

## Model RR/RDCH

Max. lift height:  
**9000mm**

AC

EPS

### Advantages:

#### SAFETY AND PRODUCTIVITY

- Powered by a large AC drive motor, no need to replace carbon brush, 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, slow running state, etc.
- 1000mm reaching distance with double scissors.
- The mast fixed with the frame, when forks move forward, the mast becomes the balance weight.
- Advanced 36V electric control system, smaller electric current, ensuring the reliability of the battery system.
- High speed of lifting and lowering, 300% faster than normal type truck.

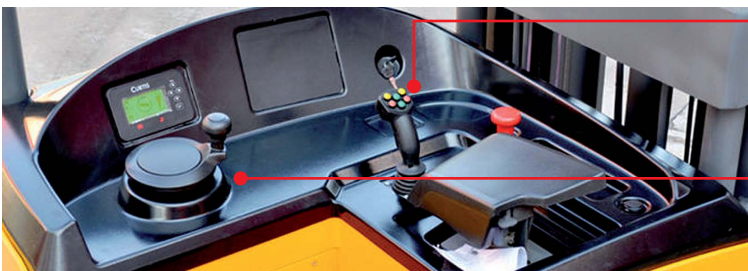
#### STRUCTURAL

- Side way battery, easy to replace and service,
- 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

#### 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.

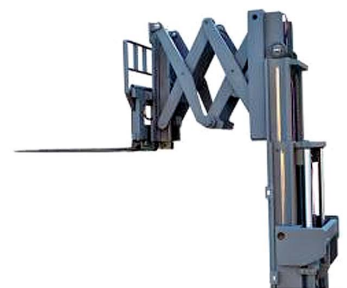


#### Joystick Controller

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.



#### 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.



## Model

## RR/RDCH (DOUBLE SCISSOR)

Drive type		Battery
Load capacity/rated load	Q(kg)	1600
Load centre distance	c(mm)	600
Load distance, centre of drive axle to fork	x(mm)	63
Tyre size, front	mm	343×140+160x60x2
Tyre size, rear	mm	125×82(4)
Wheels, number front rear (x=driven wheels)		1x+2/4
Mast/forks tilt forward/back	Grad	2/5
Height, lowered	h <sub>1</sub> (mm)	3743
Free lift	h <sub>2</sub> (mm)	2756
Max. Lift Height	h <sub>3</sub> (mm)	9000 (triplex mast)
Height , mast extended	h <sub>4</sub> (mm)	10104
Height of overhead guard	h <sub>6</sub> (mm)	2362
Overall width	b <sub>1</sub> /b <sub>2</sub> (mm)	1070
Overall length	l <sub>1</sub> (mm)	3250
Length to face of forks	l <sub>2</sub> (mm)	2180
Fork Dimension	s/e/l(mm)	40/100/1070
Reach distance	l <sub>4</sub> (mm)	1000
Width overall forks	b <sub>1</sub> (mm)	200-920
Wheelbase ground distance	m <sub>2</sub> (mm)	40
Aisle width for pallets 1000x1200 crossways	Ast(mm)	3609
Aisle width for pallets 800x1200 lengthways	Ast(mm)	3667
Turning radius	Wa(mm)	2145
Travel speed, laden/unladen	K m/h	10.5/11
Lift speed, laden/unladen	m/s	0.297/0.403
Lowering speed, laden/unladen	m/s	0.468/0.489
Battery voltage, nominal capacity K5	V/Ah	36/1000
Battery weight	kg	1200
Battery dimensions	mm	978x537x765
Service weight (with battery)	kg	5800

