



Model:
CQDH18C

Hot Sale

AC **EPS**
Option

Advantages:

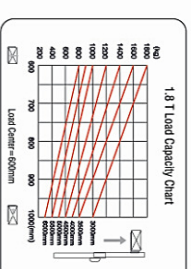
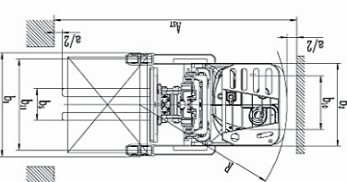
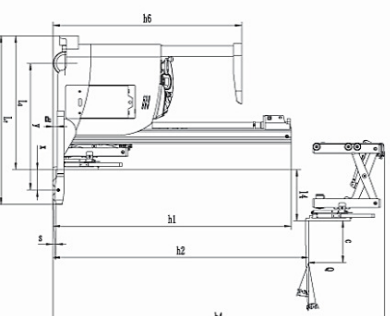
- SAFETY AND STABILITY**
- AC motor drive with high efficiency, no need to replace carbon brush, very good ramp starting performance.
 - Two model function can control the speed of lift and lowering.
 - Low center of gravity, excellent stability for operation.
 - Small turning radius, good turning performance.
 - With advanced variable frequency AC motor free maintenance and excellent performance.
 - Can control the speed of driving and lifting in the same time.
 - Shock absorber system support good noise reduction.
 - Wide view mast and clear visibility.
 - With full free lifting, can work in the limited roof environment.
 - Import proportional hydraulic valve, adjustable speed for lifting/lowering.
 - Multi-function display: battery status, hour meter, fault code, slow running state, etc

- Big power controller (350A) with big power electric motor (10KW), support excellent reliability.
 - Double scissors reach fork let the reach distance up to 1000mm.
 - The mast fixed with the frame, when fork move forward, the mast can become the balance weight, reduce the total service weight.
 - With advanced 36V electric control system, smaller electric current, ensure the reliability of the battery system.
 - High speed of lifting and lowering, 300% faster than normal type truck.
- STRUCTURAL**
- Side way battery is very convenient to do maintenance and replace batteries.
 - CANBUS technology reduces wiring complexity, making the line clear and orderly, increases the truck's reliability and easy to repair.
 - The Mast can be separate from the frame, very good interchange ability (option).

Model CQDH18C (single scissor)

| Drive Type | battery | battery |
|--|-------------------------------------|------------------------------------|
| Load capacity/Rated load | 1800 | 1800 |
| Load centre distance | 600 | 600 |
| Load distance, centre of drive axle fork | 246 | 246 |
| Type size, front | 280x82+180x60x2 | 280x82+180x60x2 |
| Type size, rear | 125x82(4) | 125x82(4) |
| Wheels, number front/rear—when wheels | 1x+2/4 | 1x+2/4 |
| Tilt of mast/box carriage forward/backward | 0/±2 | ±2/5 |
| Height, mast lowered | h ₁ (mm) | 2125 2375 2625 |
| Free lift | h ₂ (mm) | 1575 1700 1825 2000 |
| Max. lift height | h ₃ (mm) | 3000 3500 4000 |
| Height, mast extended | h ₄ (mm) | 3900 4400 4900 |
| Height of overhead guard | h ₅ (mm) | 2246 |
| Overall width | b ₁ /b ₂ (mm) | 1255/1040 |
| Overall length | l ₁ (mm) | 2716 |
| Length to face of forks | l ₂ (mm) | 1618 |
| Fork Dimension | s/d ₁ (mm) | 40/100/1070 |
| Reach distance | l ₃ (mm) | 500 |
| Fork height, lowered | h ₆ (mm) | 130 |
| Distance of "X" (see below diagram) | mm | 450 450 |
| Overall height (excluding the box) | mm | 2023 |
| Ground clearance, centre of the chassis | m ₁ (mm) | 49 |
| Axle width for pallets 1000x1200/crossways | A ₁ (mm) | 3013 |
| Axle width for pallets 800x1200/highways | A ₂ (mm) | 3085 |
| Turning radius | W ₁ (mm) | 1848 |
| Travel speed, laden/unladen | km/h | 6.5/7 6.5/7 |
| Lift speed, laden/unladen | m/s | 0.20/3 0.20/3 |
| Lowering speed, laden/unladen | m/s | 0.32/0.312 0.32/0.312 |
| Battery voltage, nominal capacity, AS | V/Wh | 36/700 36/700 |
| Battery weight | kg | 810 810 |
| Battery dimension (w/h) | mm | 978x355x765 978x355x765 |
| Service weight (with battery) | kg | 3310 3380 3410 3550 3650 3750 3850 |

DIMENSIONS



CQDH18C (single scissor)

AC EPS
Option

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Model: CQDH18C



Multi function display.



Control handle with integrated thumb stick, allows smooth operation of (1) Travel, (2) Lift/low, (3) controls Tilt and Fork Reach.

| Model | | CQDH18C (double scissors) | |
|---|---------------------|---------------------------|-------------|
| Drive type | Battery | Battery | |
| Load capacity/Rated load | 1000 | 1000 | |
| Load centre distance | 600 | 600 | |
| Load distance, centre of drive axle to fork | 123 | 99 | |
| Type size, front | 280x82 + 160x60x2 | 280x82 + 160x60x2 | |
| Type size, rear | 125x62(4) | 125x62(4) | |
| Wheels, number front/rear=diagonals | 1x+2/4 | 1x+2/4 | |
| Tilt of mast/lock carriage forward/backward | 2/5 | 2/5 | |
| Height, mast lowered | h ₁ (mm) | 2125 | 2375 |
| Height, mast extended | h ₂ (mm) | 2825 | 2975 |
| Free lift | h ₃ (mm) | 1575 | 1700 |
| Max. lift height | h ₄ (mm) | 3800 | 4000 |
| Height, mast extended | h ₅ (mm) | 4535 | 5035 |
| Height of overhead guard | h ₆ (mm) | 4035 | 4035 |
| Overall width | b ₁ (mm) | 2246 | 2246 |
| Overall length | l ₁ (mm) | 1298(1040) | 1298(1040) |
| Length to face of forks | l ₂ (mm) | 2855 | 2809 |
| Fork Dimension | s ₁ (mm) | 1726 | 1730 |
| Reach distance | l ₃ (mm) | 1200 | 1200 |
| Fork height, lowered | h ₇ (mm) | 130 | 130 |
| Distance of "X" (see below diagram) | mm | 450 | 450 |
| Overall length (excluding the fork) | mm | 2023 | 2023 |
| Ground clearance, centre of wheelbase | m ₁ (mm) | 49 | 49 |
| Axis width or path 1000/1200 crossways | A ₁ (mm) | 3110 | 3131 |
| Axis width for paths 800/280 crossways | A ₂ (mm) | 3197 | 3220 |
| Turning radius | W ₁ (mm) | 1848 | 1848 |
| Travel speed, laden/unladen | km/h | 6.5/7 | 6.5/7 |
| Lift speed, laden/unladen | m/s | 0.2/0.3 | 0.2/0.3 |
| Lowering speed, laden/unladen | m/s | 0.32/0.312 | 0.32/0.312 |
| Battery voltage, nominal capacity, Ks | V/Wh | 36/700 | 36/700 |
| Battery weight | kg | 810 | 810 |
| Battery dimension l/w/h | mm | 976x385x755 | 976x385x755 |
| Service weight (with battery) | kg | 3460 | 3510 |
| | | 3580 | 3700 |
| | | 3800 | 3980 |
| | | 4000 | 4100 |

DIMENSIONS

