

## Model **SCB15S-E**

One Rear Driving Wheel



AC

### Advantages:

1. Using Ruyi self developed rear wheel driven design, with stable quality, small turning radius, and very good pass through abilities.
2. Rated capacity is 1500kg with side shift. All panels use steel plate with compact appearance and good durability.
3. All panels and covers are made by steel, they are in good durability.
4. With Sideway battery moving system, it is easy for battery changing.
5. Two lifting cylinder on both side of mast, ensure good visibility and high stability.
6. Using rubber wheel with good shock proof, low noise suitable for indoor and outdoor use on different ground.
7. Rear driving system, smart design with small turning radius and goods pass through, have good performance.
8. Use AC motor without brush, free of maintenance.
9. High gradeability up to 10% with full laden.
10. The electric brake is used as the parking brake, which is easy to operate and safe.
11. Use hydraulic power steering is for light steering, have the function of steering priority.
12. Have option of cold -storage, full AC control system.

## MODEL

## SCB15S-E

Drive		Rear Wheel Drive
Operation type		Seated
Capacity/rated load	Q(kg)	1500
Load centre distance	c(mm)	500
Load distance, centre of drive axle to fork	x(mm)	170
Wheelbase	y(mm)	1348
Service weight (without battery)	Kg	2500
Axle loading, laden front/rear	Kg	3280/710
Axle loading, unladen front/rear (with max battery)	Kg	975/1525
Tyre size, front	Super elastic solid tires	305 x 140
Tyre size, rear	Super elastic solid tires	285 x 160
Wheels, number front		2
Wheels, number rear		1
Tread front	b10(mm)	912
Tread rear	b11(mm)	0
Tilt of mast/fork carriage forward		2
Tilt of mast/fork carriage backward		5
Height mast lowered	h1(mm)	1980 (3m)
Free lift	h2(mm)	Option
Lift height	h3(mm)	2500-5600
Height mast extended	h4(mm)	3500-6600
Overall width	b1(mm)	1055
Fork thickness	s(mm)	35
Fork width	e(mm)	100
Fork length	l (mm)	950 (1070)
Fork carriage DIN 1573, class/type A,B		A
Fork-carriage width	b3(mm)	680
Ground clearance, laden, below mast	m1(mm)	68
Ground clearance, centre of wheelbase	m2(mm)	68
Aisle width for pallets 1000 x 1200 crossways	Ast(mm)	3050
Aisle width for pallets 800 x 1200 lengthways	Ast(mm)	3150
Turning radius	Wa(mm)	1550
Travel speed, laden/unladen	Km/h	6.8/7
Lift speed, laden/unladen	mm/s	100/150
Climbing capacity laden/unladen	%	10/10
System pressure	bar	140
Battery voltage	V	24
Battery capacity	Ah	320(400)
Battery weight	kg	300
Sound level at the drivers ear acc.to DIN 12053	dB (A)	68

