<br>6-12 | 3935    | 4515    | 4910 |
| ZM450                                    | 4500                    | 2150*2400                                 | 2750*3000 | 3000*3050 | 2795 | 2870 | 2980                   | 1795                         | 1640                | 1800 | 6-6<br>6-12 | 3960    | 4540    | 4940 |
| ZM500                                    | 5000                    | 1650*2200                                 | 2400*2850 | 2500*2850 | 3045 | 3120 | 3230                   | 2045                         | 1890                | 2050 | 6-6<br>6-6  | 4015    | 4595    | 4995 |
| ZM550                                    | 5500                    | *1950                                     | *2450     | *2500     | 3345 | 3420 | 3530                   | 2345                         | 2190                | 2350 | *3-6        | 4115    | 4690    | 5090 |
| ZM600                                    | 6000                    | *1800                                     | *2200     | *2300     | 3595 | 3670 | 3780                   | 2595                         | 2440                | 2600 | *3-6        | 4160    | 4745    | 5160 |

Note: (1) free lifting height of 2-2.5t forklift truck (without backrest): +436mm  
free lifting height of 3t forklift truck (without backrest): +567mm  
free lifting height of 3.5t forklift truck (without backrest): +459mm  
(2) Service weight in the table is the weight of truck installed with double-tyre. +110kg  
(3) \*means the loading capacity when front tyre is double-tyre.

| 2.5-3.5 WIDE VIEW FULL FREE 3 STAGE MAST |                         |                                           |         |           |  |                            |      |      |                              |      |      |                                     |                     |         |         |      |
|------------------------------------------|-------------------------|-------------------------------------------|---------|-----------|--|----------------------------|------|------|------------------------------|------|------|-------------------------------------|---------------------|---------|---------|------|
| Mast type                                | Max. lifting height (m) | Loading capacity (load center 500mm) (kg) |         |           |  | Mast overall height C (mm) |      |      | Free lifting (with backrest) |      |      | Mast tilting angle Forward/Backward | Service weight (kg) |         |         |      |
|                                          |                         | RG(P)25                                   | RG(P)30 | RG(P)35   |  | 2-2.5t                     | 3t   | 3.5t | 2-2.5t                       | 3t   | 3.5t |                                     | RG(P)25             | RG(P)30 | RG(P)35 |      |
| ZSM360                                   | 3600                    |                                           | 2400    | 2900      |  | 3300                       | 1795 | 1930 | 1930                         | 795  | 703  | 753                                 | 6-6<br>5-6          | 3845    | 4480    | 4800 |
| ZSM400                                   | 4000                    |                                           | 2400    | 2900      |  | 3300                       | 1920 | 2055 | 2055                         | 920  | 828  | 878                                 | 6-6<br>5-6          | 3885    | 4530    | 4835 |
| ZSM435                                   | 4350                    | 2200*2400                                 |         | 2800*2900 |  | 2900*3000                  | 2045 | 2180 | 2180                         | 1045 | 953  | 1003                                | 6-6<br>5-6          | 3920    | 4570    | 4875 |
| ZSM450                                   | 4500                    | 2150*2300                                 |         | 2700*2800 |  | 2800*2900                  | 2085 | 2230 | 2230                         | 1090 | 1003 | 1053                                | 6-6<br>5-6          | 3935    | 4585    | 4890 |
| ZSM470                                   | 4700                    | 2000*2300                                 |         | 2600*2800 |  | 2600*3000                  | 2120 | 2230 | 2230                         | 1160 | 1003 | 1053                                | 6-6<br>5-6          | 3955    | 4595    | 4900 |
| ZSM480                                   | 4800                    | 1950*2300                                 |         | 2500*2800 |  | 2600*3000                  | 2195 | 2330 | 2330                         | 1195 | 1103 | 1153                                | 6-6<br>5-6          | 3970    | 4615    | 4920 |
| ZSM500                                   | 5000                    | 1650*2250                                 |         | 2400*2750 |  | 2450*2850                  | 2295 | 2430 | 2430                         | 1295 | 1203 | 1253                                | 6-6<br>5-6          | 3995    | 4650    | 4955 |
| ZSM540                                   | 5400                    | 1500*2150                                 |         | 2250*2650 |  | 2300*2760                  | 2420 | 2555 | 2555                         | 1420 | 1328 | 1378                                | 3-6<br>3-6          | 4030    | 4680    | 4985 |
| ZSM600                                   | 6000                    | 1000*1800                                 |         | 1500*2100 |  | 1550*2200                  | 2645 | 2780 | 2780                         | 1645 | 1553 | 1603                                | 3-6<br>3-6          | 4125    | 4790    | 5095 |

Note: (1) free lifting height of 2-2.5t forklift truck (without backrest): +440mm  
free lifting height of 3t forklift truck (without backrest): +562mm  
free lifting height of 3.5t forklift truck (without backrest): +517mm  
(2) Service weight in the table is the weight of truck installed with double-tyre. +110kg  
(3) \*means the loading capacity when front tyre is double-tyre.