HELI

# CPCD 50/60/70 /80/90/100

## W2K2



EMPOWER THE WORLD




# 5-10 t

K2 series Internal Combustion Counterbalanced Forklift Truck

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# TRAVEL STEADILY TO REACH THE FUTURE

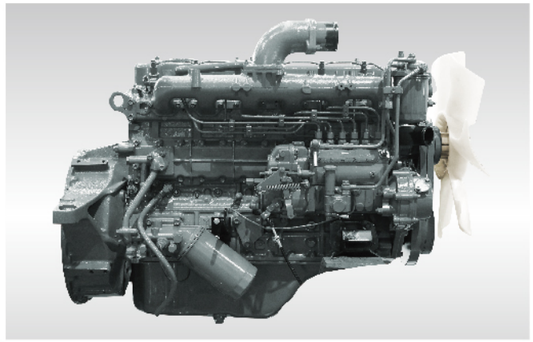
## LIFT HEAVY LOADS WITH EASE





ECONOMIC AND ENERGY SAVING 01~02
SAFE AND RELIABLE 03~04
SMART AND COMFORTABLE 05~06
CONVENIENT MAINTENANCE 07~08

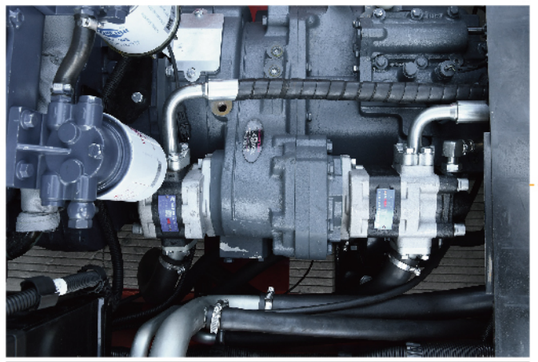
# ECONOMIC AND ENERGY SAVING



Classic engine, energy saving and reliable



Standard LED lamps, energy saving, more brighter, long service life



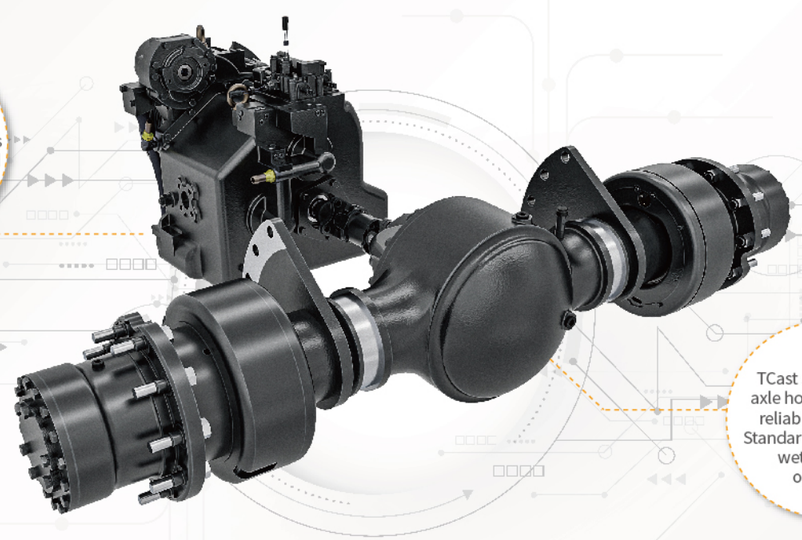
Load sensing steering and dual pump confluence technology, energy consumption reduce by 10%



# SAFE AND RELIABLE



The independently developed gearbox has experienced nearly 30 years of technical innovation and market validation



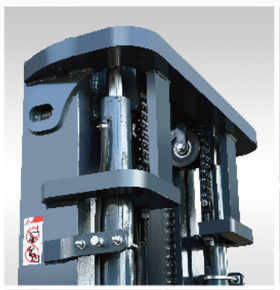
TCast steel driving axle housing ensure reliable structure; Standard drum brake, wet brake as optional.



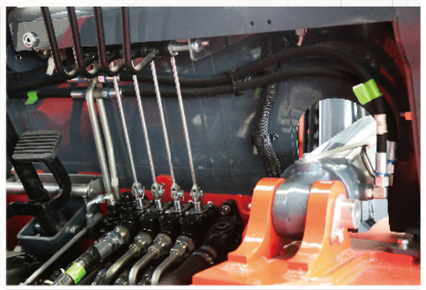
Rain test



Impact test of overhead guard



Frame type upper beam, more reasonable structure, enhance the rigidity and strength



Large diameter hydraulic pipe, Standard 24 degrees conical seal.



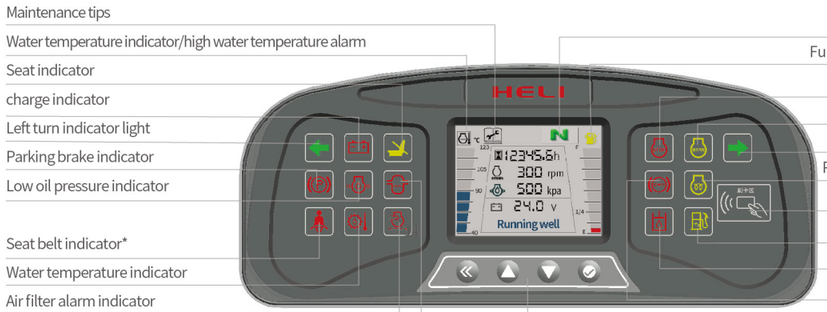
Optional configurations for safety: Three sides lights, Rear working lamps, Blue light, Extinguisher, Warning light, Reversing radar and camera.

# SMART AND COMFORTABLE



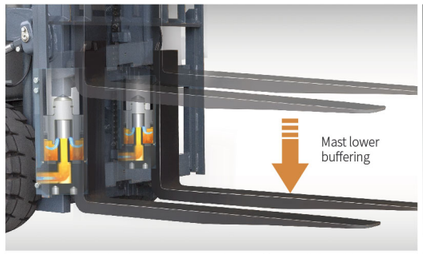
The rubber hose is hidden behind the chain to achieve good front view.

## RELIABLE SPECIAL DESIGNED INSTRUMENT




- Maintenance tips
- Water temperature indicator/high water temperature alarm
- Seat indicator
- charge indicator
- Left turn indicator light
- Parking brake indicator
- Low oil pressure indicator
- Seat belt indicator*
- Water temperature indicator
- Air filter alarm indicator
- oil water separation indicator
- Neutral position indicator
- Fuel level gauge/Low fuel indicator
- Controller shut down indicator
- Controller warning indicator
- Right turn indicator
- Preheating or start waiting indicator
- Card swiped area*
- LPG pressure alarm*
- Main hydraulic plugging indicator
- Low brake pressure indicator*
- The key area

Reliable special meter displays the whole truck's working condition, fault detect and other important information completely which makes the operator master the whole truck condition directly and conveniently.
*: Some model options.



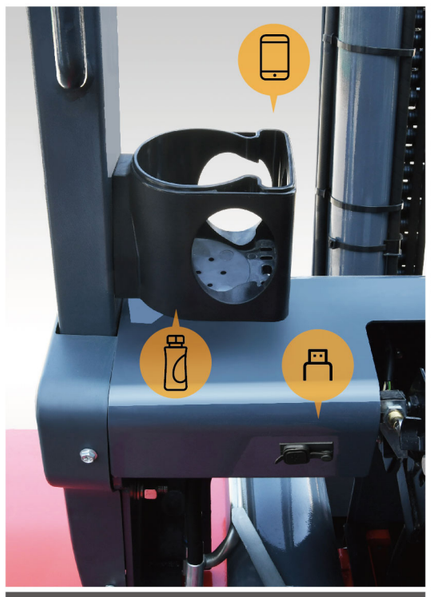

Standard mast lower buffering, while lift buffering is fitted for full free mast to achieve better operation experience.



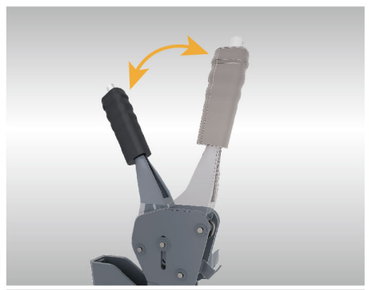
Standard semi-enclosed seat, which is more comfortable for drivers.




Large steering angle axle is equipped to get smaller turning radius.



Standard cup seat. Option USB connector



Ratchet type hand brake



Cabinet with lock



Electro-hydraulic direction changing device




Integrated light switch




The rear view is more larger by optimizing the structure of counterweight.

# CONVENIENT MAINTENANCE





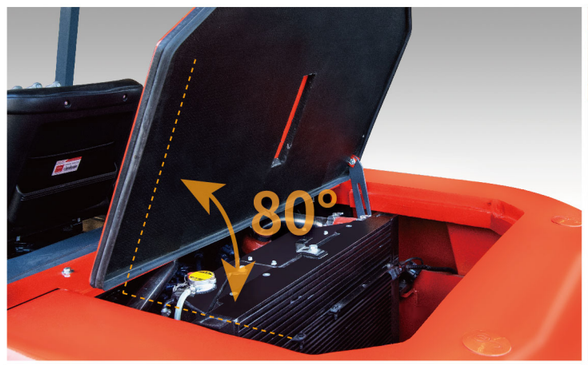

Floor board with checking hole, which is convenient to gearbox maintenance.



Standard 9 inch air filter with iron shell is helpful to extend maintenance period.



Integrated electrical cabinet, dustproof and waterproof, easy to check



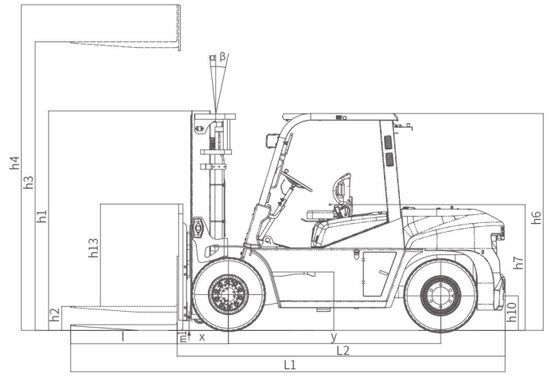

Radiator cover with supporting rod can open to 80 degrees. It is convenient to check.

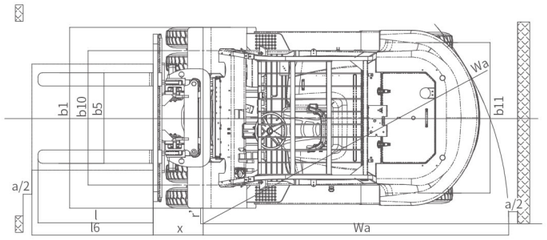


Standard steering axle cylinder sleeve, which is more reliable for harsh working condition. Reasonable grease fitting layout makes lubrication more easy.

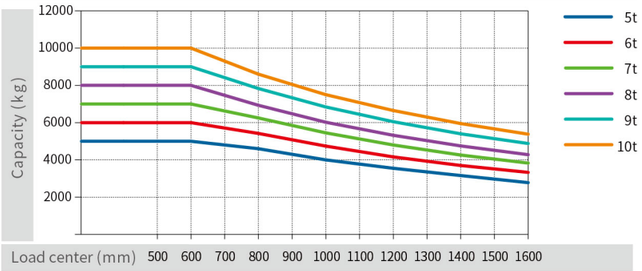
## MANUFACTURER AND TECHNICAL DATA

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1.0 | Manufacturer | | | HELI | | | | | |
| 2.0 | Model | | | CPCD50 | CPCD60 | CPCD70 | CPCD80 | CPCD90 | CPCD100 |
| 3.0 | Configuration number | | | W2K2 | | | | | |
| | Characteristics | | | | | | | | |
| 4.01 | Rated capacity | | kg | 5000 | 6000 | 7000 | 8000 | 9000 | 10000 |
| 4.02 | Load center distance | | mm | 600 | | | | | |
| 4.03 | Power mode | | | Diesel | | | | | |
| 4.04 | Driving mode | | | Seat-type | | | | | |
| 4.05 | Front overhang | x | mm | 575 | 580 | 585 | 695 | 685 | 700 |
| 4.06 | Wheelbase | y | mm | 2400 | | | 2400 | 2550 | 2850 |
| 4.07 | Total weight | | kg | 8000 | 8570 | 9170 | 10040 | 11450 | 12300 |
| | Dimension parameter | | | | | | | | |
| 5.01 | Mast tilt angle (forward/backward) | α/β | ° | 6/12 | | | | | |
| 5.02 | Height (mast lowered) | h1 | mm | 2480 | | | 2547 | 2700 | 2850 |
| 5.03 | Free lifting height | h2 | mm | 155 | 160 | 165 | 170 | 190 | 200 |
| 5.04 | Lifting height (standard) | h3 | mm | 3000 | | | | | |
| 5.05 | Max. height,extended (with backrest) | h4 | mm | 4400 | | | 4467 | 4250 | 4415 |
| 5.06 | Height of overhead guard | h6 | mm | 2450 | | | 2510 | 2560 | |
| 5.07 | Seat height relating to SIP (to ground) | h7 | mm | 1430 | | | 1490 | 1540 | |
| 5.08 | Towing coupling height | h10 | mm | 390 | | | 450 | 475 | |
| 5.09 | Ground clearance (between mast) | m1 | mm | 180 | | | 245 | 250 | |
| 5.10 | Backrest height (Calculated from the surface of the fork) | h13 | mm | 1360 | 1350 | 1345 | / | / | / |
| 5.11 | Overall length (with fork) | L1 | mm | 4770 | 4850 | 4890 | 5020 | 5180 | 5440 |
| 5.12 | Overall length (without fork) | L2 | mm | 3550 | 3630 | 3670 | 3800 | 3960 | 4220 |
| 5.13 | Overall width | b1 | mm | 2044 | | | 2124 | 2164 | |
| 5.14 | Fork adjustable range (the external of the fork)(Max./Min.) | b5 | mm | 300-1845 | | | 370-1750 | 470-1990 | 470-2100 |
| 5.15 | Fork size:thickness x width x length | s/e/l | mm | 55x150x1220 | 60x150x1220 | 65x150x1220 | 70x150x1220 | 80x175x1220 | |
| 5.16 | Tread，front | b10 | mm | 1520 | | | 1520 | 1600 | 1600 |
| 5.17 | Tread，rear | b11 | mm | 1700 | | | 1700 | 1700 | 1700 |
| 5.18 | Right angle stacking aisle width for pallet 1000 x1200mm crossways | Ast | mm | 5230 | 5280 | 5350 | 5470 | 5740 | 6060 |
| 5.19 | Min. outside turning radius | Wa | mm | 3250 | 3300 | 3350 | 3400 | 3630 | 3940 |
| | Performance Data | | | | | | | | |
| 6.01 | Travel speed (laden/unladen) | | km/h | 25/29 | 25/29 | 25/29 | 25/29 | 25/29 | 25/29 |
| 6.02 | Lift speed (laden/unladen) | | mm/s | 500/530 | 500/530 | 500/530 | 450/480 | 390/420 | 330/350 |
| 6.03 | Lowering speed (laden/unladen) | | mm/s | WITHOUT LOAD≥300 WITH FULL LOAD≤600 | | | | | |
| 6.04 | Max.drawbar pull (laden) | | kN | 60 | 60 | 60 | 60 | 60 | 60 |
| 6.05 | Max.gradeability (laden/unladen) | | % | 35/20 | 32/20 | 30/20 | 38/20 | 25/20 | 20/20 |
| | Tyres | | | | | | | | |
| 7.01 | Wheels,number front/rear (x=driven wheels) | | | 4X/2 | | | | | |
| 7.02 | Tyre type front/rear | | | Pneumatic-tyre | | | | | |
| 7.03 | Tyre size,front | | | 8.25-15-14PR | | | 8.25-20-14PR | 9.00-20-14PR | |
| 7.04 | Tyre size,rear | | | 8.25-15-14PR | | | 8.25-15-14PR | 9.00-20-14PR | |
| | Combustion-engine | | | | | | | | |
| 8.01 | Engine manufacturer/Moel | | | ISUZU 6BG1QC-02 | | | | | |
| 8.02 | Rated power/Speed | | Kw/rpm | 82/2000 | | | | | |
| 8.03 | Max. torque/Speed | | Nm/rpm | 415/1400-1600 | | | | | |
| 8.04 | Cylinder number-bore x stroke | | /L | 6-105X125/6.5 | | | | | |
| 8.05 | Fuel tank capacity | | L | 140 | | | | | |
| | Other | | | | | | | | |
| 9.01 | Transmission type | | | Hydraulic transmission - mechanical shift(electro-hydraulic directional change optional) | | | | | |
| 9.02 | Transmission number of speed (fwd/bwd) | | | 2/2 | | | | | |
| 9.03 | Service brake | | | Powered brake-pedal type | | | | | |
| 9.04 | Parking brake | | | Mechanical-hand brake lever type | | | | | |
| 9.05 | Operating pressure for attachments | | mpa | 20.5 | | | 23 | 20.5 | 20.5 |
| 9.06 | Battery voltage/Capacity | | V/Ah | 2X12/80 | | | | | |




### Load curve




Note: The vertical axis stands for load capacity and the horizontal axis stands for load center which is calculated from the front surface of the forks to the gravity of the standard load.the standard load means a cubic with 1200mm edge length.When mast is tilted forward,using non-standard forks or loading large goods, the load capacity will be reduced.The load capacity of standard mast at different load center can be known from this load chart.

## 8T MAST PARAMETERS

| Mast type | Mast model | Max.lifting height (mm) | Load capacity (lode center 600mm)(kg) | Height (mast lowered)(mm) | Free lift height (with backrest) (mm) | Service weight (kg) | Mast tilt angle α/β (°) |
|---|---|---|---|---|---|---|---|
| | | | CPCD80 | CPCD80 | CPCD80 | CPCD80 | CPCD80 |
| Wide View Standard Mast | M220 | 2200 | 8000 | 2147 | 170 | 10136 | 6°/12° |
| | M250 | 2500 | 8000 | 2297 | 170 | 10174 | 6°/12° |
| | M270 | 2700 | 8000 | 2397 | 170 | 10201 | 6°/12° |
| | M300 | 3000 | 8000 | 2547 | 170 | 10240 | 6°/12° |
| | M330 | 3300 | 8000 | 2697 | 170 | 10279 | 6°/12° |
| | M350 | 3500 | 8000 | 2797 | 170 | 10305 | 6°/12° |
| | M375 | 3750 | 8000 | 2922 | 170 | 10338 | 6°/12° |
| | M400 | 4000 | 8000 | 3097 | 170 | 10471 | 6°/12° |
| | M425 | 4250 | 8000 | 3222 | 170 | 10503 | 6°/12° |
| | M450 | 4500 | 8000 | 3347 | 170 | 10536 | 6°/12° |
| | M475 | 4750 | 7850 | 3472 | 170 | 10569 | 6°/6° |
| | M500 | 5000 | 7700 | 3597 | 170 | 10602 | 6°/6° |
| | M530 | 5300 | 7500 | 3797 | 170 | 10653 | 6°/6° |
| | M550 | 5500 | 7300 | 3897 | 170 | 10766 | 6°/6° |
| | M600 | 6000 | 7000 | 4147 | 170 | 10832 | 6°/6° |
| Full Free 2-Stage Mast | ZM250 | 2500 | 8000 | 2277 | 1020 | 10096 | 6°/12° |
| | ZM270 | 2700 | 8000 | 2377 | 1120 | 10111 | 6°/12° |
| | ZM300 | 3000 | 8000 | 2527 | 1270 | 10141 | 6°/12° |
| | ZM330 | 3300 | 8000 | 2677 | 1420 | 10166 | 6°/12° |
| | ZM350 | 3500 | 8000 | 2777 | 1520 | 10196 | 6°/12° |
| | ZM375 | 3750 | 8000 | 2902 | 1645 | 10206 | 6°/12° |
| | ZM400 | 4000 | 8000 | 3077 | 1820 | 10311 | 6°/12° |
| | ZM425 | 4250 | 8000 | 3202 | 1945 | 10336 | 6°/12° |
| | ZM450 | 4500 | 8000 | 3327 | 2070 | 10371 | 6°/12° |
| | ZM475 | 4750 | 7850 | 3452 | 2195 | 10391 | 6°/6° |
| | ZM500 | 5000 | 7700 | 3577 | 2320 | 10411 | 6°/6° |
| | ZM550 | 5500 | 7300 | 3877 | 2620 | 10561 | 6°/6° |
| | ZM600 | 6000 | 7000 | 4127 | 2870 | 10601 | 6°/6° |
| Full Free 3-Stage Mast | ZSM360 | 3600 | 6700 | 2402 | 1100 | 10778 | 6°/6° |
| | ZSM400 | 4000 | 6700 | 2527 | 1225 | 10837 | 6°/6° |
| | ZSM435 | 4350 | 6700 | 2652 | 1350 | 10892 | 6°/6° |
| | ZSM480 | 4800 | 6700 | 2807 | 1505 | 10967 | 6°/6° |
| | ZSM500 | 5000 | 6700 | 2872 | 1570 | 10995 | 6°/6° |
| | ZSM540 | 5400 | 6500 | 3007 | 1705 | 11060 | 6°/6° |
| | ZSM600 | 6000 | 6100 | 3202 | 1900 | 11243 | 6°/6° |
| | ZSM650 | 6500 | 5500 | 3472 | 2170 | 11354 | 6°/6° |
| | ZSM700 | 7000 | 5000 | 3577 | 2275 | 11405 | 6°/6° |

Note:1) 8t:free lift without backrest. 2) With internal sideshift, the lifting weight is reduced by 200kg.

## 5T/6T/7T MAST PARAMETERS

| Mast type | Mast model | Max.lifting height (mm) | Load capacity (lode center 600mm)(kg) | | | Height (mast lowered)(mm) | Free lift height (with backrest) (mm) | | | Service weight (kg) | | | Mast tilt angle α/β (°) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CPCD50 | CPCD60 | CPCD70 | CPCD50/60/70 | CPCD50 | CPCD60 | CPCD70 | CPCD50 | CPCD60 | CPCD70 | CPCD50/60/70 |
| Wide View Standard Mast | M220 | 2200 | 5000 | 6000 | 7000 | 2080 | 155 | 160 | 165 | 8096 | 8666 | 9266 | 6°/12° |
| | M250 | 2500 | 5000 | 6000 | 7000 | 2230 | 155 | 160 | 165 | 8134 | 8704 | 9304 | 6°/12° |
| | M270 | 2700 | 5000 | 6000 | 7000 | 2330 | 155 | 160 | 165 | 8161 | 8731 | 9331 | 6°/12° |
| | M300 | 3000 | 5000 | 6000 | 7000 | 2480 | 155 | 160 | 165 | 8200 | 8770 | 9370 | 6°/12° |
| | M330 | 3300 | 5000 | 6000 | 7000 | 2630 | 155 | 160 | 165 | 8239 | 8809 | 9409 | 6°/12° |
| | M350 | 3500 | 5000 | 6000 | 7000 | 2730 | 155 | 160 | 165 | 8265 | 8835 | 9435 | 6°/12° |
| | M375 | 3750 | 5000 | 6000 | 7000 | 2855 | 155 | 160 | 165 | 8298 | 8868 | 9468 | 6°/12° |
| | M400 | 4000 | 5000 | 6000 | 7000 | 3030 | 155 | 160 | 165 | 8431 | 9001 | 9601 | 6°/12° |
| | M425 | 4250 | 5000 | 6000 | 7000 | 3155 | 155 | 160 | 165 | 8463 | 9033 | 9633 | 6°/12° |
| | M450 | 4500 | 5000 | 6000 | 7000 | 3280 | 155 | 160 | 165 | 8496 | 9066 | 9666 | 6°/12° |
| | M475 | 4750 | 5000 | 6000 | 7000 | 3405 | 155 | 160 | 165 | 8529 | 9099 | 9699 | 6°/6° |
| | M500 | 5000 | 5000 | 6000 | 7000 | 3530 | 155 | 160 | 165 | 8562 | 9132 | 9732 | 6°/6° |
| | M550 | 5500 | 4750 | 5700 | 6600 | 3830 | 155 | 160 | 165 | 8726 | 9296 | 9896 | 6°/6° |
| | M600 | 6000 | 4400 | 5400 | 6400 | 4080 | 155 | 160 | 165 | 8792 | 9362 | 9962 | 6°/6° |
| Full Free 2-Stage Mast | ZM250 | 2500 | 5000 | 6000 | 7000 | 2210 | 840 | | | 7998 | 8568 | 9168 | 6°/12° |
| | ZM270 | 2700 | 5000 | 6000 | 7000 | 2310 | 940 | | | 8016 | 8586 | 9186 | 6°/12° |
| | ZM300 | 3000 | 5000 | 6000 | 7000 | 2460 | 1090 | | | 8043 | 8613 | 9213 | 6°/12° |
| | ZM330 | 3300 | 5000 | 6000 | 7000 | 2610 | 1240 | | | 8070 | 8640 | 9240 | 6°/12° |
| | ZM350 | 3500 | 5000 | 6000 | 7000 | 2710 | 1340 | | | 8088 | 8658 | 9258 | 6°/12° |
| | ZM375 | 3750 | 5000 | 6000 | 7000 | 2835 | 1465 | | | 8110 | 8680 | 9280 | 6°/12° |
| | ZM400 | 4000 | 5000 | 6000 | 7000 | 3010 | 1640 | | | 8227 | 8797 | 9397 | 6°/12° |
| | ZM425 | 4250 | 5000 | 6000 | 7000 | 3135 | 1765 | | | 8249 | 8819 | 9419 | 6°/12° |
| | ZM450 | 4500 | 5000 | 6000 | 7000 | 3260 | 1890 | | | 8272 | 8842 | 9442 | 6°/12° |
| | ZM475 | 4750 | 5000 | 6000 | 7000 | 3385 | 2015 | | | 8294 | 8864 | 9464 | 6°/6° |
| | ZM500 | 5000 | 5000 | 6000 | 7000 | 3510 | 2140 | | | 8316 | 8886 | 9486 | 6°/6° |
| | ZM550 | 5500 | 4750 | 5700 | 6600 | 3810 | 2440 | | | 8456 | 9026 | 9626 | 6°/6° |
| | ZM600 | 6000 | 4400 | 5400 | 6400 | 4060 | 2690 | | | 8500 | 9070 | 9670 | 6°/6° |
| Full Free 3-Stage Mast | ZSM360 | 3600 | 4500 | 5600 | 6200 | 2335 | 910 | | | 8738 | 9308 | 9908 | 6°/6° |
| | ZSM400 | 4000 | 4500 | 5600 | 6200 | 2460 | 1040 | | | 8797 | 9367 | 9967 | 6°/6° |
| | ZSM435 | 4350 | 4500 | 5600 | 6200 | 2585 | 1156 | | | 8852 | 9422 | 10022 | 6°/6° |
| | ZSM480 | 4800 | 4500 | 5600 | 6200 | 2740 | 1310 | | | 8927 | 9497 | 10097 | 6°/6° |
| | ZSM500 | 5000 | 4500 | 5600 | 6200 | 2805 | 1380 | | | 8955 | 9525 | 10125 | 6°/6° |
| | ZSM540 | 5400 | 4300 | 5400 | 6200 | 2940 | 1510 | | | 9020 | 9590 | 10190 | 6°/6° |
| | ZSM600 | 6000 | 4000 | 5100 | 5600 | 3135 | 1710 | | | 9203 | 9773 | 10373 | 6°/6° |
| | ZSM650 | 6500 | 3600 | 4600 | 5000 | 3405 | 1975 | | | 9314 | 9884 | 10484 | 6°/6° |
| | ZSM700 | 7000 | 3200 | 4000 | 4200 | 3510 | 2085 | | | 9365 | 9935 | 10535 | 6°/6° |

Note:1) 5-6t:the free lift without backrest 260mm increase. 2) 7t:the free lift without backrest 180mm increase. 3) With internal sideshift, the lifting weight is reduced by 200kg. With external sideshifter, the lifting weight reduced by 300kg.

## 9T/10T MAST PARAMETERS

| Mast type | Mast model | Max.lifting height (mm) | Load capacity (lode center 600mm)(kg) | | Height (mast lowered)(mm) | | Free lift height (with backrest) (mm) | | Service weight (kg) | | Mast tilt angle α/β (°) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CPCD90 | CPCD100 | CPCD90 | CPCD100 | CPCD90 | CPCD100 | CPCD90 | CPCD100 | CPCD90/100 |
| Wide View Standard Mast | M250 | 2500 | 9000 | 10000 | 2450 | 2600 | 190 | 200 | 10971 | 12379 | 6°/12° |
| | M270 | 2700 | 9000 | 10000 | 2550 | 2700 | 190 | 200 | 11025 | 12419 | 6°/12° |
| | M300 | 3000 | 9000 | 10000 | 2700 | 2850 | 190 | 200 | 11650 | 12500 | 6°/12° |
| | M330 | 3300 | 9000 | 10000 | 2800 | 3000 | 190 | 200 | 11751 | 12548 | 6°/12° |
| | M350 | 3500 | 9000 | 10000 | 2950 | 3100 | 190 | 200 | 11896 | 12593 | 6°/12° |
| | M375 | 3750 | 9000 | 10000 | 3075 | 3225 | 190 | 200 | 11976 | 12643 | 6°/12° |
| | M400 | 4000 | 9000 | 10000 | 3250 | 3400 | 190 | 200 | 12151 | 12783 | 6°/12° |
| | M425 | 4250 | 9000 | 10000 | 3375 | 3525 | 190 | 200 | 12306 | 12838 | 6°/12° |
| | M450 | 4500 | 9000 | 10000 | 3500 | 3650 | 190 | 200 | 12426 | 12888 | 6°/12° |
| | M475 | 4750 | 8800 | 9500 | 3625 | 3775 | 190 | 200 | 12551 | 12945 | 6°/6° |
| | M500 | 5000 | 8500 | 9000 | 3750 | 3900 | 190 | 200 | 12686 | 13000 | 6°/6° |
| | M550 | 5500 | 8000 | 8500 | 4050 | 4200 | 190 | 200 | 13008 | 13301 | 6°/6° |
| | M600 | 6000 | 7500 | 7800 | 4300 | 4450 | 190 | 200 | 13211 | 13351 | 6°/6° |
| Full Free 2-Stage Mast | ZM250 | 2500 | 9000 | 10000 | 2450 | 2600 | 1250 | 1215 | 11697 | 12379 | 6°/12° |
| | ZM270 | 2700 | 9000 | 10000 | 2550 | 2700 | 1350 | 1315 | 11723 | 12419 | 6°/12° |
| | ZM300 | 3000 | 9000 | 10000 | 2700 | 2850 | 1500 | 1465 | 11765 | 12500 | 6°/12° |
| | ZM330 | 3300 | 9000 | 10000 | 2800 | 2975 | 1650 | 1615 | 11806 | 12548 | 6°/12° |
| | ZM350 | 3500 | 9000 | 10000 | 2950 | 3100 | 1750 | 1715 | 11861 | 12593 | 6°/12° |
| | ZM375 | 3750 | 9000 | 10000 | 3075 | 3225 | 1875 | 1840 | 11869 | 12643 | 6°/12° |
| | ZM400 | 4000 | 9000 | 10000 | 3250 | 3400 | 2050 | 2015 | 12006 | 12783 | 6°/12° |
| | ZM425 | 4250 | 9000 | 10000 | 3375 | 3525 | 2175 | 2140 | 12040 | 12838 | 6°/12° |
| | ZM450 | 4500 | 9000 | 10000 | 3500 | 3650 | 2300 | 2265 | 12075 | 12888 | 6°/12° |
| | ZM475 | 4750 | 8800 | 10000 | 3625 | 3775 | 2425 | 2390 | 12110 | 12945 | 6°/6° |
| | ZM500 | 5000 | 8500 | 10000 | 3750 | 3900 | 2550 | 2515 | 12215 | 13000 | 6°/6° |
| | ZM550 | 5500 | 8000 | 9000 | 4050 | 4200 | 2850 | 2815 | 12317 | 13301 | 6°/6° |
| | ZM600 | 6000 | 7500 | 8000 | 4300 | 4450 | 3100 | 3065 | 12386 | 13351 | 6°/6° |
| Full Free 3-Stage Mast | ZSM360 | 3600 | 7500 | 8500 | 2450 | 2570 | 1200 | 1150 | 12291 | 13236 | 6°/12° |
| | ZSM400 | 4000 | 7500 | 8500 | 2575 | 2700 | 1330 | 1280 | 12362 | 13328 | 6°/12° |
| | ZSM435 | 4350 | 7500 | 8500 | 2700 | 2820 | 1450 | 1400 | 12436 | 13408 | 6°/12° |
| | ZSM450 | 4500 | 7500 | 8200 | 2750 | 2870 | 1500 | 1450 | 12463 | 13448 | 6°/6° |
| | ZSM480 | 4800 | 7500 | 8000 | 2850 | 2970 | 1600 | 1550 | 12524 | 13516 | 6°/6° |
| | ZSM500 | 5000 | 7500 | 7700 | 2950 | 3035 | 1700 | 1615 | 12580 | 13562 | 6°/6° |
| | ZSM540 | 5400 | 6800 | 7000 | 3075 | 3225 | 1830 | 1805 | 12654 | 13696 | 6°/6° |
| | ZSM600 | 6000 | 6100 | 6300 | 3375 | 3425 | 2130 | 2005 | 12825 | 13836 | 6°/6° |
| | ZSM650 | 6500 | 5400 | 5600 | 3600 | 3590 | 2350 | 2170 | 12955 | 13954 | 6°/6° |
| | ZSM700 | 7000 | 4600 | 4800 | 3750 | 3855 | 2500 | 2435 | 13043 | 14132 | 6°/6° |

Note:1)9-10t:free lift without backrest. 2)With internal sideshift, the lifting weight is reduced by 200kg.

## CONFIGURATION

| | Configuration | General forklift (Isuzu) |
|---|---|---|
| Packaging method | HELI Packing | ● |
| | Neutral Packing | ○ |
| Economic and energy saving | Load sense steering and double pump confluence | ● |
| | LED lamps for whole truck | ● |
| Intelligent security | Hydraulic power braking | ● |
| | Tilting cylinder with self-locking valve | ● |
| | Reversing buzzer | ● |
| | Reverse radar and camera | ○ |
| | OPS (only for driving) | ○ |
| | OPS (Driving and lifting) | ○ |
| | Electric power switch | ○ |
| | Engine oil pressure alarm | ● |
| | Oil water separator indicator | ● |
| | Charging indicator | ● |
| | Water temperature gauge | ● |
| | Neutral start switch | ● |
| | Fire extinguisher | ○ |
| | Spark arrester | ○ |
| | Fuel cap with lock | ● |
| | Engine hood locking device | ○ |
| Reliability | Drum brake drive axle | ● |
| | Wet-type brake drive axle (Mandatory cooling) | ○ |
| | Hydraulic oil radiator | ○ |
| | 9 inches double filter element air filter (with pressure alarm) | ● |
| | Dry-type double air filter | ○ |
| | Self discharging ash filter | ○ |
| Comfortable and convenient | Mechanical reversing | ● |
| | intelligent gear shift | ○ |
| | Steering wheel with knob (HELI packing) | ● |
| | Steering wheel without knob (HELI packing) | ○ |
| | Steering wheel with knob (Neutral packing) | ○ |
| | Full hydraulic power steering | ● |
| | Mast rear cylinder with lower buffering and front cylinder with lifting buffering | ● |
| | Speed limiting valve for lifting oil circuit | ● |
| | Man-machine interactive liquid crystal instrument | ● |
| | Fan | ○ |
| | USB interface | ○ |
| | Rear view mirrors at both sides | ○ |
| | Get on/off handle | ● |
| | Half enclosed seat | ● |
| | Semi suspension seat | ○ |
| | Full suspension seat | ○ |
| Top frame options | Standard overhead guard | ● |
| | Low height overhead guard (150mm lower) | ○ |

Note: "●" Standard ; "○" Optional

| | Configuration | General forklift (Isuzu) |
|---|---|---|
| Cab/ wind shield | Front windshield (with wiper) | ○ |
| | Front heat-resistant windshield (with wiper) | ○ |
| | Rear windshield (without wiper) | ○ |
| | Glass ceiling | ○ |
| | PC Endurance Board Ceiling | ○ |
| | Panel mounted cab | ○ |
| | Single cooling air conditioner | ○ |
| | Cold and warm air conditioner | ○ |
| | Air heater 改为：heater" | ○ |
| Lifting system | Basic wide view mast with 3m | ● |
| | The other lifting heights of basic wide view mast | ○ |
| | Two stages full free wide view mast | ○ |
| | Three stages full free wide view mast | ○ |
| | Hook type of fork carriage (5/6/7t) | ● |
| | Fork carriage with screw rod (8t) | ● |
| | Hydraulic fork positioner(9/10t) | ● |
| | Widened fork carriage | ○ |
| | Backrest (5-7t) | ● |
| | Non standard fork and attachment | ○ |
| Lights | LED headlights | ● |
| | LED rear working lights | ○ |
| | Rear side of blue light | ○ |
| | Three sides of blue strip light | ○ |
| | Three sides of red strip light | ○ |
| | LED flashing warning light (assembly type) | ○ |
| | LED rotary warning light (assembly type) | ○ |
| | LED rotary buzzer light (assembly type) | ○ |
| Tyre | Pneumatic tyre | ● |
| | Solid tyre | ○ |
| | Traceless solid tire | ○ |
| Others | Metric thread | ● |
| | Middle exhaust | ● |
| | High exhaust | ○ |
| | counterweight with protective net | ○ |
| | Counterweight and mast sling | ○ |
| | Steering cylinder sleeve | ● |
| | Tilting cylinder sleeve | ○ |
| | Universal keys (2 pieces) | ● |
| | Traction device | ● |
| | Driver ‘s tool kits | ● |
| | Customized color | ○ |

Note: "●" Standard ; "○" Optional