

### 动力系统

#### Power system

标配国产或进口发动机，客户可以选配五十铃、洋马、三菱等品牌最新的低排放发动机，动力强劲，工作可靠。满足国三、欧三及以上排放标准，大大降低有害物质排放。

Equipped with Chinese or imported powerful engines with excellent environmental performance, Isuzu, Yanmar, Mitsubishi and Cummins engines are optional. The latest low-emission engine runs within the limit of National stage III, Euro III and above emission standards, and lowers the pollutant emission effectively.

### 安全系统

#### Security system

选装 OPS 系统。在工作时，如果驾驶员中途离开座位，OPS 系统会自动切断电源，避免危险发生。

Equipped with OPS system as optional. When the operator leaves the seat during operation, the system will cut off the driving power to avoid accidents.

### 驾驶方便舒适

#### Easy and comfortable operation

操纵手柄右置，换向、灯光手柄轿车化布置，小直径方向盘，精确的仪表显示，使机手操作方便，体验舒适。

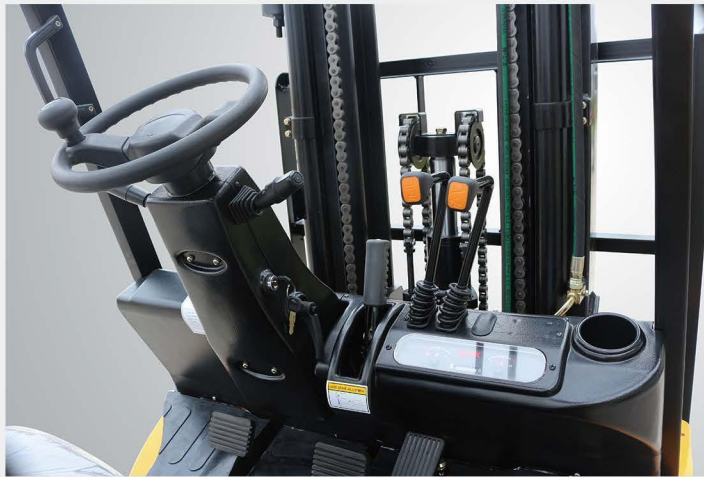
The joystick is placed on the right of the driver, reversing lever and light handle in vehicle layout, together with small diameter steering wheel and instrument panel with concise meter, making the operation easier and more comfortable.

### 新型护顶架

#### New design overhead guard

加强型护顶架采用大圆弧支腿结构，增加了操作空间，优化了机手视野，搭配新材料雨棚，遮阳挡雨，机手驾驶更舒适。

Heightening overhead guard with big circular arc structure of front legs enlarges the operating space and expands the operators visual fields. The new-type canopy shading operators from the sun and rain, reduces the driving fatigue effectively.



# 2-3.5t

## H系列内燃平衡重式叉车

### H SERIES INTERNAL COMBUSTION COUNTERBALANCE FORKLIFT



### 部件质量可靠

#### Reliable components

配备市场经久验证的专用变速箱，大大降低整车故障率，提高了应用安全性。

Equipped with specialized and market-proven gearbox, the failure rate is greatly reduced while the operation security is highly improved.

### 新型宽视野门架

#### New type wide view stable mast

采用宽视野门架，驾驶员拥有优异的视野。选装德国进口槽钢，搭配精湛的焊接工艺和先进技术，门架槽钢截面加大，整体结构坚固可靠。

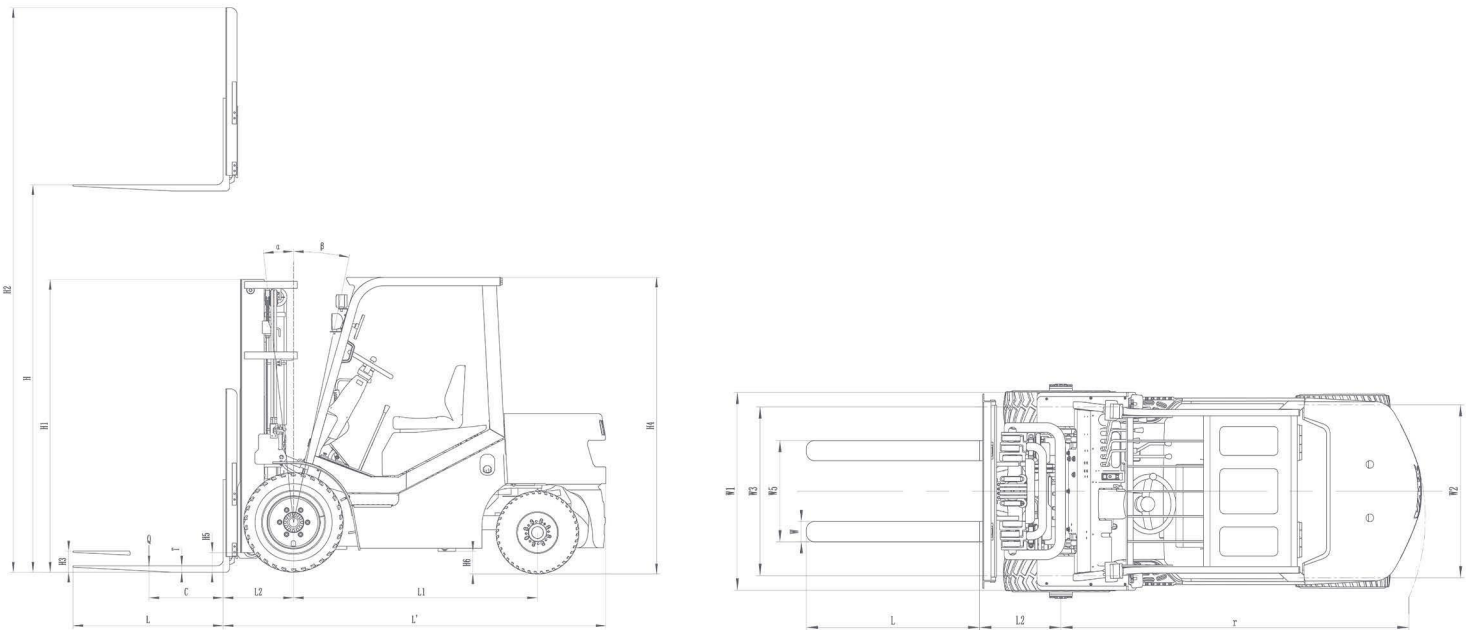
The wide view mast is adopted which offers a good vision for the driver. Original imported German U-steel as optional together with advanced welding process and enlarged cross section makes the mast more stable and durable.





| 制造商和技术参数 Manufacturer and technical data |                   |                                                |       |        |                            |                            |                            |                            |
|------------------------------------------|-------------------|------------------------------------------------|-------|--------|----------------------------|----------------------------|----------------------------|----------------------------|
| 特性                                       |                   | Characteristics                                |       |        |                            |                            |                            |                            |
| 1.01                                     | 制造商               | Manufacturer                                   |       |        |                            |                            |                            |                            |
| 1.02                                     | 型号                | Model                                          |       |        | CPCD20                     | CPCD25                     | CPCD30                     | CPCD35                     |
| 1.03                                     | 额定起重量             | Rated capacity                                 | Q     | kg     | 2000                       | 2500                       | 3000                       | 3500                       |
| 1.04                                     | 载荷中心距             | Load center distance                           | C     | mm     | 500                        | 500                        | 500                        | 500                        |
| 1.05                                     | 动力形式              | Power type                                     |       |        | 柴油 Diesel                  | 柴油 Diesel                  | 柴油 Diesel                  | 柴油 Diesel                  |
| 1.06                                     | 驾驶方式              | Driving type                                   |       |        | 坐驾式 Seated                 | 坐驾式 Seated                 | 坐驾式 Seated                 | 坐驾式 Seated                 |
| 1.07                                     | 轴距                | Wheel base                                     | L1    | mm     | 1600                       | 1600                       | 1740                       | 1740                       |
| 轮胎 Tyres                                 |                   |                                                |       |        |                            |                            |                            |                            |
| 2.01                                     | 轮胎类型              | Tyre type                                      |       |        | 充气胎 Penumatic              | 充气胎 Penumatic              | 充气胎 Penumatic              | 充气胎 Penumatic              |
| 2.02                                     | 车轮数量 (前/后)        | Wheel number(front/rear)                       |       |        | 2X / 2                     | 2X / 2                     | 2X / 2                     | 2X / 2                     |
| 2.03                                     | 前轮距               | Front tread                                    | W3    | mm     | 970                        | 970                        | 1000                       | 1000                       |
| 2.04                                     | 后轮距               | Rear tread                                     | W2    | mm     | 970                        | 970                        | 970                        | 970                        |
| 2.05                                     | 轮胎, 前             | Tyre(front)                                    |       |        | 7.00-12-12PR               | 7.00-12-12PR               | 28X9-15-12PR               | 28X9-15-12PR               |
| 2.06                                     | 轮胎, 后             | Tyre(rear)                                     |       |        | 6.00-9-10PR                | 6.00-9-10PR                | 6.50-10-10PR               | 6.50-10-10PR               |
| 尺寸 Size                                  |                   |                                                |       |        |                            |                            |                            |                            |
| 3.01                                     | 前悬距               | Front overhang                                 | L2    | mm     | 469                        | 469                        | 487                        | 489                        |
| 3.02                                     | 门架倾角, 前/后         | Mast tilting angle,front/rear                  | α/β   | °      | 6/12                       | 6/12                       | 6/12                       | 6/12                       |
| 3.03                                     | 自由起升高度            | Free lifting height                            | H3    | mm     | 145                        | 145                        | 150                        | 150                        |
| 3.04                                     | 最大起升高度            | Max. lifting height                            | H     | mm     | 3000                       | 3000                       | 3000                       | 3000                       |
| 3.05                                     | 作业时最大高度           | Max. height after lifting                      | H2    | mm     | 4042                       | 4042                       | 4250                       | 4250                       |
| 3.06                                     | 护顶架高度             | Overall guard height                           | H4    | mm     | 2100                       | 2100                       | 2115                       | 2115                       |
| 3.07                                     | 货叉尺寸 长×宽×厚        | Fork size: length×width×thickness              | LxWxT | mm     | 1070x 100x 40              | 1070 x 120 x 40            | 1070 x 122 x 45            | 1070 x 122 x 50            |
| 3.08                                     | 车体长度 (不含货叉)       | Overall length(fork excluded)                  | L'    | mm     | 2560                       | 2560                       | 2715                       | 2715                       |
| 3.09                                     | 车体宽度              | Overall width                                  | W1    | mm     | 1160                       | 1160                       | 1225                       | 1225                       |
| 3.10                                     | 转弯半径              | Turning radius                                 | r     | mm     | 2230                       | 2230                       | 2400                       | 2420                       |
| 3.11                                     | 门架离地间隙            | Ground clearance of mast                       | H5    | mm     | 110                        | 110                        | 120                        | 120                        |
| 3.12                                     | 轴距中心离地间隙 (满载)     | Ground clearance of wheel base center (loaded) | H6    | mm     | 135                        | 135                        | 148.5                      | 148.5                      |
| 3.13                                     | 货叉调节范围 (外侧) 最大/最小 | Lateral fork adjustment Max./Min.              | W5    | mm     | 1024/200                   | 1024/240                   | 1060/250                   | 1060/250                   |
| 性能 Performance                           |                   |                                                |       |        |                            |                            |                            |                            |
| 4.01                                     | 行驶速度 (满/空载)       | Travelling speed (loaded/unloaded)             |       | km/h   | 17/19                      | 17/19                      | 18/19                      | 18/19                      |
| 4.02                                     | 起升速度 (满/空载)       | Lifting speed (loaded/unloaded)                |       | mm/s   | 530/550                    | 530/550                    | 470/520                    | 370/400                    |
| 4.03                                     | 下降速度 (满/空载)       | Lowering speed(loaded/unloaded)                |       | mm/s   | 450/550                    | 450/550                    | 450/550                    | 350/400                    |
| 4.04                                     | 爬坡能力 (满载)         | Gradeability (loaded)                          |       | %      | 27/25                      | 23/18                      | 22/18                      | 20/16                      |
| 4.05                                     | 最大牵引力 (满载)        | Max. traction force (loaded)                   |       | N      | 19/14                      | 21/15.2                    | 18/14                      | 19/147                     |
| 重量 Weight                                |                   |                                                |       |        |                            |                            |                            |                            |
| 5.01                                     | 总重                | Total weight                                   |       | Kg     | 3400                       | 3649                       | 4200                       | 4550                       |
| 5.02                                     | 桥负载 (空载), 前/后     | Axle load (unloaded), front/rear               |       | Kg     | 1416/1984                  | 1475/2305                  | 1850/2560                  | 2450/3160                  |
| 5.03                                     | 桥负载 (满载), 前/后     | Axle load (loaded), front/rear                 |       | Kg     | 4740/660                   | 5475/805                   | 6480/930                   | 7180/1330                  |
| 发动机 Combustion -engine                   |                   |                                                |       |        |                            |                            |                            |                            |
| 6.01                                     | 发动机品牌/型号          | Engine manufacturer/Model                      |       |        | XINCHAI 新柴 C490BPG         | XINCHAI 新柴 C490BPG         | XINCHAI 新柴 C490BPG         | XINCHAI 新柴 A495BPG         |
| 6.02                                     | 额定功率/转速           | Rated power/Speed                              |       | Kw/rpm | 40/2650                    | 40/2650                    | 40/2650                    | 42/2500                    |
| 6.03                                     | 最大扭矩/转速           | Max.torque/Speed                               |       | Nm/rpm | 160/1800-2000              | 160/1800-2000              | 160/1800-2000              | 174/1800-2000              |
| 6.04                                     | 气缸数-缸径×行程         | Cylinder number -bore×stroke                   |       |        | 4-90×105                   | 4-90×105                   | 4-90×105                   | 4-95×105                   |
| 6.05                                     | 发动机排量             | Engine displacement                            |       | L      | 2.67                       | 2.67                       | 2.67                       | 2.977                      |
| 6.06                                     | 排放标准              | Emission                                       |       |        | Stage II                   | Stage II                   | Stage II                   | Stage II                   |
| 6.07                                     | 变速箱档位 (前/后)       | Transmission gears (front/rear)                |       |        | 1-1 动力换挡 Power Shift       | 1-1 动力换挡 Power Shift       | 1-1 动力换挡 Power Shift       | 1-1 动力换挡 Power Shift       |
| 6.08                                     | 燃油箱容量             | Fuel tank capacity                             |       | L      | 60                         | 60                         | 60                         | 60                         |
| 其他数据 Additional data                     |                   |                                                |       |        |                            |                            |                            |                            |
| 7.01                                     | 行车制动/停车制动         | Service brake/parking brake                    |       |        | 液压/机械 Hydraulic/Mechanical | 液压/机械 Hydraulic/Mechanical | 液压/机械 Hydraulic/Mechanical | 液压/机械 Hydraulic/Mechanical |
| 7.02                                     | 液压系统工作压力          | Hydraulic system working pressure              |       | Mpa    | 17.5                       | 17.5                       | 17.5                       | 17.5                       |

| 可选配的叉车发动机型号及其主要技术参数 Engine Model and Main Specification for Option |                                          |                                           |                                                        |                                               |                   |
|--------------------------------------------------------------------|------------------------------------------|-------------------------------------------|--------------------------------------------------------|-----------------------------------------------|-------------------|
| 发动机型号<br>Internal Combustion<br>Engine Model                       | 额定功率/转速<br>Rated power/speed<br>(kw/rpm) | 额定扭矩/转速<br>Rated torque/speed<br>(Nm/rpm) | 发动机排量(L)<br>Internal Combustion<br>Engine Displacement | 发动机缸数-缸径×行程<br>Cylinder number<br>Bore×Stroke | 排放标准<br>Emission  |
| 新柴 3E22YG51<br>XINCHAI 3E22YG51                                    | 44.8/2400                                | 210/1600-1800                             | 2.23                                                   | 3-94×107                                      | Euro V            |
| 新柴A495BPG<br>XINCHAI A495BPG                                       | 42/2500                                  | 174/1800-2000                             | 2.977                                                  | 4-95×105                                      | Stage II          |
| 新柴C490BPG<br>XINCHAI C490BPG                                       | 40/2650                                  | 160/1800~2000                             | 2.67                                                   | 4-90×105                                      | Stage II          |
| 新柴A498BPG<br>XINCHAI A498BPG                                       | 45/2500                                  | 193/1800~2000                             | 3.168                                                  | 4-98×105                                      | Stage II          |
| 三菱S4S-DPEU2<br>MITSUBISHI S4S-DPEU2                                | 35.3/2250                                | 177/1700                                  | 3.331                                                  | 4-94×120                                      | Stage IIIA        |
| 五十铃C240PKJ-30<br>ISUZU C240PKJ-30                                  | 35.4/2500                                | 137.7/1800                                | 2.369                                                  | 4-86×102                                      | StageIIIA         |
| 科勒1903TCR<br>KORLER 1903TCR                                        | 42/2600                                  | 225/1500                                  | 1.861                                                  | 3-88×102                                      | Stage IIIB/EPAT4F |
| 康明斯QSF2.8T3NA49<br>SUMMINS QSF2.8T3NA49                            | 36.5/2500                                | 186/1100-1700                             | 2.8                                                    | 4-94×100                                      | Stage IIIA        |
| 久保田V2607-CR-EW03<br>KUBOTA V2607-CR-EW03                           | 37.4/2400                                | 174.1/1500                                | 2.615                                                  | 4-87×110                                      | Euro V/EPAT4F     |



注：  
竖轴表示承载量，横轴表示载荷中心。载荷中心是从货叉正面计算起，标准载荷的基本点是货叉边长为 1000 毫米的立方体中心位置。当门架前倾、使用非标准货叉或装载超过正常宽度的负荷时，将会使承载量减少。通过负荷曲线图，能及时地了解标准门架在各种载荷中心时的承载能力。

Note:  
The vertical axis stands for the load capacity and the horizontal axis stands for the load center. The load center is calculated from the face of the fork. The base point of the standard load is the center of the cube with a load side length of 1000 mm. When the mast leans forward, or non-standard forks are used, or loads exceeds normal width, the load capacity will be reduced. Through the load chart, the bearing capacity of the standard mast at various load centers can be timely understood.

| 宽视野基本型门架 WIDE VIEW MAST |                                       |                                                                |               |               |               |                                         |      |      |                                                  |
|-------------------------|---------------------------------------|----------------------------------------------------------------|---------------|---------------|---------------|-----------------------------------------|------|------|--------------------------------------------------|
| 门架类型<br>Mast model      | 最大起升高度<br>Max. lifting height<br>(mm) | 承载能力 (载荷中心为500mm) kg<br>Load capacity (load center 500mm) (kg) |               |               |               | 门架全高 (货叉落地)<br>Mast overall height (mm) |      |      | 门架倾角 (前/后)<br>Mast tilting angle<br>(front/rear) |
|                         |                                       | 2t                                                             | 2.5t          | 3t            | 3.5t          | 2-2.5t                                  | 3t   | 3.5t |                                                  |
| M200                    | 2000                                  | 2000                                                           | 2500          | 3000          | 3500          | 1495                                    | 1565 | 1600 | 6/12                                             |
| M250                    | 2500                                  | 2000                                                           | 2500          | 3000          | 3500          | 1745                                    | 1815 | 1850 | 6/12                                             |
| M270                    | 2700                                  | 2000                                                           | 2500          | 3000          | 3500          | 1845                                    | 1915 | 1950 | 6/12                                             |
| M300                    | 3000                                  | 2000                                                           | 2500          | 3000          | 3500          | 1995                                    | 2065 | 2100 | 6/12                                             |
| M330                    | 3300                                  | 2000                                                           | 2500          | 3000          | 3500          | 2145                                    | 2215 | 2250 | 6/12                                             |
| M350                    | 3500                                  | 2000                                                           | 2500          | 3000          | 3500          | 2245                                    | 2315 | 2350 | 6/12                                             |
| M370                    | 3700                                  | 2000                                                           | 2500          | 3000          | 3500          | 2345                                    | 2415 | 2450 | 6/6                                              |
| M400                    | 4000                                  | 2000                                                           | 2500          | 3000          | 3500          | 2545                                    | 2615 | 2670 | 6/6                                              |
| M425                    | 4250                                  | 1800<br>*2000                                                  | 2300<br>*2500 | 2850<br>*3000 | 3200<br>*3400 | 2670                                    | 2740 | 2775 | 6/6                                              |
| M450                    | 4500                                  | 1600<br>*1900                                                  | 2100<br>*2400 | 2600<br>*3000 | 2900<br>*3100 | 2795                                    | 2865 | 2900 | 6/6                                              |
| M500                    | 5000                                  | 1200<br>*1700                                                  | 1600<br>*1900 | 2100<br>*2600 | 2400<br>*2750 | 3045                                    | 3115 | 3150 | 6/6                                              |
| M550                    | 5500                                  | 950<br>*1500                                                   | 1200<br>*1700 | 1650<br>*2400 | 1800<br>*2500 | 3345                                    | 3415 | 3450 | *3/6                                             |
| M600                    | 6000                                  | 700<br>*1200                                                   | 900<br>*1400  | 1200<br>*2100 | 1400<br>*2300 | 3595                                    | 3665 | 3700 | *3/6                                             |

Note: (1)\* refers to the load capacity of truck with dual tyres  
(2) The service weight is the weight of truck with dual tyres: +110 kg  
(3) Max. lifting height (backrest): +580mm

| 二级全自由门架 WIDE VIEW FULL FREE 2-STAGE MEST |                                    |                                                               |               |               |               |                                        |      |      |                                                      |      |      |                                               |
|------------------------------------------|------------------------------------|---------------------------------------------------------------|---------------|---------------|---------------|----------------------------------------|------|------|------------------------------------------------------|------|------|-----------------------------------------------|
| 门架类型<br>Mast model                       | 最大起升高度<br>Max. lifting height (mm) | 承载能力 (载荷中心为500mm)(kg)<br>Load capacity(load center 500mm)(kg) |               |               |               | 门架全高 (货叉落地)<br>Mast overall height(mm) |      |      | 自由起升 (带挡货架)<br>Free lifting height(with backrest) mm |      |      | 门架倾角 (前/后)<br>Mast tilting angle (front/rear) |
|                                          |                                    | 2t                                                            | 2.5t          | 3t            | 3.5t          | 2-2.5t                                 | 3t   | 3.5t | 2.2.5t                                               | 3t   | 3.5t |                                               |
| ZM200                                    | 2000                               | 2000                                                          | 2500          | 3000          | 3500          | 1495                                   | 1565 | 1595 | 495                                                  | 325  | 370  | 6/12                                          |
| ZM250                                    | 2500                               | 2000                                                          | 2500          | 3000          | 3500          | 1745                                   | 1815 | 1845 | 745                                                  | 575  | 620  | 6/12                                          |
| ZM300                                    | 3000                               | 2000                                                          | 2500          | 3000          | 3500          | 1995                                   | 2065 | 2095 | 995                                                  | 825  | 870  | 6/12                                          |
| ZM330                                    | 3300                               | 2000                                                          | 2500          | 3000          | 3500          | 2145                                   | 2215 | 2245 | 1145                                                 | 975  | 1020 | 6/12                                          |
| ZM350                                    | 3500                               | 2000                                                          | 2500          | 3000          | 3500          | 2245                                   | 2315 | 2345 | 1245                                                 | 1075 | 1120 | 6/6<br>*6/12<br>*6/10                         |
| ZM370                                    | 3700                               | 2000                                                          | 2500          | 2850<br>*3000 | 3500          | 2345                                   | 2415 | 2445 | 1370                                                 | 1175 | 1220 | 6/6<br>*6/12<br>*6/10                         |
| ZM400                                    | 4000                               | 2000                                                          | 2500          | 2700<br>*3000 | 3300<br>*3500 | 2545                                   | 2615 | 2645 | 1545                                                 | 1375 | 1420 | 6/6<br>*6/12<br>*6/10                         |
| ZM425                                    | 4250                               | 1900<br>*2000                                                 | 2250<br>*2500 | 2550<br>*2850 | 3200<br>*3500 | 2670                                   | 2740 | 2770 | 1670                                                 | 1550 | 1545 | 6/6<br>*6/12<br>*6/10                         |
| ZM450                                    | 4500                               | 2180<br>*2000                                                 | 2400<br>*2500 | 2600<br>*2700 | 2900<br>*3100 | 2795                                   | 2865 | 2895 | 1795                                                 | 1625 | 1670 | 6/6<br>*6/12<br>*6/10                         |
| ZM500                                    | 5000                               | 1500<br>*1700                                                 | 1650<br>*2000 | 2000<br>*2400 | 2400<br>*2750 | 3045                                   | 3115 | 3145 | 2045                                                 | 1875 | 1920 | *3/6                                          |
| ZM550                                    | 5500                               | *1600                                                         | *1950         | 1600<br>*2200 | 1800<br>*2400 | 3345                                   | 3415 | 3445 | 2345                                                 | 2175 | 2220 | *3/6                                          |
| ZM600                                    | 6000                               | *1800                                                         | *1800         | 1200<br>*1900 | 1400<br>*2200 | 3595                                   | 3665 | 3695 | 2595                                                 | 2475 | 2470 | *3/6                                          |

Note: (1)\*refers to the load capacity of truck with dual tyres  
(2)The service weight is the weight of truck with dual tyres:+110kg  
(3)Free lifting height (without backrest) 2-2.5T: +435mm; 3-3.5T: +580mm

| 门架类型<br>Mast model | 最大起升高度<br>Max. lifting height (mm) | 承载能力 (载荷中心为500mm) kg<br>Load capacity (load center 500mm) (kg) |               |               |               | 门架全高 (货叉落地) mm<br>Mast overall height (mm) |      |      | 自由起升 (带挡货架) mm<br>Free lifting height (with backrest) mm |      |      | 门架倾角 (前/后)<br>Mast tilting angle (front/rear) |
|--------------------|------------------------------------|----------------------------------------------------------------|---------------|---------------|---------------|--------------------------------------------|------|------|----------------------------------------------------------|------|------|-----------------------------------------------|
|                    |                                    | 2t                                                             | 2.5t          | 3t            | 3.5t          | 2-2.5t                                     | 3t   | 3.5t | 2-2.5t                                                   | 3t   | 3.5t |                                               |
| ZSM360             | 3600                               | 2000                                                           | 2500          | 3000          | 3500          | 1695                                       | 1765 | 1820 | 655                                                      | 528  | 588  | 6°/6°                                         |
| ZSM400             | 4000                               | 2000                                                           | 2500          | 3000          | 3500          | 1830                                       | 1898 | 1953 | 778                                                      | 661  | 721  | 6°/6°                                         |
| ZSM420             | 4200                               | 1850<br>*2000                                                  | 2200<br>*2400 | 2900<br>*2950 | 3300<br>*3350 | 1895                                       | 1965 | 2020 | 855                                                      | 728  | 788  | 6°/6°                                         |
| ZSM435             | 4350                               | 1750<br>*1900                                                  | 1950<br>*2300 | 2800<br>*2850 | 3100<br>*3200 | 1945                                       | 2015 | 2070 | 905                                                      | 778  | 838  | 6°/6°                                         |
| ZSM450             | 4500                               | 1600<br>*1700                                                  | 1700<br>*2200 | 2500<br>*2700 | 2800<br>*3000 | 1995                                       | 2065 | 2120 | 995                                                      | 828  | 888  | 6°/6°                                         |
| ZSM480             | 4800                               | 1250<br>*1800                                                  | 1500<br>*2000 | 2250<br>*2400 | 2500<br>*2750 | 2095                                       | 2165 | 2220 | 1055                                                     | 928  | 988  | 6°/6°                                         |
| ZSM500             | 5000                               | 1100<br>*1600                                                  | 1300<br>*1800 | 2100<br>*2300 | 2300<br>*2600 | 2165                                       | 2232 | 2287 | 1121                                                     | 995  | 1055 | 6°/6°                                         |
| ZSM550             | 5500                               | 900<br>*1300                                                   | 1100<br>*1600 | 1600<br>*2100 | 1700<br>*2300 | 2330                                       | 2398 | 2453 | 1288                                                     | 1161 | 1221 | 3°/6°<br>*3°/6°                               |
| ZSM600             | 6000                               | 700<br>*1100                                                   | 800<br>*1300  | 1200<br>*1900 | 1300<br>*2100 | 2550                                       | 2615 | 2670 | 1505                                                     | 1378 | 1438 | 3°/6°<br>*3°/6°                               |

注: (1)表示前轮为双胎时的承载力  
(2)表中自重为双胎的重量: +110kg  
(3)自由提升高度 (不带挡架) 2-2.5T: +435mm; 3-3.5T: +580mm

Note: (1)\*refers to the load capacity of truck with dual tyres  
(2)The service weight is the weight of truck with dual tyres:+110kg  
(3)Free lifting height (without backrest) 2-2.5T: +435mm; 3-3.5T: +580mm