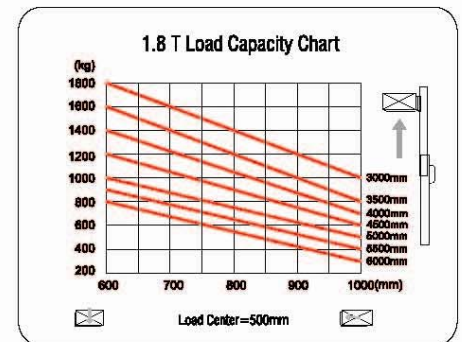
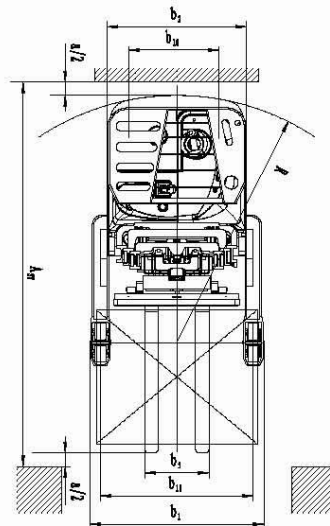
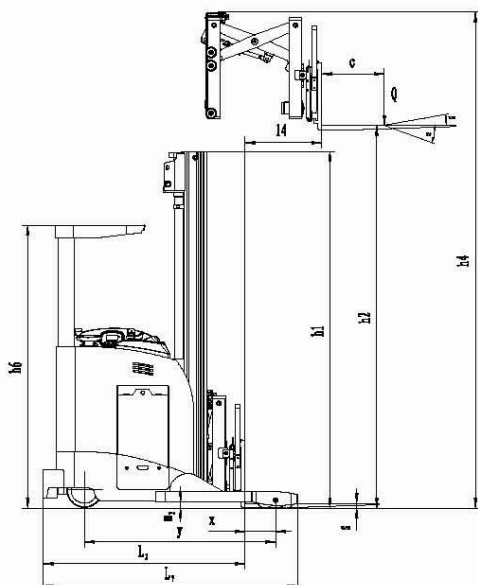


Electric Fork Reach Truck

Model		CQDH18C (Duplex mast)			CQDH18C (Triplex mast)			
Drive type		battery			battery			
Load capacity/Rated load	Q(kg)	1800			1800			
Load centre distance	c(mm)	600			600			
Load distance, centre of drive axle fork	x(mm)	246			246			
Tyre size, front	mm	280x82+160x60x2			280x82+160x60x2			
Tyre size, rear	mm	125x82(4)			125x82(4)			
Wheels, number front/rear (x=driven wheels)		1x+2/4			1x+2/4			
Tilt of mast/fork carriage forward/backward	Grad	2/5			2/5			
Height, mast lowered	h_1 (mm)	2125	2375	2625	2185	2345	2505	2675
Free lift	h_2 (mm)	~	~	~	1575	1700	1825	2000
Max. lift height	h_3 (mm)	3000	3500	4000	4500	5000	5500	6000
Height, mast extended	h_4 (mm)	3900	4400	4900	5400	5900	6400	6900
Overall width	b_1/b_2 (mm)	1295/1040			1295/1040			
Overall length	l_1 (mm)	2716			2716			
Length to face of forks	l_2 (mm)	1618			1618			
Fork Dimension	s/e/l(mm)	40/100/1070			40x100x1070			
Reach distance	l_3 (mm)	500			500			
Fork height, lowered	h_5 (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			
Aisle width for pallets 1000x1200 crossways	A_1 (mm)	3013			3013			
Aisle width for pallets 800x1200 lengthways	A_2 (mm)	3085			3085			
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 K5	V/Ah	36/490			36/700			
Battery weight	kg	510			810			
Battery dimension l/w/h	mm	978x395x785			978x395x765			
Service weight (with battery)	kg	3310	3360	3410	3550	3650	3750	3850



Electric Fork Reach Truck



Model:
CQDH18C

AC

EPS
Option



Multi function display.



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

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).