

1.0t/1.5t/1.75t A series mast:(pneumatic)

| Type | Model | Max. fork height | Overall height | | | | Free lift | | Front Overhang | | Tilt range | | Capacity load capacity at 500mm | | | | | | |
|--|------------|------------------|----------------|------------------|---------------|------------------|---------------|------------------|----------------|--------|------------|------|---------------------------------|-------------|------|-------|-----------|------|-------|
| | | | Lowered | Extended | | Without backrest | With backrest | Without backrest | With backrest | 1/1.5t | 1.75t | FWD | BWD | Single tire | | | Dual tire | | |
| | | | | Without backrest | With backrest | | | | | | | | | 1t | 1.5t | 1.75t | 1t | 1.5t | 1.75t |
| Wide view Duplex mast | A15/18M200 | 2000 | 1495 | 2565 | 2955 | 155 | 155 | 405 | 410 | 6 | 6 | 1000 | 1500 | 1750 | 1000 | 1500 | 1750 | | |
| | A15/18M250 | 2500 | 1745 | 3065 | 3455 | 155 | 155 | 405 | 410 | 6 | 12 | 1000 | 1500 | 1750 | 1000 | 1500 | 1750 | | |
| | A15/18M270 | 2700 | 1845 | 3265 | 3655 | 155 | 155 | 405 | 410 | 6 | 12 | 1000 | 1500 | 1750 | 1000 | 1500 | 1750 | | |
| | A15/18M300 | 3000 | 1995 | 3565 | 3955 | 155 | 155 | 405 | 410 | 6 | 12 | 1000 | 1500 | 1750 | 1000 | 1500 | 1750 | | |
| | A15/18M330 | 3300 | 2145 | 3865 | 4255 | 155 | 155 | 405 | 410 | 6 | 12 | 1000 | 1500 | 1750 | 1000 | 1500 | 1750 | | |
| | A15/18M350 | 3500 | 2245 | 4065 | 4455 | 155 | 155 | 405 | 410 | 6 | 12 | 1000 | 1500 | 1750 | 1000 | 1500 | 1750 | | |
| | A15/18M360 | 3600 | 2345 | 4165 | 4555 | 155 | 155 | 405 | 410 | 6 | 12 | 1000 | 1500 | 1750 | 1000 | 1500 | 1750 | | |
| | A15/18M400 | 4000 | 2595 | 4565 | 4955 | 155 | 155 | 405 | 410 | 6 | 12 | 950 | 1400 | 1650 | 1000 | 1500 | 1750 | | |
| | A15/18M430 | 4300 | 2745 | 4865 | 5255 | 155 | 155 | 405 | 410 | 6 | 6 | 900 | 1300 | 1550 | 950 | 1400 | 1650 | | |
| | A15/18M450 | 4500 | 2845 | 5065 | 5455 | 155 | 155 | 405 | 410 | 6 | 6 | 850 | 1250 | 1450 | 900 | 1350 | 1550 | | |
| | A15/18M480 | 4800 | 2995 | 5365 | 5755 | 155 | 155 | 405 | 410 | 6 | 6 | 750 | 1100 | 1250 | 800 | 1200 | 1350 | | |
| | A15/18M500 | 5000 | 3095 | 5565 | 5955 | 155 | 155 | 405 | 410 | 6 | 6 | 700 | 1050 | 1150 | 750 | 1150 | 1250 | | |
| Wide view full free duplex mast | A15/18U250 | 2500 | 1760 | 3193 | 3455 | 1144 | 815 | 428 | 433 | 6 | 12 | 1000 | 1500 | 1750 | 1000 | 1500 | 1750 | | |
| | A15/18U270 | 2700 | 1860 | 3343 | 3655 | 1244 | 915 | 428 | 433 | 6 | 12 | 1000 | 1500 | 1750 | 1000 | 1500 | 1750 | | |
| | A15/18U300 | 3000 | 2010 | 3595 | 3955 | 1394 | 1065 | 428 | 433 | 6 | 12 | 1000 | 1500 | 1750 | 1000 | 1500 | 1750 | | |
| | A15/18U330 | 3300 | 2160 | 3895 | 4255 | 1544 | 1215 | 428 | 433 | 6 | 12 | 1000 | 1500 | 1750 | 1000 | 1500 | 1750 | | |
| | A15/18U360 | 3600 | 2310 | 4245 | 4605 | 1694 | 1365 | 428 | 433 | 6 | 12 | 1000 | 1500 | 1750 | 1000 | 1500 | 1750 | | |
| | A15/18U400 | 4000 | 2560 | 4595 | 4955 | 1944 | 1615 | 428 | 433 | 6 | 12 | 950 | 1400 | 1650 | 1000 | 1500 | 1750 | | |
| | A15/18N400 | 4000 | 2010 | 4350 | 4535 | 1975 | 1615 | 428 | 433 | 6 | 6 | 900 | 1300 | 1550 | 950 | 1400 | 1650 | | |
| | A15/18N430 | 4300 | 2110 | 4870 | 5055 | 1350 | 1165 | 445 | 450 | 6 | 6 | 850 | 1250 | 1450 | 900 | 1350 | 1550 | | |
| | A15/18N450 | 4500 | 2120 | 5130 | 5465 | 1510 | 1175 | 445 | 450 | 6 | 6 | 800 | 1200 | 1350 | 850 | 1300 | 1450 | | |
| | A15/18N480 | 4800 | 2235 | 5445 | 5755 | 1600 | 1290 | 445 | 450 | 6 | 6 | 750 | 1100 | 1250 | 800 | 1200 | 1350 | | |
| | A15/18N500 | 5000 | 2285 | 5595 | 5955 | 1700 | 1340 | 445 | 450 | 6 | 6 | 700 | 1050 | 1150 | 750 | 1150 | 1250 | | |
| | A15/18N550 | 5500 | 2460 | 6120 | 6455 | 1850 | 1515 | 445 | 450 | 3 | 6 | 500 | 850 | 950 | 600 | 950 | 1050 | | |
| Wide view full free triplex mast | A15/18N600 | 6000 | 2685 | 6685 | 6955 | 2000 | 1740 | 445 | 450 | 3 | 6 | 350 | 650 | 750 | 450 | 750 | 850 | | |
| | A15/18N650 | 6500 | 2850 | 7180 | 7455 | 2200 | 1905 | 445 | 450 | 3 | 6 | / | / | / | / | 550 | 650 | | |
| | A15/18N700 | 7000 | 3085 | 7795 | 7955 | 2300 | 2140 | 445 | 450 | 3 | 6 | / | / | / | / | 350 | 450 | | |

With sideshifter minus 150kg, with integrated sideshifter minus 100kg.

2.0t/2.5t A series mast:(pneumatic)

| Type | Model | Max. fork height | Overall height | | | | Free lift | | Front Overhang | | Tilt range | | Capacity load capacity at 500mm | | | |
|--|---------------------------------------|------------------|----------------|------------------|---------------|------------------|---------------|------------------|----------------|-----|------------|-------------|---------------------------------|-----------|------|--|
| | | | Lowered | Extended | | Without backrest | With backrest | Without backrest | With backrest | FWD | BWD | Single tire | | Dual tire | | |
| | | | | Without backrest | With backrest | | | | | | | 2.0t | 2.5t | 2.0t | 2.5t | |
| Wide view Duplex mast | A25M250 | 2500 | 1745 | 3135 | 3545 | 140 | 140 | 470 | 6 | 12 | 2000 | 2500 | 2000 | 2500 | | |
| | A25M270 | 2700 | 1845 | 3335 | 3745 | 140 | 140 | 470 | 6 | 12 | 2000 | 2500 | 2000 | 2500 | | |
| | A25M300 | 3000 | 1995 | 3635 | 4045 | 140 | 140 | 470 | 6 | 12 | 2000 | 2500 | 2000 | 2500 | | |
| | A25M330 | 3300 | 2145 | 3935 | 4345 | 140 | 140 | 470 | 6 | 12 | 2000 | 2500 | 2000 | 2500 | | |
| | A25M350 | 3500 | 2245 | 4135 | 4545 | 140 | 140 | 470 | 6 | 12 | 2000 | 2500 | 2000 | 2500 | | |
| | A25M360 | 3600 | 2345 | 4235 | 4645 | 140 | 140 | 470 | 6 | 12 | 2000 | 2500 | 2000 | 2500 | | |
| | A25M400 | 4000 | 2595 | 4635 | 5045 | 140 | 140 | 470 | 6 | 12 | 1900 | 2300 | 2000 | 2500 | | |
| | A25M430 | 4300 | 2745 | 4935 | 5345 | 140 | 140 | 470 | 6 | 6 | 1800 | 2100 | 1950 | 2450 | | |
| | A25M450 | 4500 | 2845 | 5135 | 5545 | 140 | 140 | 470 | 6 | 6 | 1700 | 2000 | 1900 | 2400 | | |
| | A25M480 | 4800 | 2995 | 5435 | 5845 | 140 | 140 | 470 | 6 | 6 | 1500 | 1700 | 1700 | 2100 | | |
| | A25M500 | 5000 | 3095 | 5635 | 6045 | 140 | 140 | 470 | 6 | 6 | 1400 | 1600 | 1600 | 2000 | | |
| | Wide view full free duplex mast | A25U250 | 2500 | 1805 | 3170 | 3545 | 1130 | 755 | 460 | 6 | 12 | 2000 | 2500 | 2000 | 2500 | |
| A25U270 | | 2700 | 1905 | 3370 | 3745 | 1230 | 855 | 460 | 6 | 12 | 2000 | 2500 | 2000 | 2500 | | |
| A25U300 | | 3000 | 2005 | 3670 | 4045 | 1330 | 955 | 460 | 6 | 12 | 2000 | 2500 | 2000 | 2500 | | |
| A25U330 | | 3300 | 2155 | 3970 | 4345 | 1480 | 1105 | 460 | 6 | 12 | 2000 | 2500 | 2000 | 2500 | | |
| A25U360 | | 3600 | 2255 | 4170 | 4545 | 1580 | 1205 | 460 | 6 | 12 | 2000 | 2500 | 2000 | 2500 | | |
| A25U400 | | 4000 | 2555 | 4670 | 5045 | 1880 | 1505 | 460 | 6 | 12 | 1900 | 2300 | 2000 | 2500 | | |
| A25N400 | | 4000 | 1950 | 4705 | 5055 | 1250 | 900 | 475 | 6 | 6 | 1800 | 2100 | 1950 | 2500 | | |
| A25N430 | | 4300 | 2050 | 5005 | 5355 | 1350 | 1000 | 475 | 6 | 6 | 1700 | 2000 | 1900 | 2400 | | |
| A25N450 | | 4500 | 2120 | 5255 | 5605 | 1420 | 1070 | 475 | 6 | 6 | 1600 | 1900 | 1800 | 2300 | | |
| A25N480 | | 4800 | 2220 | 5505 | 5855 | 1520 | 1170 | 475 | 6 | 6 | 1500 | 1700 | 1700 | 2100 | | |
| A25N500 | | 5000 | 2285 | 5765 | 6105 | 1585 | 1235 | 475 | 6 | 6 | 1400 | 1600 | 1600 | 2000 | | |
| Wide view full free triplex mast | | A25N550 | 5500 | 2450 | 6205 | 6555 | 1750 | 1400 | 475 | 3 | 6 | 1050 | 1200 | 1500 | 1800 | |
| | A25N600 | 6000 | 2670 | 6715 | 7065 | 1970 | 1620 | 475 | 3 | 6 | 700 | 800 | 1400 | 1600 | | |
| | A25N650 | 6500 | 2845 | 7205 | 7555 | 2145 | 1795 | 475 | 3 | 6 | / | / | 1300 | 1450 | | |
| | A25N700 | 7000 | 3050 | 7715 | 8055 | 2340 | 2000 | 475 | 3 | 6 | / | / | 1200 | 1300 | | |

With sideshifter minus 150kg, with integrated sideshifter minus 100kg.

3.0t/3.5t/3.8t A series mast:(pneumatic)

| Type | Model | Max. fork height | Overall height | | | | | | Free lift | | | Front Overhang | | Tilt range | | Capacity load capacity at 500mm | | | | | | |
|--------------------------|---------------------------------------|------------------|----------------|----------|----------|------------------|---------------|------------------|---------------|------|-----|----------------|----------|------------|----------|---------------------------------|------|------|------|------|------|------|
| | | | Lowered | Extended | | Without backrest | With backrest | Without backrest | With backrest | FWD | BWD | Single tire | | Dual tire | | | | | | | | |
| | | | | 3t | 3.5/3.8t | | | | | | | 3t | 3.5/3.8t | 3t | 3.5/3.8t | 3t | 3.5t | 3.8t | 3t | 3.5t | 3.8t | |
| Wide view Duplex mast | A30/35M250 | 2500 | 1799 | 1914 | 3205 | 3295 | 3640 | 3640 | 145 | 150 | 145 | 150 | 480 | 490 | 6 | 12 | 3000 | 3500 | 3800 | 3000 | 3500 | 3800 |
| | A30/35M270 | 2700 | 1899 | 2014 | 3405 | 3495 | 3840 | 3840 | 145 | 150 | 145 | 150 | 480 | 490 | 6 | 12 | 3000 | 3500 | 3800 | 3000 | 3500 | 3800 |
| | A30/35M300 | 3000 | 2049 | 2164 | 3705 | 3795 | 4140 | 4140 | 145 | 150 | 145 | 150 | 480 | 490 | 6 | 12 | 3000 | 3500 | 3800 | 3000 | 3500 | 3800 |
| | A30/35M330 | 3300 | 2199 | 2314 | 4005 | 4095 | 4440 | 4440 | 145 | 150 | 145 | 150 | 480 | 490 | 6 | 12 | 3000 | 3500 | 3800 | 3000 | 3500 | 3800 |
| | A30/35M350 | 3500 | 2299 | 2414 | 4205 | 4295 | 4640 | 4640 | 145 | 150 | 145 | 150 | 480 | 490 | 6 | 12 | 3000 | 3500 | 3700 | 3000 | 3500 | 3700 |
| | A30/35M360 | 3600 | 2399 | 2464 | 4305 | 4395 | 4740 | 4740 | 145 | 150 | 145 | 150 | 480 | 490 | 6 | 12 | 3000 | 3500 | 3700 | 3000 | 3500 | 3700 |
| | A30/35M400 | 4000 | 2649 | 2714 | 4705 | 4795 | 5140 | 5140 | 145 | 150 | 145 | 150 | 480 | 490 | 6 | 12 | 2850 | 3250 | 3550 | 3000 | 3500 | 3700 |
| | A30/35M430 | 4300 | 2799 | 2864 | 5005 | 5095 | 5440 | 5440 | 145 | 150 | 145 | 150 | 480 | 490 | 6 | 6 | 2700 | 3000 | 3200 | 2800 | 3400 | 3600 |
| | A30/35M450 | 4500 | 2899 | 2964 | 5205 | 5295 | 5640 | 5640 | 145 | 150 | 145 | 150 | 480 | 490 | 6 | 6 | 2550 | 2850 | 3100 | 2850 | 3350 | 3550 |
| | A30/35M480 | 4800 | 3049 | 3114 | 5505 | 5595 | 5940 | 5940 | 145 | 150 | 145 | 150 | 480 | 490 | 6 | 6 | 2250 | 2450 | 2800 | 2550 | 2950 | 3150 |
| | A30/35M500 | 5000 | 3149 | 3214 | 5705 | 5795 | 6140 | 6140 | 145 | 150 | 145 | 150 | 480 | 490 | 6 | 6 | 2100 | 2300 | 2600 | 2400 | 2800 | 3100 |
| | Wide view full free duplex mast | A30/35U250 | 2500 | 1869 | 1979 | 3256 | 3656 | 3640 | 3650 | 1113 | | | | | | | | | | | | |



Appearance

/ Based on around 10 years Nissan technology applied on HC trucks, and HANGCHA own R and H series, the new A series is fully own researched truck. The improved new outline, safety, comfortability, and reliability, all these provide better performance to the trucks.

Outline

/ Applied the advanced outline designing method, the truck is designed with stream, sporty outline, and thanks to the new design, all the exposed parts are metal made. which is firm and reliable.

Safety

- / Thanks to the long wheelbase design, the longitudinal stability of whole truck is improved, the residual load capacity at same height is improved greatly. At the same time, it prolongs the working life time of steering tyre by reducing the rear axle load.
- / Improved strength of OHG is to make sure the protection to operator.
- / Lock of engine cover is standard specification, which ensures the operator's safety.

Comfortable

- / The same ergonomic technology as R series has been adopted. The smaller steering wheel, extra space for foot and operator space, wider forward visibility, all these improve operator's comfort and release operator's fatigue.
- / Easy access to engine and transmission due to applied bolt type fastened front plate, greatly improving the convenience of daily maintenance and repair.
- / The applied integral engine cover strengthens the rigidity of the cover and reduces the noise at the same time.

Reliability

- / The air intake system adopts high-positioned independent channel which located on the rear OHG to prevent dust intake.
- / Enlarged cross section of rear OHG improves the air intake capacity, and reduces air intake resistance, which makes internal combustion more complete and prolongs engine life.
- / The aluminum ribbon-tubular radiator with large capacity and the optimized cooling system further enhance the heat dissipation capability of the whole truck to ensure the reliability of the engine.





Options

- / Protection for tilt cylinder
- / Front dual wheel
- / Cabin
- / High-mounted exhaust system
- / Customized color
- / Cabin heater
- / Rear working light
- / Dual air filter
- / Net cover of radiator
- / Solid tyre
- / Middle-positioned exhausted system
- / Exhaust fireproof device
- / Suspension seat
- / Purified exhaust system
- / Warning lamp
- / Extinguisher
- / Copper water tank
- / Rear armrest with horn button
- / Counter weight net
- / High and low overhead guard
- / Fuel tank cap lock
- / Weighing system
- / Front/rear lights protective frame
- / Neutral starting protection (mechanical transmission)
- / Battery main switch
- / Fan protector
- / Speed limit alarm
- / Wide view full free 2-stage mast
- / Wide view full free 3-stage mast
- / Wider fork carriage
- / Special fork
- / High-speed transmission
- / LED rearlights
- / Toolbox



Standard Specification

- / Anti-slip access step
- / Air filter
- / Hydraulic oil dipstick
- / Traction device
- / Lifting speed limit valve
- / Full hydraulic power steering
- / Wide view standard mast
- / Standard forks
- / Lift and tilt operating lever
- / Adjustable of steering wheel
- / Large rubber pedal pad
- / Hand grip
- / Waterproof cover on the OHG
- / Rear view mirror
- / Fuel Gauge
- / Pre-heating indicator
- / Engine fuel pressure warning
- / Neutral safety switch (hydraulic transmission)
- / Standard overhead guard
- / Transmission oil dipstick (hydraulic transmission)
- / High-performance tires
- / Standard backrest
- / High-positioned air intake
- / Hydraulic oil filter
- / Self-lock valve of mast tilting
- / Cable parking brake
- / Front combined lamp
- / Electrical horn
- / Headlight
- / Buzzer
- / Hour meter
- / Load safety valve
- / Engine hood spring
- / Rear combined lamp
- / Charging indicator
- / Oilcooler (hydraulic transmission)
- / Water temperature gauge
- / Transmission oil temperature warning
- / Standard seat
- / Two-disc multiple valve

A series 1.0-2.0t forklift specification

| | | HANGCHA GROUP CO.,LTD. | | | | | | | | | |
|---------------------|----------------|--|------------------------|---------------|--------------|--------------|------------------|---------------|---------------|---------------|------------|
| Distinguishing mark | 1.1 | Manufacturer | | | | | | | | | |
| | 1.2 | Manufacturer's type designation | CPCD10-AG65J | CPCD15-AW10 | CPCD18-AW10 | CPCD20-AG2 | CPCD20-AG51 | CPCD20-AG65J | CPCD20-AW27 | CPCD20-AW10 | |
| | 1.3 | Drive: electric (battery or mains), diesel, petrol, fuel gas | Diesel | Diesel | Diesel | Diesel | Diesel | Diesel | Diesel | Diesel | |
| | 1.5 | Rated capacity/rated load | Q (kg) | 1000 | 1500 | 1750 | 2000 | 2000 | 2000 | 2000 | |
| | 1.6 | Load centre distance | c (mm) | 500 | 500 | 500 | 500 | 500 | 500 | 500 | |
| | 1.8 | Load distance, centre of drive axle to fork | x (mm) | 405 | 405 | 410 | 470 | 470 | 470 | 470 | |
| | 1.9 | Wheelbase | y (mm) | 1475 | 1475 | 1475 | 1665 | 1665 | 1665 | 1665 | |
| Weight | 2.1 | Service Weight | kg | 2300 | 2550 | 2750 | 3440 | 3440 | 3440 | 3440 | |
| | 2.2 | Axle loading, laden front/rear | kg | 2940/360 | 3590/510 | 4075/505 | 4815/625 | 4815/625 | 4815/625 | 4815/625 | |
| | 2.3 | Axle loading, unladen front/rear | kg | 1290/1010 | 1170/1430 | 1190/1640 | 1640/1800 | 1640/1800 | 1640/1800 | 1640/1800 | |
| Tyres, chassis | 3.2 | Tyre size, front | | 6.50-10-10PR | 6.50-10-10PR | 6.50-10-10PR | 7.00-12-12PR | 7.00-12-12PR | 7.00-12-12PR | 7.00-12-12PR | |
| | 3.3 | Tyre size, rear | | 5.00-8-10PR | 5.00-8-10PR | 5.00-8-10PR | 6.00-9-10PR | 6.00-9-10PR | 6.00-9-10PR | 6.00-9-10PR | |
| | 3.6 | Tread, front | b ₁₀ (mm) | 890 | 890 | 890 | 965 | 965 | 965 | 965 | |
| | 3.7 | Tread, rear | b ₁₁ (mm) | 900 | 900 | 900 | 971.5 | 971.5 | 971.5 | 971.5 | |
| Dimensions | 4.1 | Tilt of mast/fork carriage forward/backward | α/β(°) | 6/12 | 6/12 | 6/12 | 6/12 | 6/12 | 6/12 | 6/12 | |
| | 4.2 | Height, mast lowered | h ₁ (mm) | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | |
| | 4.3 | Free lift | h ₂ (mm) | 155 | 155 | 155 | 140 | 140 | 140 | 140 | |
| | 4.4 | Lift | h ₃ (mm) | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | |
| | 4.5 | Height, mast extended | h ₄ (mm) | 3965 | 3965 | 3965 | 4045 | 4045 | 4045 | 4045 | |
| | 4.7 | Height of overhead guard | h ₆ (mm) | 2110 | 2110 | 2110 | 2120 | 2120 | 2120 | 2120 | |
| | 4.20 | Length to face of forks | l ₂ (mm) | 2245 | 2290 | 2325 | 2550 | 2550 | 2550 | 2550 | |
| | 4.21 | Overall width | b ₁ (mm) | 1080 | 1080 | 1080 | 1155 | 1155 | 1155 | 1155 | |
| | 4.22 | Fork dimensions ISO 2331 | s/e/l (mm) | 920×100×35 | 920×100×35 | 920×100×35 | 1070×122×40 | 1070×122×40 | 1070×122×40 | 1070×122×40 | |
| | 4.25 | Distance between fork-arms | b ₅ (mm) | 200-1000 | 200-1000 | 200-1000 | 244-1038 | 244-1038 | 244-1038 | 244-1038 | |
| | 4.31 | Ground clearance, laden, below mast | m ₁ (mm) | 115 | 115 | 115 | 105 | 105 | 105 | 105 | |
| | 4.32 | Ground clearance, centre of wheelbase | m ₂ (mm) | 145 | 145 | 145 | 150 | 150 | 150 | 150 | |
| 4.35 | Turning radius | W _a (mm) | 1950 | 1995 | 2025 | 2170 | 2170 | 2170 | 2170 | | |
| | Aisle width | A _{st} (mm) | 2355 | 2400 | 2435 | 2640 | 2640 | 2640 | 2640 | | |
| Performance Data | 5.1 | Travel speed, laden/unladen | km/h | 13.5/14.5 | 13.5/14.5 | 13.5/14.5 | 18/19 | 18/19 | 18/19 | 17/18 | |
| | 5.2 | Lift speed, laden/unladen | m/s | 0.500/0.520 | 0.460/0.480 | 0.460/0.480 | 0.580/0.600 | 0.580/0.600 | 0.580/0.600 | 0.480/0.500 | |
| | 5.3 | Lowering speed, laden/unladen | m/s | 0.450/0.500 | 0.450/0.500 | 0.450/0.500 | 0.500/0.500 | 0.500/0.500 | 0.500/0.500 | 0.500/0.500 | |
| | 5.5 | Drawbar pull, laden/unladen | N | 19500/9000 | 20500/9000 | 20500/9000 | 21300/10500 | 21300/10500 | 21300/10500 | 19320/10500 | |
| | 5.7 | Gradeability, laden/unladen | % | 20/20 | 20/20 | 20/20 | 20/20 | 20/20 | 20/20 | 20/20 | |
| Combustion-engine | 7.1 | Engine manufacturer/type | | 4D27G31-078 | C240NKFC | C240NKFC | C490BPG-204/204A | 4D27G31 | 4D27G31-078 | A498BT1-1 | C240NKFC |
| | 7.2 | Engine power according to DIN ISO 1585 | kw | 36.8 | 35.4 | 35.4 | 40/36.7 | 36.8 | 36.8 | 36.8 | 35.4 |
| | 7.3 | Rated speed | min | 2500 | 2500 | 2500 | 2650 | 2500 | 2500 | 2400 | 2500 |
| | | Rated torque | N·m/r/min | 156/1700-1900 | 139.9/1800 | 139.9/1800 | 160/1800-2000 | 156/1800-2000 | 156/1700-1900 | 186/1600-1800 | 139.9/1800 |
| | 7.4 | Number of cylinders/displacement | (-)/(cm ³) | -/2670 | -/2369 | -/2369 | -/2670 | -/2670 | -/2670 | -/3168 | -/2369 |
| | 7.10 | Battery voltage/nominal capacity | V/Ah | 12/90 | 12/60 | 12/60 | 12/90 | 12/90 | 12/90 | 12/90 | 12/90 |
| | | Transmissions Manufacturer | | China | China | China | China | China | China | China | China |
| | | Transmissions Type | | Powershift | Powershift | Powershift | Powershift | Powershift | Powershift | Powershift | Powershift |
| | Stage | FWD/RVS | 1/1 | 1/1 | 1/1 | 1/1 | 1/1 | 1/1 | 1/1 | 1/1 | |
| Addition data | 10.1 | Operating pressure for attachments | bar | 175 | 175 | 175 | 175 | 175 | 175 | 175 | |
| | 10.4 | Fuel tank capacity | liter | 50 | 50 | 50 | 60 | 60 | 60 | 60 | |

Note:*With suspension seat or cabin.

1.Special lifting height available (2-stage mast: 2.5m, 2.7m, 3.0m, 3.3m, 3.6m, 4m, 4.5m. 3-stage mast:4.3m, 4.5m, 4.8m, 5m, 5.5m, 6m)

2. Attachment available.

A series 2.5-3.0t forklift specification

| Distinguishing mark | 1.1 | HANGCHA GROUP CO.,LTD. | | | | | | | | | |
|---------------------|---------------|--|------------------------------------|------------------|---------------|---------------|---------------|--------------|------------------|---------------|---------------|
| | 1.2 | CPCD25-AG2 | CPCD25-AG51 | CPCD25-AG65J | CPCD25-AW27 | CPCD25-AW10 | CPCD30-AG2 | CPCD30-AG51 | CPCD30-AG65J | CPCD30-AW27 | CPCD30-AW10 |
| | 1.3 | Drive: electric (battery or mains), diesel, petrol, fuel gas | Diesel | Diesel | Diesel | Diesel | Diesel | Diesel | Diesel | Diesel | Diesel |
| | 1.5 | Rated capacity/rated load | Q (kg) | 2500 | 2500 | 2500 | 2500 | 2500 | 3000 | 3000 | 3000 |
| | 1.6 | Load centre distance | c (mm) | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 |
| | 1.8 | Load distance, centre of drive axle to fork | x (mm) | 470 | 470 | 470 | 470 | 470 | 480 | 480 | 480 |
| | 1.9 | Wheelbase | y (mm) | 1665 | 1665 | 1665 | 1665 | 1665 | 1760 | 1760 | 1760 |
| Weight | 2.1 | Service Weight | kg | 3765 | 3765 | 3765 | 3765 | 3765 | 4270 | 4270 | 4270 |
| | 2.2 | Axle loading, laden front/rear | kg | 5530/735 | 5530/735 | 5530/735 | 5530/735 | 5530/735 | 6480/790 | 6480/790 | 6480/790 |
| | 2.3 | Axle loading, unladen front/rear | kg | 1560/2205 | 1560/2205 | 1560/2205 | 1560/2205 | 1560/2205 | 1765/2505 | 1765/2505 | 1765/2505 |
| Tyres, chassis | 3.2 | Tyre size, front | | 7.00-12-12PR | 7.00-12-12PR | 7.00-12-12PR | 7.00-12-12PR | 7.00-12-12PR | 28×9-15-14PR | 28×9-15-14PR | 28×9-15-14PR |
| | 3.3 | Tyre size, rear | | 6.00-9-10PR | 6.00-9-10PR | 6.00-9-10PR | 6.00-9-10PR | 6.00-9-10PR | 6.50-10-10PR | 6.50-10-10PR | 6.50-10-10PR |
| | 3.6 | Tread, front | b10 (mm) | 965 | 965 | 965 | 965 | 965 | 1005 | 1005 | 1005 |
| | 3.7 | Tread, rear | b11 (mm) | 971.5 | 971.5 | 971.5 | 971.5 | 971.5 | 973.5 | 973.5 | 973.5 |
| Dimensions | 4.1 | Tilt of mast/fork carriage forward/backward | α/β(°) | 6/12 | 6/12 | 6/12 | 6/12 | 6/12 | 6/12 | 6/12 | 6/12 |
| | 4.2 | Height, mast lowered | h1 (mm) | 1995 | 1995 | 1995 | 1995 | 1995 | 2049 | 2049 | 2049 |
| | 4.3 | Free lift | h2 (mm) | 140 | 140 | 140 | 140 | 140 | 145 | 145 | 145 |
| | 4.4 | Lift | h3 (mm) | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 |
| | 4.5 | Height, mast extended | h4 (mm) | 4045 | 4045 | 4045 | 4045 | 4045 | 4140 | 4140 | 4140 |
| | 4.7 | Height of overhead guard | he (mm) | 2120 | 2120 | 2120 | 2120 | 2120 | 2150 | 2150 | 2150 |
| | 4.20 | Length to face of forks | lz (mm) | 2635 | 2635 | 2635 | 2635 | 2635 | 2780 | 2780 | 2780 |
| | 4.21 | Overall width | b1(mm) | 1155 | 1155 | 1155 | 1155 | 1155 | 1225 | 1225 | 1225 |
| | 4.22 | Fork dimensions ISO 2331 | s/e/l (mm) | 1070×122×40 | 1070×122×40 | 1070×122×40 | 1070×122×40 | 1070×122×40 | 1070×122×45 | 1070×122×45 | 1070×122×45 |
| | 4.25 | Distance between fork-arms | bs (mm) | 244-1038 | 244-1038 | 244-1038 | 244-1038 | 244-1038 | 244-1100 | 244-1100 | 244-1100 |
| | 4.31 | Ground clearance, laden, below mast | m1 (mm) | 105 | 105 | 105 | 105 | 105 | 130 | 130 | 130 |
| | 4.32 | Ground clearance, centre of wheelbase | m2 (mm) | 150 | 150 | 150 | 150 | 150 | 175 | 175 | 175 |
| | 4.35 | Turning radius | Wa (mm) | 2240 | 2240 | 2240 | 2240 | 2240 | 2400 | 2400 | 2400 |
| | | | Aisle width | Ast (mm) | 2710 | 2710 | 2710 | 2710 | 2710 | 2880 | 2880 |
| Performance Data | 5.1 | Travel speed, laden/unladen | km/h | 18/19 | 18/19 | 18/19 | 19/20 | 17/18 | 19/20 | 19/20 | 18/19 |
| | 5.2 | Lift speed, laden/unladen | m/s | 0.580/0.600 | 0.580/0.600 | 0.580/0.600 | 0.540/0.560 | 0.480/0.500 | 0.460/0.480 | 0.460/0.480 | 0.430/0.450 |
| | 5.3 | Lowering speed, laden/unladen | m/s | 0.500/0.500 | 0.500/0.500 | 0.500/0.500 | 0.500/0.500 | 0.500/0.500 | 0.500/0.500 | 0.500/0.500 | 0.500/0.500 |
| | 5.5 | Drawbar pull, laden/unladen | N | 21300/10500 | 21300/10500 | 21300/10500 | 20500/10500 | 19320/10500 | 20300/12000 | 20300/12000 | 19500/12000 |
| | 5.7 | Gradeability, laden/unladen | % | 20/20 | 20/20 | 20/20 | 20/20 | 20/20 | 20/20 | 20/20 | 20/20 |
| Combustion-engine | 7.1 | Engine manufacturer/type | | C490BPG-204/204A | 4D27G31 | 4D27G31-078 | A498BT1-1 | C240NKFC | C490BPG-204/204A | 4D27G31 | 4D27G31-078 |
| | 7.2 | Engine power according to DIN ISO 1585 | kw | 40/36.7 | 36.8 | 36.8 | 36.8 | 35.4 | 40/36.7 | 36.8 | 36.8 |
| | 7.3 | Rated speed | min | 2650 | 2500 | 2500 | 2400 | 2500 | 2650 | 2500 | 2500 |
| | | Rated torque | N·m/r/min | 160/1800-2000 | 156/1800-2000 | 156/1700-1900 | 186/1600-1800 | 139.9/1800 | 160/1800-2000 | 156/1800-2000 | 156/1700-1900 |
| | 7.4 | Number of cylinders/displacement | (-)/(cm ³) | -/2670 | -/2670 | -/2670 | -/3168 | -/2369 | -/2670 | -/2670 | -/3168 |
| | 7.10 | Battery voltage/nominal capacity | V/Ah | 12/90 | 12/90 | 12/90 | 12/90 | 12/90 | 12/90 | 12/90 | 12/90 |
| | | Transmissions Manufacturer | | China | China | China | China | China | China | China | China |
| | | Transmissions Type | | Powershift | Powershift | Powershift | Powershift | Powershift | Powershift | Powershift | Powershift |
| | | Stage FwD/RVS | | 1/1 | 1/1 | 1/1 | 1/1 | 1/1 | 1/1 | 1/1 | 1/1 |
| | Addition data | 10.1 | Operating pressure for attachments | bar | 175 | 175 | 175 | 175 | 175 | 175 | 175 |
| 10.4 | | Fuel tank capacity | liter | 60 | 60 | 60 | 60 | 60 | 70 | 70 | 70 |

Note:*With suspension seat or cabin.

1.Special lifting height available (2-stage mast: 2.5m, 2.7m, 3.0m, 3.3m, 3.6m, 4m, 4.5m. 3-stage mast:4.3m, 4.5m, 4.8m, 5m, 5.5m, 6m)

2. Attachment available.

A series 3.5-3.8t forklift specification

| | | HANGCHA GROUP CO.,LTD. | | | | | | | | |
|---------------------------------------|---|--|---------------|------------------|---------------|---------------|---------------|------------------|---------------|-----------|
| Distinguishing mark | 1.1 Manufacturer | HANGCHA GROUP CO.,LTD. | | | | | | | | |
| | 1.2 Manufacturer's type designation | CPCD35-AG2 | CPCD35-AG51 | CPCD35-AG65J | CPCD35-AW27 | CPCD38-AG2 | CPCD38-AG65J | CPCD38-AW27 | | |
| | 1.3 Driver electric (battery or mains) diesel, petrol, fuel gas | Diesel | Diesel | Diesel | Diesel | Diesel | Diesel | Diesel | | |
| | 1.5 Rated capacity/rated load | Q (kg) | 3500 | 3500 | 3500 | 3800 | 3800 | 3800 | | |
| | 1.6 Load centre distance | c (mm) | 500 | 500 | 500 | 500 | 500 | 500 | | |
| | 1.8 Load distance, centre of drive axle to fork | x (mm) | 485 | 485 | 485 | 485 | 485 | 485 | | |
| | 1.9 wheelbase | y (mm) | 1760 | 1760 | 1760 | 1760 | 1760 | 1760 | | |
| | Weight | 2.1 Service Weight | kg | 4555 | 4555 | 4555 | 4755 | 4755 | 4755 | |
| | | 2.2 Axle loading, laden front/rear | kg | 7260/795 | 7260/795 | 7260/795 | 7260/795 | 7630/925 | 7630/925 | |
| 2.3 Axle loading, unladen front/rear | | kg | 1805/2750 | 1805/2750 | 1805/2750 | 1805/2750 | 1705/3050 | 1705/3050 | | |
| Tyres, chassis | 3.2 Tyre size, front | | 28*9-15-14PR | 28*9-15-14PR | 28*9-15-14PR | 28*9-15-14PR | 28*9-15-14PR | 28*9-15-14PR | | |
| | 3.3 Tyre size, rear | | 6.50-10-10PR | 6.50-10-10PR | 6.50-10-10PR | 6.50-10-10PR | 6.50-10-10PR | 6.50-10-10PR | | |
| | 3.6 Tread, front | b10 (mm) | 1005 | 1005 | 1005 | 1005 | 1005 | 1005 | | |
| | 3.7 Tread, rear | b11 (mm) | 973.5 | 973.5 | 973.5 | 973.5 | 973.5 | 973.5 | | |
| Dimensions | 4.1 Tilt of mast/fork carriage forward/backward | α/β(°) | 6/12 | 6/12 | 6/12 | 6/12 | 6/12 | 6/12 | | |
| | 4.2 Height, mast lowered | h1 (mm) | 2164 | 2164 | 2164 | 2164 | 2164 | 2164 | | |
| | 4.3 Free lift | h2 (mm) | 150 | 150 | 150 | 150 | 150 | 150 | | |
| | 4.4 Lift | h3 (mm) | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | | |
| | 4.5 Height, mast extended | h4 (mm) | 4140 | 4140 | 4140 | 4140 | 4140 | 4140 | | |
| | 4.7 Height of overhead guard | h6 (mm) | 2150 | 2150 | 2150 | 2150 | 2150 | 2150 | | |
| | 4.20 Length to face of forks | lz (mm) | 2815 | 2815 | 2815 | 2815 | 2815 | 2815 | | |
| | 4.21 Overall width | b1 (mm) | 1225 | 1225 | 1225 | 1225 | 1225 | 1225 | | |
| | 4.22 Fork dimensions ISO 2331 | s/e/l (mm) | 1070*122*50 | 1070*122*50 | 1070*122*50 | 1070*122*50 | 1070*122*50 | 1070*122*50 | | |
| | 4.25 Distance between fork-arms | bs (mm) | 244-1100 | 244-1100 | 244-1100 | 244-1100 | 244-1100 | 244-1100 | | |
| | 4.31 Ground clearance, laden, below mast | m1 (mm) | 130 | 130 | 130 | 130 | 130 | 130 | | |
| | 4.32 Ground clearance, centre of wheelbase | m2 (mm) | 175 | 175 | 175 | 175 | 175 | 175 | | |
| | 4.35 Turning radius | Wa (mm) | 2420 | 2420 | 2420 | 2420 | 2420 | 2420 | | |
| Performance Data | 5.1 Travel speed, laden/unladen | km/h | 19/20 | 19/20 | 19/20 | 18/19 | 19/20 | 19/20 | | |
| | 5.2 Lift speed, laden/unladen | m/s | 0.360/0.380 | 0.380/0.400 | 0.380/0.400 | 0.340/0.360 | 0.360/0.380 | 0.380/0.400 | 0.340/0.360 | |
| | 5.3 Lowering speed, laden/unladen | m/s | 0.500/0.500 | 0.500/0.500 | 0.500/0.500 | 0.500/0.500 | 0.500/0.500 | 0.500/0.500 | 0.500/0.500 | |
| | 5.5 Drawbar pull, laden/unladen | N | 20300/12000 | 20300/12000 | 20300/12000 | 19500/12000 | 20300/13500 | 19500/13500 | 19500/13500 | |
| | 5.7 Gradeability, laden/unladen | % | 20/20 | 15/15 | 15/15 | 20/20 | 15/15 | 15/15 | 15/15 | |
| | Combustion-engine | 7.1 Engine manufacturer/type | | C490BPG-204/204A | 4D27G31 | 4D27G31-078 | A498BT1-1 | C490BPG-204/204A | 4D27G31-078 | A498BT1-1 |
| | | 7.2 Engine power according to DIN ISO 1585 | kw | 40/36.7 | 36.8 | 36.8 | 36.8 | 40/36.7 | 36.8 | 36.8 |
| 7.3 Rated speed | | min | 2650 | 2500 | 2500 | 2400 | 2650 | 2500 | 2400 | |
| Rated torque | | N·m/r/min | 160/1800-2000 | 156/1800-2000 | 156/1700-1900 | 186/1600-1800 | 160/1800-2000 | 156/1700-1900 | 186/1600-1800 | |
| 7.4 Number of cylinders/displacement | | (-)/(cm³) | -/2670 | -/2670 | -/2670 | -/3168 | -/2670 | -/2670 | -/3168 | |
| 7.10 Battery voltage/nominal capacity | | V/Ah | 12/90 | 12/90 | 12/90 | 12/90 | 12/90 | 12/90 | 12/90 | |
| Transmissions Manufacturer | | | China | China | China | China | China | China | China | |
| Transmissions Type | | | Powershift | Powershift | Powershift | Powershift | Powershift | Powershift | Powershift | |
| Stage | | | 1/1 | 1/1 | 1/1 | 1/1 | 1/2 | 1/2 | 1/2 | |
| Addition data | | 10.1 Operating pressure for attachments | bar | 175 | 175 | 175 | 175 | 175 | 175 | 175 |
| | 10.4 Fuel tank capacity | liter | 70 | 70 | 70 | 70 | 70 | 70 | 70 | |

Note: *With suspension seat or cabin.
 1. Special lifting height available (2-stage mast: 2.5m, 2.7m, 3.0m, 3.3m, 3.6m, 4m, 4.5m. 3-stage mast: 4.3m, 4.5m, 4.8m, 5m, 5.5m, 6m)
 2. Attachment available.

Optional Engine

| Engine | Engine manufacturer/type | XINCHAI/4D27G31 | XINCHAI/4D27G31 | ISUZU/C240NKFC | XINCHAI/A498BT1 | XINCHAI/C490BPG | XINCHAI/4D32G31 | mitsubishi/S4S-DPEU2 |
|--------|----------------------------------|-----------------|-----------------|----------------|-----------------|-----------------|----------------------|---------------------------|
| | Manufacturer's type designation | G51 | G65J | W10 | W27 | G2 | G52 | W55 |
| | Drive | Diesel | Diesel | Diesel | Diesel | Diesel | Diesel | Diesel |
| | Emission STD | GB III | GB III | StageIIIA | StageIIIA | GB II | GB III | StageIIIA |
| | Engine power | kw/r/min | 36.8/2500 | 36.8/2500 | 35.4/2500 | 36.8/2400 | 40/2650 36.7/2650 | 36.8/2500 35.3/2250 |
| | Rated torque | N·m/r/min | 156/1800-2000 | 156/1700-1900 | 139.9/1800 | 186/1600-1800 | 160/1800-2000 | 186/1600-1800 177/1700 |
| | Number of cylinders/displacement | ml | 4/2670 | 4/2670 | 4/2369 | 4/3168 | 4/2670 | 4/3331 |
| | Rated capacity/rated load | Q (kg) | 2000-3500 | 1000-3800 | 1500-3000 | 2000-3800 | 1000-3800 | 2000-3500 2000-3500 |

