

Electric Fork Reach Truck



Model:
CQDH15C

Hot Sale

AC

EPS
Option

Advantages:

SAFETY AND STABILITY

- Advanced AC control system eliminating the motor brushes and directional contactor, which makes the minimal maintenance requirements.
- Stepless speed control Intelligentized 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.

Option:

- Straddle legs
- Double scissors
- Double front wheels
- Full free lift masts
- Side shift



The optional of double scissors forks.



Large cab with dead man power off switch, Multi-function display: battery state, hour meter, fault indicator etc.



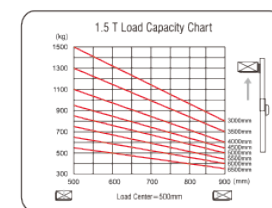
Vertically mounted drive motor with CANbus technology reduces wiring complexity and increase reliability.



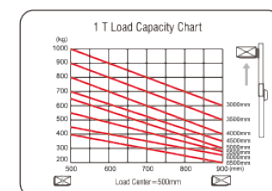
Side battery with roll-out system convenient to replace batteries. The battery upside cover makes you easy to fill the battery.

	1.2 Manufacturer's type designation	CQDH15C (single scissor)		CQDH15C (single scissor)		CQDH15C (double scissor)	
		Q (kg)		1500		1000	
General Information	1.3 Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas	Electric		Electric		Electric	
	1.4 Operator type: hand, pedestrian, standing, seated, order-picker	Standing		Standing		Standing	
	1.5 Rated capacity/rated load	1500		1500		1000	
Weight	1.6 Load centre distance	c (mm)		500		500	
	1.8 Load distance, centre of drive axle to fork	x (mm)		334 309		246 246	
	1.9 Wheelbase	y (mm)		1435 1435		1435 1435	
	2.1 Service weight	kg		2450/2500/2560/2700/2800/2900/3000		3130/3180/3230	
	2.3 Axle loading, unladen front/rear	kg		1040/1960		1306/2464	
Types	2.4 Axle loading, fork advanced, laden front/rear	kg		2950/1550		3420/1850	
	2.5 Axle loading, fork retracted, laden front/rear	kg		2750/1750		3220/2050	
	3.1 Tyres: solid rubber, superelastic, pneumatic, polyurethane	Polyurethane		Polyurethane		Polyurethane	
	3.2 Tyre size, front	Φ280×100		Φ280×100		Φ280×100	
	3.3 Tyre size, rear	Φ125×82		Φ125×82		Φ125×82	
Dimensions	3.4 Additional wheels (dimensions)	Φ160×60		Φ160×60		Φ160×60	
	3.5 Wheels, number front/rear (x = driven wheels)	1x+2/4		1x+2/4		1x+2/4	
	3.6 Tread, front	b10 (mm)		673 673		673 673	
	3.7 Tread, rear	b11 (mm)		1164 1164/1224		1140 1140	
	4.1 Tilt of mast/fork carriage forward/backward	a/b (°)		2/5		2/5	
	4.2 Height, mast lowered	h1 (mm)		2125/2375/2625		2185/2345/2505/2675	
	4.3 Free lift	h2 (mm)		N/A		1575/1700/1825/2000	
	4.4 Max. lift height	h3 (mm)		3000/3500/4000		4500/5000/5500/6000	
	4.5 Height, mast extended	h4 (mm)		3881/4381/4881		5381/5881/6381/6881	
	4.7 Height of overhead guard (cabin)	h6 (mm)		2246		2246	
Performance Data	4.19 Overall length	l1 (mm)		2409 2435		2615	
	4.20 Length to face of forks	l2 (mm)		1339 1365		1518	
	4.21 Overall width	b1/b2 (mm)		1322/1040 1322-1382/1040		1298/1040	
	4.22 Fork dimensions DIN ISO 2331	s / e / l (mm)		35/100/1070		35/100/1070	
	4.23 Fork carriage ISO 2328, class/type A, B	2A		2A		2A	
	4.24 Fork-carriage width	b3 (mm)		940/990 940/990		940 940	
	4.25 Fork spread	b5 (mm)		200-760/200-680 200-760/200-680		200-680 200-680	
	4.26 Distance between wheel arms/loading surfaces	b4 (mm)		1006 1006/1066		982 982	
	4.28 Reach distance	l4 (mm)		500		500	
	4.31 Ground clearance, laden, below mast	m1 (mm)		49		49	
Motors	4.34.1 Aisle width for pallets 1000 × 1200 crossways	Ast (mm)		2814 2839		2956 2956	
	4.34.2 Aisle width for pallets 800 × 1200 lengthways	Ast (mm)		2871 2902		3027 3027	
	4.35 Turning radius	Wa (mm)		1718 1718		1791 1791	
	4.37 Length across wheel arms	l7 (mm)		1848		1923	
	5.1 Travel speed, laden/unladen	km/h		6.5/7.0		6.5/7.0	
	5.2 Lift speed, laden/unladen	m/s		0.135/0.16		0.27/0.4	
	5.3 Lowering speed, laden/unladen	m/s		0.15/0.20		0.45/0.36	
	5.4 Reaching speed, laden/unladen	m/s		0.1 0.1		0.1 0.1	
	5.8 Max. gradeability, laden/unladen	%		5/12 5/12		5/12 5/12	
	5.10 Service brake	Electromagnetic		Electromagnetic		Electromagnetic	
Additional Data	6.1 Drive motor rating S2 60 min	kW		2.2 AC		3.0(AC)	
	6.2 Lift motor rating at S3 15%	kW		4.5 4.5		10.0(AC)	
	6.4 Battery voltage/nominal capacity K5	(V)/(Ah) or kWh		24/420(560)		36/700	
	6.5 Battery weight	kg		340(425)		810	
Additional Data	10.7 Sound pressure level at the driver's seat	dB (A)		75		75	
	1 Normal Lifting speed						
	2 Normal lowering speed						
	3 High Lifting speed (3 times higher than normal type)						
	4 High Lowering speed (3 times higher than normal type)						

DIMENSIONS



CQDH15C (single scissor)



CQDH15C (double scissors)

△ Subtract 200kg
With Sideshifter

