



Model **RRCQ** SINGLE SCISSORS

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.

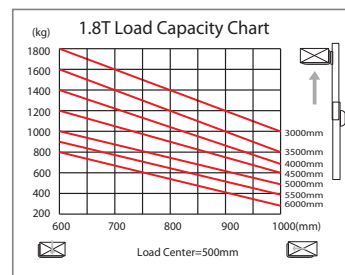
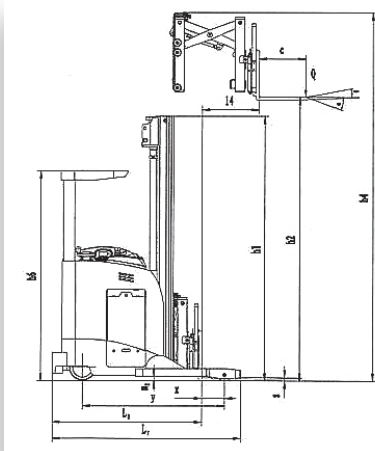
STRUCTURAL

- 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

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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 to fork	x(mm)	246	246
Tyre size, front	mm	280×82+160x60x2	280×82+160x60x2
Tyre size, rear	mm	125×82(4)	125×82(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. Lifting Height	h ₃ (mm)	3000/3500/4000	4500/5000/5500/6000
Height, mast extended	h ₄ (mm)	3900/4400/4900	5400/5900/6400/6900
Height of overhead guard	h ₆ (mm)	2246	2246
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	40/100/1070
Reach distance	l ₄ (mm)	500	500
Fork height, lowered	h ₈ (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 ₂ (mm)	49	49
Aisle width for pallets 1000x1200 crossways	A _{st} (mm)	3013	3013
Aisle width for pallets 800x1200 lengthways	A _{st} (mm)	3085	3085
Turning radius	W _a (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	36/700	36/700
Battery weight	kg	810	810
Battery dimensions L/w/h	mm	978x395x765	978x395x765
Service weight (with battery)	kg	3310/3360/3410	3550/3650/3750/3850



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