

# CQDH15C

## 1.5 Ton Scissor Reach Truck

### Advantages

#### ○ SAFETY AND STABILITY

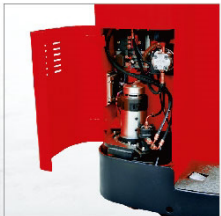
Advanced AC control system eliminating the motor brushes and directional contactor, which makes the minimal maintenance requirements.  
Stepless speed control Intelligent regenerative brake system: increase overall truck performance by decreasing battery charge intervals.  
Equipped with adjustable hand-rest, adapted to different operator.  
Multi-function display: battery status, hour meter, fault indicator etc.  
Two sides-way battery with roll-out system is very convenient to replace batteries.  
Damping cushion for low-noise operation.  
Built-in pressure relief valve protects the trucks from overloads.  
Emergency power disconnect.

#### ○ STRUCTURAL

Low Center of Gravity ensures the stable operation.  
Vertical driving wheel has a small turning radius and easy to maintain. The motor structure is water-proof and dust-proof.  
The Scissor Reach Forks is operated by electric controller, which makes operation stable and no impact.

#### ○ SERVICEABILITY

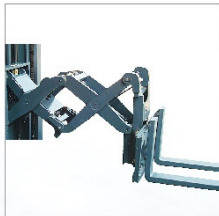
Low battery protection setting prolongs the battery use time.  
CANbus technology reduces wiring complexity and increase reliability.  
All pivot points have grease fitting and serviceable bushing, reducing component wear and extending component life.  
The back cover is easy to open for maintenance and adjustment of parts of valve, oil tube and electronic parts.



Vertically mounted drive motor  
CANbus technology reduces wiring  
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Large cab with dead man power off  
switch, Multi-function display: battery  
state, hour metre, fault indicator etc.

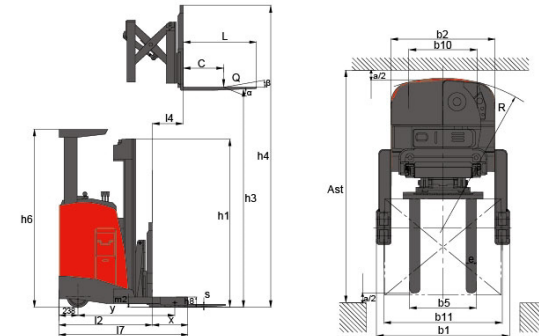
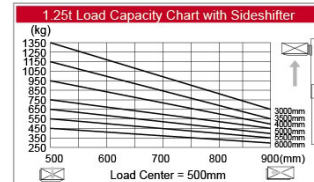
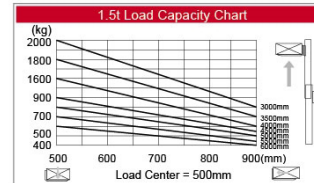


The optional of Double scissors  
forks.



Side battery with roll-out system is  
very convenient to replace battery.  
The battery upside cover  
makes you easy to fill the battery.

Feature	CQDH15C (two-stage mast)				CQDH15C (two-stage mast)					
Model	CQDH15C (two-stage mast)									
Drive type	electric									
Operation type	standing									
Load capacity/rated load	Q	kg	1500		1500					
Load centre distance	c	mm	500		500					
Load distance, centre of drive axle to fork	x	mm	450		450					
Wheelbase	y	mm	1430		1455					
<b>Wheels</b>										
Tyres	polyurethane				polyurethane					
Tyre size, front			280x82(250x82)+160x60x2		280x82(250x82)+160x60x2					
Tyre size, rear			125x82x4		125x82x4					
Wheels number front rear(x=driven wheels)			1+2		1+2					
Tread, front	b10	mm	678		678					
Tread, rear	b11	mm	1140		1140					
<b>Dimension</b>										
Tilt of mast/fork carriage forward/backward	Grad	2/5								
Height, mast lowerde	h1	mm	2140	2390	2640	2200	2360	2520	2680	
Free lift	h2	mm	-		-		1575	1700	1825	
Lift height	h3	mm	3000	3500	4000	4500	5000	5500	6000	
Height, mast extended	h4	mm	4070	4570	5070	4070	6070	6570	6570	
Overall length	l1	mm	2650						2650	
Length to face of forks	l2	mm	1170						1170	
Overall width	b1/b2	mm	1300-1400/1040				1300-1400/1040			
Fork dimensions	s/e/l	mm	45x100x1070				45x100x1070			
Reach distance	l4	mm	500						500	
Ground clearance, centre of wheelbase	m2	mm	65						65	
Aisle width for pallets 1000x1200 crossways	Ast	mm	2740						2765	
Aisle width for pallets 800x1200 lengthways	Ast	mm	2910						2935	
Turning radius	W2	mm	1715						1735	
<b>Performance</b>										
Travel speed, laden/unladen	kg	1640/760	1640/760	1850/710	1970/930	1920/880	1920/880	1950/900		
Lift speed, laden/unladen	kg	595/3405	595/3405	810/3405	940/3460	890/3410	890/3410	940/3410		
Lowering speed, laden/unladen	kg	1100/2900	1100/2900	1340/2860	1750/2650	1600/2700	1600/2700	1600/2750		
Max.gradeability, laden/unladen	km/h	6.5/7								
Axle loading, unladen front/rear	m/s	0.1/0.12						0.1/0.12		
Axle loading, fork advanced, laden front/rear	m/s	0.15/0.12						0.15/0.12		
Axle loading, fork retracted, laden front/rear	%	5/12						5/12		
<b>Electrical configuration</b>										
Service brake	electromagnetic braking system				electromagnetic braking system					
Battery voltage, nominal capacity K5	V/Ah	24/560				24/560				
Battery weight	kg	450				450				
Battery dimensions l/w/h	mm	770x336x610				770x336x610				
Sound level at the driver's ear acc.to DIN 12053	dB(A)	75				75				
<b>Weight</b>										
Service weight (with battery)	kg	2400	2400	2560	2700	2800	2900	2950		



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