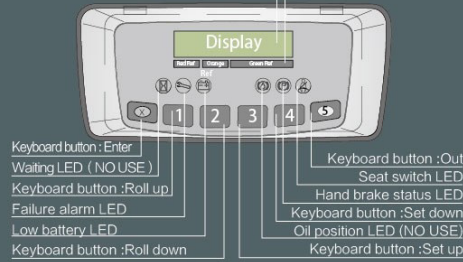
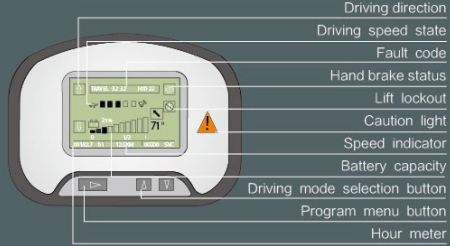


G2 series

Alphanumeric display Battery discharge indicator



ZAPI Display



CURTIS Display

Standard configuration

- Wide view standard mast
- Standard fork
- Class II standard carriage
- Load backrest
- Two-spool control valve
- Battery
- Standard seat
- Overhead guard
- Overhead guard rain cover
- LCD combined display
- Solid tires
- Traction pin
- LED signal light- LED warning light(flashing)
- Back-up alarm
- Automatic steering slow down device
- Automatic Packing
- Drive's tool

Optional

- Cab
- side shifter
- Rotator
- Load stabilizer
- LED Warning lights(rotating/buzzer)
- coloring tires(white/green)
- Rear work light
- Steel fence
- Long forks
- Accessory hydraulic component
- Tilt cylinder protection sleeve
- Customer color
- Battery lifting sling
- Battery side-pull
- Finger tips



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G2 series / INTELLIGENT ENVIRONMENT-FRIENDLY



1.5-2 t

**G2 series Three Wheel
AC Electric Forklift Truck**





G2 1.5-2t G2 series Three Wheel AC Electric Forklift Truck

COMFORTABLE



- ✓ Magnetic brake on driving axle, the truck can automatic parking in slope or flat.
- ✓ Rear handle with horn function contributes to stable sitting pose when travelling backward and driving comfort and safety.
- ✓ Automobile type double combined switch effectively improve driving comfort level.
- ✓ Open the battery hood without operate the handle lever.
- ✓ Sensor operated power steering (option) ,more comfortable.
- ✓ Side battery as option, easy replacement.
- ✓ Finger switch as option, more speedy operation.

IMPROVED DRIVER'S VIEW



- ✓ Newly designed wide-view mast with special chains enlarges operator' s view effectively.
- ✓ Large arc shape of the overhead guard and grid tray with proper angle increase operator' s upward view.

SAFETY

- ✓ Better loading capacity at high position.
- ✓ automatic deceleration on curved road, more intelligent and safe.
- ✓ Standard configuration of warning light and drive OPS system improve whole truck's safety.



WORKING EFFICIENCY

- ✓ Small turning radius makes steering flexible and easy.
- ✓ The truck has fast driving and lifting speed, higher working efficiency.
- ✓ Three speed mode, high performance.
- ✓ Larger battery capacity for longer single shift time.



ENERGY EFFICIENCY

- ✓ With optimized hydraulic system, the truck is more energy-efficient and has lower energy consumption.
- ✓ Save more than 80% lighting energy with LED lights.
- ✓ Motor regenerative braking can recycle more electric energy.

MAINTAINABILITY

- ✓ The cover can be disassembled easily, contributes to quick and convenient maintenance.



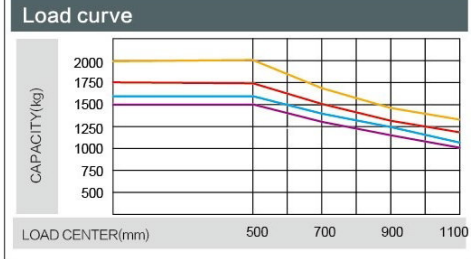
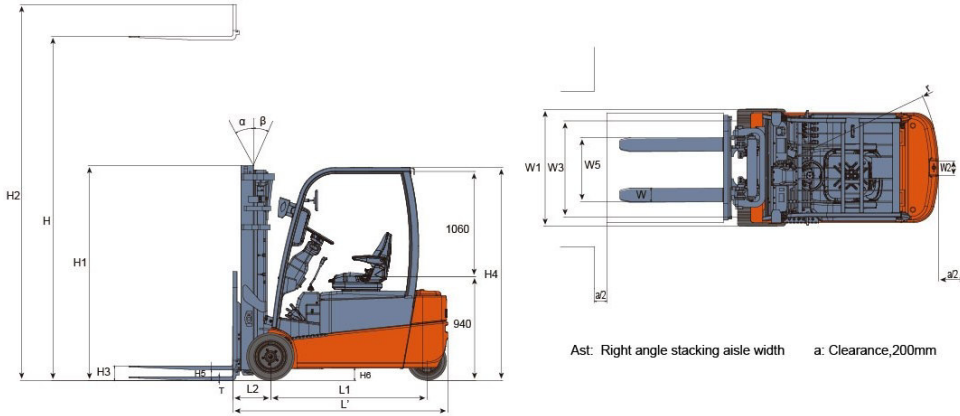


G2 1.5-2t G2 series Three Wheel AC Electric Forklift Truck

Manufacturer's Data and Design Characteristics

| Characteristics | | HELI | | | | |
|--------------------|---|-------------------|----------------|----------------|----------------|----------------|
| 1.01 | Manufacture's Name | | | | | |
| 1.02 | Model Designation | CPD15 | CPD16 | CPD18 | CPD18 | CPD20 |
| 1.03 | Configuration Number | SQ-GB1/GB2(P) | SQ-GB1/GB2(P) | SQ-GB1/GB2(P) | SQ-GD1/GD2(P) | SQ-GD1/GD2(P) |
| 1.04 | Load Capacity | Q (kg) | 1500 | 1600 | 1750 | 2000 |
| 1.05 | Load Center | c (mm) | 500 | 500 | 500 | 500 |
| 1.06 | Power Type | Battery | | | | |
| 1.07 | Operator Type | Seated | | | | |
| 1.08 | Wheelbase | L1 (mm) | 1292 | 1400 | 1400 | 1508 |
| Wheels & Tyres | | | | | | |
| 2.01 | Tyre Type | SE | | | | |
| 2.02 | Tyres Number (Front/Rear) | 2/2 | | | | |
| 2.03 | Tread(centre of tyre),front | W3 (mm) | 910 | 910 | 920 | 920 |
| 2.04 | Tread(centre of tyre),rear | W2 (mm) | 163 | 163 | 180 | 180 |
| 2.05 | Tyre Size, Front | 18 × 7-8 | | 200/50-10 | 200/50-10 | |
| 2.06 | Tyre Size, Rear | 15 × 4.5-8 | | 140/55-9 | 140/55-9 | |
| Dimensions | | | | | | |
| 3.01 | Load Distance | L2 (mm) | 365 | 365 | 365 | 365 |
| 3.02 | Mast Tilt Angle,F/R | α/β (°) | 5/7 | 5/7 | 5/7 | 5/7 |
| 3.03 | Height with Mast Lowered | H1 (mm) | 2175 | 2175 | 2175 | 2175 |
| 3.04 | Free Lift | H3 (mm) | 90 | 90 | 90 | 90 |
| 3.05 | Standard Lift Height | H (mm) | 3300 | 3300 | 3300 | 3300 |
| 3.06 | Height with Mast Extended | H2 (mm) | 4039 | 4039 | 4039 | 4039 |
| 3.07 | Overhead Guard Height | H4 (mm) | 2040 | 2040 | 2040 | 2040 |
| 3.08 | Fork Size T × W × L | L4/W/T(mm) | 35 × 100 × 920 | 35 × 100 × 920 | 35 × 100 × 920 | 40 × 122 × 920 |
| 3.09 | Fork Carriage to DIN 15173 A/B | 2A | | | | |
| 3.10 | Length to fork face | l' (mm) | 1842 | 1950 | 1950 | 2058 |
| 3.11 | Overall Width | W1 (mm) | 1060 | 1060 | 1120 | 1120 |
| 3.12 | Outside Turning Radius | r (mm) | 1477 | 1585 | 1585 | 1693 |
| 3.13 | Ground Clearance at mast ,Loaded | H5 (mm) | 85 | 85 | 90 | 90 |
| 3.14 | Ground Clearance at centre of wheelbase ,Loaded | H6 (mm) | 100 | 100 | 100 | 100 |
| 3.15 | Right Stack Aisle width (Pallet size 1000x1000mm, clearance:200mm) | Ast (mm) | 3169 | 3277 | 3277 | 3385 |
| 3.16 | Right Stack Aisle width (Pallet size 1200x1200mm, clearance:200mm) | Ast (mm) | 3389 | 3497 | 3497 | 3605 |
| 3.17 | Lateral Fork Adjustment (Outside of Forks) Max./Min. | W5 (mm) | 960/200 | 960/200 | 1030/200 | 1030/245 |
| Performances | | | | | | |
| 4.01 | Travel Speed,loaded/unloaded | km/h | 16/16 | 16/16 | 16/16 | 16/16 |
| 4.02 | Lifting Speed,loaded/unloaded | m/s | 0.38/0.6 | 0.46/0.6 | 0.43/0.6 | 0.40/0.60 |
| 4.03 | Lowering Speed,loaded/unloaded | m/s | 0.50/0.40 | 0.50/0.40 | 0.50/0.40 | 0.50/0.40 |
| 4.04 | Gradient performance with loaded | % | 20 | 20 | 20 | 20 |
| 4.05 | Max. draw bar pull with load | N | 15300 | 15300 | 15300 | 17000 |
| Weight | | | | | | |
| 5.01 | Total Approximate Weight(W/O battery) | kg | 3000/2250 | 3200/2300 | 3300/2400 | 3350/2300 |
| 5.02 | Axle Loading*: Unloaded,Front/Rear | kg | 1480/1520 | 1550/1650 | 1600/1700 | 1630/1720 |
| 5.03 | Axle Loading*: Loaded,Front/Rear | kg | 3990/510 | 4250/550 | 4400/650 | 4400/700 |
| Battery | | | | | | |
| 6.01 | Battery Voltage/rated capacity(5h) | V/Ah | 48/440 | 48/600 | 48/600 | 48/720 |
| 6.02 | battery weight | kg | 680(660-850) | 895(800-1000) | 895(800-1000) | 1064(900-1200) |
| 6.03 | Battery to DIN 43531/35/36/A/B/C | 43531A | | | | |
| Motor & Controller | | | | | | |
| 7.01 | Drive Motor – 60 Min. Rating | kW | 4.7x2 | 4.7x2 | 4.7x2 | 4.7x2 |
| 7.02 | Pump Motor – 15 Min. Rating | kW | 11 | 17.6 | 17.6 | 17.6 |
| 7.03 | Drive Motor Control Method | MOSFET/AC | | | | |
| 7.04 | Pump Motor Control Method | MOSFET/AC | | | | |
| 7.05 | Service Brake/Parking Brake | Electric/Electric | | | | |
| 7.06 | Relief Pressure | Mpa | 17.5 | 17.5 | 17.5 | 17.5 |

NOTE: Detailed information about battery,please contact our salesmen or engineer. "P" Battery side extraction(side pulling or side loading),side pulling for standard.



CPD15 CPD16 CPD18 CPD20

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 1000mm 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.

| BATTERY COMPARTMENT SIZE | | BATTERY SPECIFICATIONS | |
|--------------------------|------------------|------------------------|------------|
| MODEL | COMPARTMENT SIZE | SIZE | |
| | WD×LG×HT | STANDARD | |
| CPD15SQ-GB | 845X532X660 | 830X522X627 | DIN 43531A |
| CPD16SQ-GB CPD18SQ-GB | 845X640X660 | 830X630X627 | DIN 43531A |
| CPD18SQ-GD CPD20SQ-GD | 845X748X660 | 830X738X627 | DIN 43531A |



Renewable energy technologies

With the use of the excellent load-sensing steering system and AC controlling renewable energy technologies, the forklift is more energy-saving and the working hour of the battery is extended by 15%.

↑15%
THE PERFORMANCE OF BATTERY INCREASES

WIDE VIEW MAST

| Mast model | Max. Lift height (mm) | Capacity at 500mm;load center | | | | | Tilting Angle (α/β) | service weight(Kg) | | | | | mast weight | |
|------------|-----------------------|-------------------------------|------|------|---------------------|------|---------------------|--------------------|------|------|---------------------|------|-------------|-------|
| | | 1.5t | 1.6t | 1.8t | 1.8t-long wheelbase | 2.0t | | 1.5t | 1.6t | 1.8t | 1.8t-long wheelbase | 2.0t | | |
| M200 | 2000 | 1500 | 1600 | 1750 | 1750 | 2000 | 1525 | 2931 | 3131 | 3231 | 3281 | 3381 | 408.4 | |
| M250 | 2500 | 1500 | 1600 | 1750 | 1750 | 2000 | 1775 | 2957 | 3157 | 3257 | 3307 | 3407 | 434.9 | |
| M300 | 3000 | 1500 | 1600 | 1750 | 1750 | 2000 | 2025 | 5-7 | 2984 | 3184 | 3284 | 3334 | 3434 | 461.4 |
| M330 | 3300 | 1500 | 1600 | 1750 | 1750 | 2000 | 2175 | 5-7 | 3000 | 3200 | 3300 | 3350 | 3450 | 477.5 |
| M350 | 3500 | 1500 | 1600 | 1750 | 1750 | 2000 | 2275 | 5-7 | 3010 | 3210 | 3310 | 3360 | 3460 | 487.7 |
| M370 | 3700 | 1500 | 1600 | 1750 | 1750 | 2000 | 2375 | 5-7 | 3024 | 3224 | 3324 | 3374 | 3474 | 501.4 |
| M400 | 4000 | 1500 | 1600 | 1750 | 1750 | 1950 | 2575 | 3-5 | 3068 | 3268 | 3368 | 3418 | 3518 | 545.1 |
| M425 | 4250 | 1500 | 1600 | 1750 | 1750 | 1900 | 2700 | 3-5 | 3081 | 3281 | 3381 | 3431 | 3531 | 558.4 |
| M450 | 4500 | 1400 | 1500 | 1700 | 1700 | 1850 | 2825 | 3-5 | 3094 | 3294 | 3394 | 3444 | 3544 | 571.2 |
| M500 | 5000 | 1300 | 1400 | 1600 | 1600 | 1700 | 3075 | 3-3 | 3120 | 3320 | 3420 | 3470 | 3570 | 597.7 |
| M550 | 5500 | 1100 | 1200 | 1400 | 1400 | 1400 | 3375 | 3-3 | 3201 | 3401 | 3501 | 3551 | 3651 | 678.5 |
| M600 | 6000 | 800 | 900 | 1000 | 1000 | 1100 | 3625 | 3-3 | 3230 | 3430 | 3530 | 3580 | 3680 | 707 |

WIDE VIEW FULL FREE 2-STAGE MAST

| Mast model | Max. Lift height (mm) | Capacity at 500mm;load center | | | | | Height with mast lowered (mm) | Free lift (with Backrest) 1.5-2t | Tilting Angle (α/β) | service weight(Kg) | | | | | mast weight |
|------------|-----------------------|-------------------------------|------|------|---------------------|------|-------------------------------|----------------------------------|---------------------|--------------------|------|------|---------------------|------|-------------|
| | | 1.5t | 1.6t | 1.8t | 1.8t-long wheelbase | 2.0t | | | | 1.5t | 1.6t | 1.8t | 1.8t-long wheelbase | 2.0t | |
| ZM200 | 2000 | 1500 | 1600 | 1750 | 1750 | 2000 | 1525 | 476 | 5-7 | 2962 | 3162 | 3262 | 3312 | 3412 | 439 |
| ZM250 | 2500 | 1500 | 1600 | 1750 | 1750 | 2000 | 1775 | 726 | 5-7 | 2990 | 3190 | 3290 | 3340 | 3440 | 467.5 |
| ZM300 | 3000 | 1500 | 1600 | 1750 | 1750 | 2000 | 2025 | 976 | 5-7 | 3019 | 3219 | 3319 | 3369 | 3469 | 496 |
| ZM330 | 3300 | 1500 | 1600 | 1750 | 1750 | 2000 | 2175 | 1126 | 5-7 | 3036 | 3236 | 3336 | 3386 | 3486 | 513.5 |
| ZM350 | 3500 | 1500 | 1600 | 1750 | 1750 | 2000 | 2275 | 1226 | 5-7 | 3047 | 3247 | 3347 | 3397 | 3497 | 524.5 |
| ZM370 | 3700 | 1500 | 1600 | 1750 | 1750 | 2000 | 2375 | 1326 | 5-7 | 3062 | 3262 | 3362 | 3412 | 3512 | 539 |
| ZM400 | 4000 | 1500 | 1600 | 1750 | 1750 | 1950 | 2575 | 1526 | 3-5 | 3106 | 3306 | 3406 | 3456 | 3556 | 583.9 |

NOTE: 1.5-2T:free lifted height 394mm increased without backrest.

WIDE VIEW FULL FREE 3-STAGE MAST

| Mast model | Max. Lift height (mm) | Capacity at 500mm;load center | | | | | Height with mast lowered (mm) | Free lift (with Backrest) 1.5-2t | Tilting Angle (α/β) | service weight(Kg) | | | | | mast weight |
|------------|-----------------------|-------------------------------|------|------|---------------------|------|-------------------------------|----------------------------------|---------------------|--------------------|------|------|---------------------|------|-------------|
| | | 1.5t | 1.6t | 1.8t | 1.8t-long wheelbase | 2.0t | | | | 1.5t | 1.6t | 1.8t | 1.8t-long wheelbase | 2.0t | |
| ZSM360 | 3600 | 1500 | 1600 | 1750 | 1750 | 2000 | 1790 | 741 | 3-5 | 3133 | 3333 | 3433 | 3483 | 3583 | 610 |
| ZSM400 | 4000 | 1500 | 1600 | 1750 | 1750 | 2000 | 1925 | 876 | 3-5 | 3160 | 3360 | 3460 | 3510 | 3610 | 637 |
| ZSM435 | 4350 | 1400 | 1500 | 1700 | 1700 | 1900 | 2040 | 991 | 3-5 | 3184 | 3384 | 3484 | 3534 | 3634 | 661 |
| ZSM450 | 4500 | 1400 | 1500 | 1700 | 1700 | 1850 | 2090 | 1041 | 3-5 | 3194 | 3394 | 3494 | 3544 | 3644 | 671 |
| ZSM470 | 4700 | 1350 | 1450 | 1650 | 1650 | 1750 | 2160 | 1111 | 3-5 | 3208 | 3408 | 3508 | 3558 | 3658 | 685 |
| ZSM480 | 4800 | 1350 | 1450 | 1650 | 1650 | 1750 | 2190 | 1141 | 3-5 | 3214 | 3414 | 3514 | 3564 | 3664 | 691 |
| ZSM500 | 5000 | 1200 | 1300 | 1600 | 1600 | 1700 | 2290 | 1241 | 3-3 | 3234 | 3434 | 3534 | 3584 | 3684 | 711 |
| ZSM540 | 5400 | 1050 | 1150 | 1250 | 1250 | 1400 | 2425 | 1376 | 3-3 | 3262 | 3462 | 3562 | 3612 | 3712 | 739 |
| ZSM600 | 6000 | 800 | 900 | 1000 | 1000 | 1100 | 2640 | 1591 | 3-3 | 3305 | 3505 | 3605 | 3655 | 3755 | 782 |
| ZSM650 | 6500 | 700 | 800 | 900 | 900 | 1000 | 2830 | 1781 | 3-3 | 3343 | 3543 | 3643 | 3693 | 3793 | 820 |

NOTE: 1.5-2T:free lifted height 364mm increased without backrest.
1.5-2T:free lifted height 364mm increased without backrest when assemble with pulley block.