

Electric Fork Reach Truck



Model:
CQDH20C
Max. lift height:
11000mm

AC EPS



Advantages:

- SAFETY AND PRODUCTIVITY**
- Powered by a large AC drive motor, no need to replace carbonbrush, excellent inclined ramp starting performance.
 - EPS as standard, presenting a light and relaxing steering experience in every turn.
 - Two model function can control the speed of lift and lowering.
 - Low center of gravity, excellent stability during operation.
 - Small turning radius, good turning performance.
 - The speed of driving and lifting is controllable simultaneously.
 - Shock absorber system reduces the operation noise in great deal.
 - Wide view mast and clear visibility.
 - With full free lifting, able to work in confined space.
 - Imported proportional hydraulic valve, adjustable speed for lifting/lowering.
 - Multi-function display: battery status, hour meter, fault code, slowrunning state, etc.
 - 1000mm reaching distance with double scissors.
 - The mast fixed with the frame, when forks move forward, the mastbecomes the balance weight.
 - Advanced 36V electric control system, smaller electriccurrent , ensuring the reliability of the battery system.
 - High speed of lifting and lowering, 300% faster than normal typetruck.
- STRUCTURAL**
- Side way battery, easy to replace and service.
 - CANbus technology reduces wiring complexity, making the lineclear and orderly. increases the truck's reliability and easy torepair.
 - The Mast can be separate



Joystick Controller
Finger-operated joystick controller, designed for smooth and precise control of multiple functions.



Electric Power Steering
Electric Power Steering as standard feature, with smart steering wheel present a light and relaxing steering experience in operation.



Curtis controller and display
36volt CURTIS AC control system, smaller electric current to ensure the reliability of the battery system. Multi-function display for battery status, hour meter, fault code, slow running state, etc.



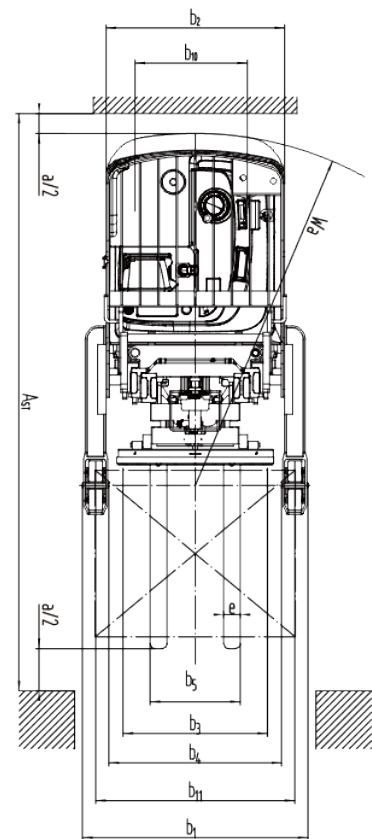
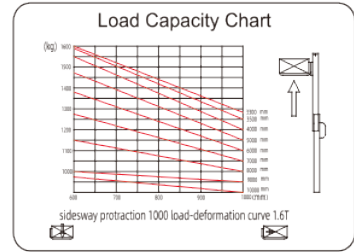
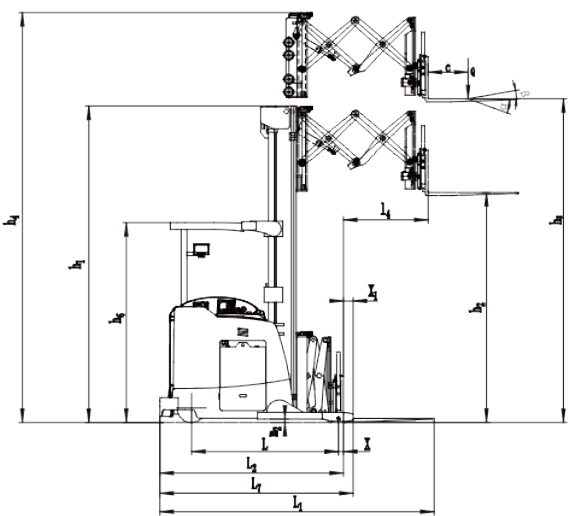
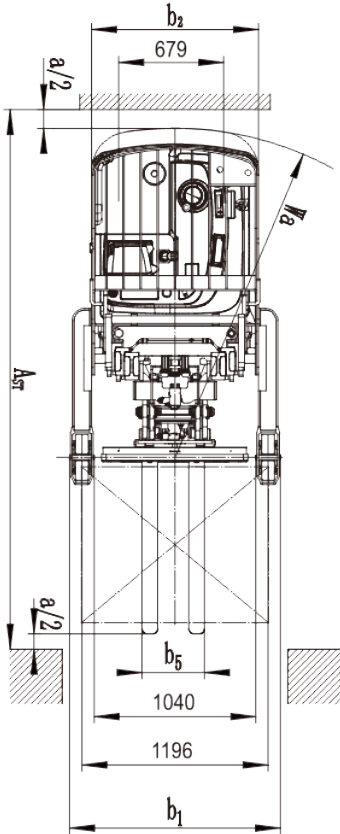
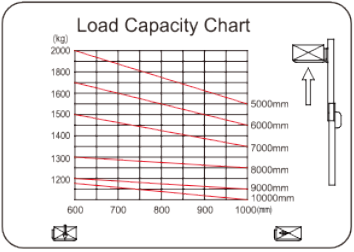
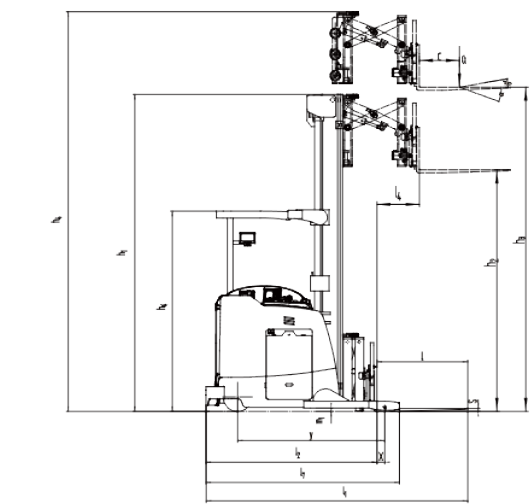
Heavy mast steel
C type heavy gauge mast steel from Germany, met with RUYI's structure design and construction delivers powerful performance and superior reliability.

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Electric Fork Reach Truck



DIMENSIONS



General Information	1.2	Manufacturer's type designation		CQDH20C (single scissor)	CQDH20C (double scissor)	CQDH20C (double scissor)
	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	Q (kg)	2000	1600	1600
	1.6	Load centre distance	c (mm)	600	600	600
	1.8	Load distance, centre of drive axle to fork	x (mm)	155	178	178
Weight	1.9	Wheelbase	y (mm)	1750	1720	1580
	2.1	Service weight	kg	4700/5000/5100/5200/5300/5600	4830/4930/5030/5130/5230/5330/5430/5530/5800	4430/4530/4630/4730/4830/4930
	2.3	Axle loading, unladen front/rear	kg	2000/3600	1880/3500	1710/3220
	2.4	Axle loading, fork advanced, laden front/rear	kg	4843/2757	4480/2550	4155/2375
	2.5	Axle loading, fork retracted, laden front/rear	kg	4643/2957	4295/2735	3990/2540
Tyres	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		Polyurethane	Polyurethane	Polyurethane
	3.2	Tyre size, front		φ 343×140	φ 343×140	φ 343×140
	3.3	Tyre size, rear		φ 125x82	φ 125x82	φ 125x82
	3.4	Additional wheels (dimensions)		φ 160x60	φ 160x60	φ 160x60
	3.5	Wheels, number front/rear (× = driven wheels)		1x+2/4	1x+2/4	1x+2/4
Dimensions	3.6	Tread, front	b10 (mm)	679	679	679
	3.7	Tread, rear	b11 (mm)	1196	1196	1196
	4.1	Tilt of mast/fork carriage forward/backward	a/b (°)	2/5	2/5	2/5
	4.2	Height, mast lowered	h1 (mm)	2365/2763/2933/3366/3743	2365/2522/2763/2933/3130/3368/3743	2365/2522/2763/2933/3130/3368/3743
	4.3	Free lift	h2 (mm)	1460/1858/2028/2460/2838	1225/1395/1720/1890/2170/2322/2756/3080/3250/3590	1225/1395/1720/1890/2170/2322/2756
	4.4	Lift	h3 (mm)	4500/6000/6500/7670/9000	4500/5000/6000/6500/7000/7700/9000/10000/10500/11500	4500/5000/6000/6500/7000/7700/9000
	4.5	Height, mast extended	h4 (mm)	5396/6896/7396/8570/9896	5500/6000/7000/7500/8000/8600/10000/11000/11500/12500	5500/6000/7000/7500/8000/8600/10000
	4.7	Height of overhead guard (cabin)	h6 (mm)	2362	2362	2362
	4.19	Overall length	l1 (mm)	2985/3034	2897	2757
	4.20	Length to face of forks	l2 (mm)	1915/1964	1827	1687
	4.21	Overall width	b1/b2 (mm)	1352/1070	1352/1070	1352/1070
	4.22	Fork dimensions DIN ISO 2331	s / e / l (mm)	40/100/1070	40/100/1070	40/100/1070
	4.23	Fork carriage ISO 2328, class/type A, B		2A	2A	2A
	4.24	Fork-carriage width	b3 (mm)	940	940	940
	Performance Data	4.25	Fork spread	b5 (mm)	200-680	200-680
4.26		Distance between wheel arms/loading surfaces	b4 (mm)	1036	1036	1036
4.28		Reach distance	l4 (mm)	500	1085	1085
4.31		Ground clearance, laden, below mast	m1 (mm)	40	50	50
4.34.1		Aisle width for pallets 1000 × 1200 crossways	As1 (mm)	3329/3500	3230	3090
4.34.2		Aisle width for pallets 800 × 1200 lengthways	As1 (mm)	3419/3520	3302	3162
4.35		Turning radius	Wa (mm)	2040/2145	2005	1865
4.37		Length across wheel arms	l7 (mm)	2284	2179	2039
5.1		Travel speed, laden/unladen	km/h	10.5/11.0	10.5/11.0	10.5/11.0
5.2		Lift speed, laden/unladen	m/s	0.29/0.29	0.29/0.29	0.29/0.29
Motors	5.3	Lowering speed, laden/unladen	m/s	0.45/0.45	0.45/0.45	0.45/0.45
	5.4	Reaching speed, laden/unladen	m/s	0.1	0.1	0.1
	5.8	Max. gradeability, laden/unladen	%	10/15	10/15	10/15
	5.10	Service brake		Electromagnetic	Electromagnetic	Electromagnetic
	6.1	Drive motor rating S2 60 min	kW	7.0(AC)	7.0(AC)	7.0(AC)
Additional Data	6.2	Lift motor rating at S3 15%	kW	14.0(AC)	14.0(AC)	14.0(AC)
	6.4	Battery voltage/nominal capacity K5	(V)/(Ah) or kWh	36/700(1000)	36/1000	36/1000
	6.5	Battery weight	kg	790(1200)	1200	810
	10.7	Sound pressure level at the driver's seat	dB (A)	75		75

Conforms to
EN ISO3691-1
EN 1175
EN 16307-1
EN 12100-1
EN 12053-2001
EN 13059-2002

* Option : (1) For 5-7M : Lithium battery 36V/500AH (Charger 36V/100A)
(2) For 9-10M : Lithium battery 36V/700AH (Charger 36V/200A)

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Electric Pallet Truck

Electric Stackler

Order Palleter

Narrow Aisle Truck

Electric Tow Tractor

Hand Pallet Truck

Manual Stackler

Lift Table