

# RSB202

## Li-ion Stacker with Foldable Platform 2000kg



Let's grow together



- Suitable for goods transportation in medium-size warehouses with the travel speed of 6km/h (unladen) and max lifting height of 3.9m
- New mast structure ensures optimized stability even at high lifting heights
- Electronic power steering provides smooth and easy turning operation
- Standard lithium batteries with an integrated charger grants work efficiency
- Foldable platform and compact body size for maneuverability in narrow aisles
- The proportional lifting function for precise and gentle stacking
- Shock-absorbing platform and arm guards ensure a safer and more comfortable ride

Manufacturer			EP
Model designation			RSB202
Drive			Electric
Load capacity	Q	kg	2000
Load center distance	c	mm	600
Service weight		kg	940
Retracted mast height	h1	mm	1900
Lift height	h3	mm	2912
Height, mast extended	h4	mm	3470
Length to face of forks	l2	mm	850
Overall width	b1/b2	mm	850
Fork dimensions	s/e/l	mm	65×185×1150
Turning radius	Wa	mm	1620
Max. gradeability, laden/unladen		%	8/16
Travel speed, laden/unladen		km/h	5.5/6
Lifting speed, laden/unladen		m/s	0.12/0.2
Lowering speed, laden/unladen		m/s	0.3/0.2
Battery voltage/nominal capacity		V/Ah	24/100



## FEATURE

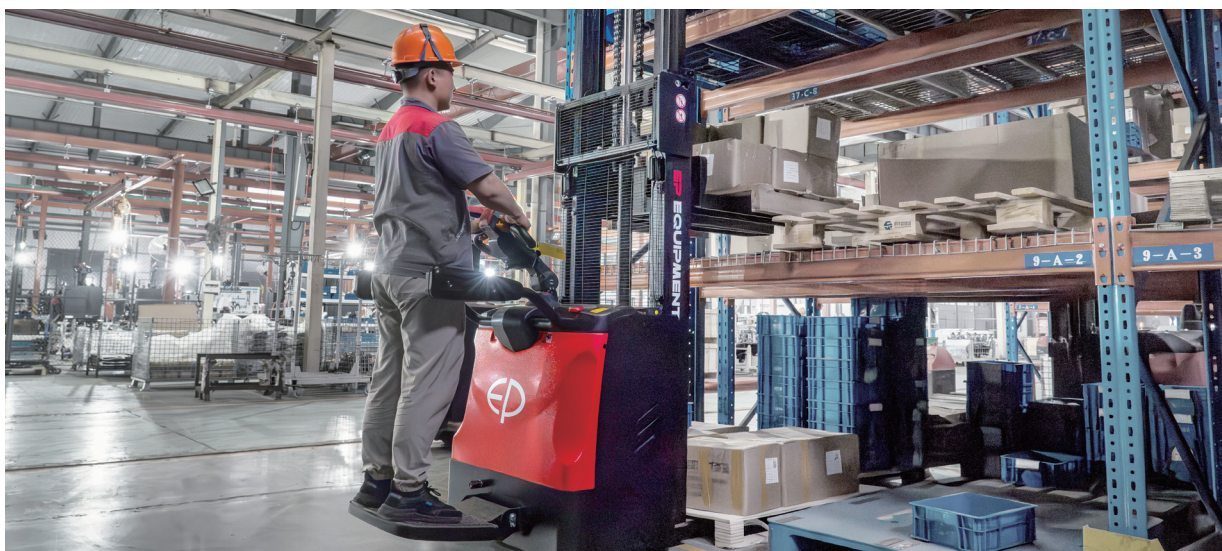
### ■ Stability and Durability

The RSB202 features a brand-new H-beam mast structure and increases the overall strength and rigidity, providing great stability even when elevated to its maximum height of 3.9 meters.



### ■ Effortless Operation and Precise Control

Electronic Power Steering (EPS) provides a light and precise response, reducing steering strains and offering easy turning even in narrow spaces. Furthermore, the proportional lifting function allows for fine-tuned control, enabling operators to position loads with utmost accuracy and gentleness, which protects fragile goods from collisions or shock.



### ■ Comfortable Operator Experience

The RSB202 features a foldable, shock-absorbing platform and arm guards for a secure and comfortable driving experience. Plus its travel speed of 6km/h (unladen), it's helpful when transporting pallets in medium-size warehouses.



### ■ Lithium-ion Technology

The RSB202 is equipped with 24V/100Ah lithium battery and an integrated charger as standard. Its opportunity charging, longer lifespan and zero maintenance features reduce downtime and daily operation costs for productivity boost.

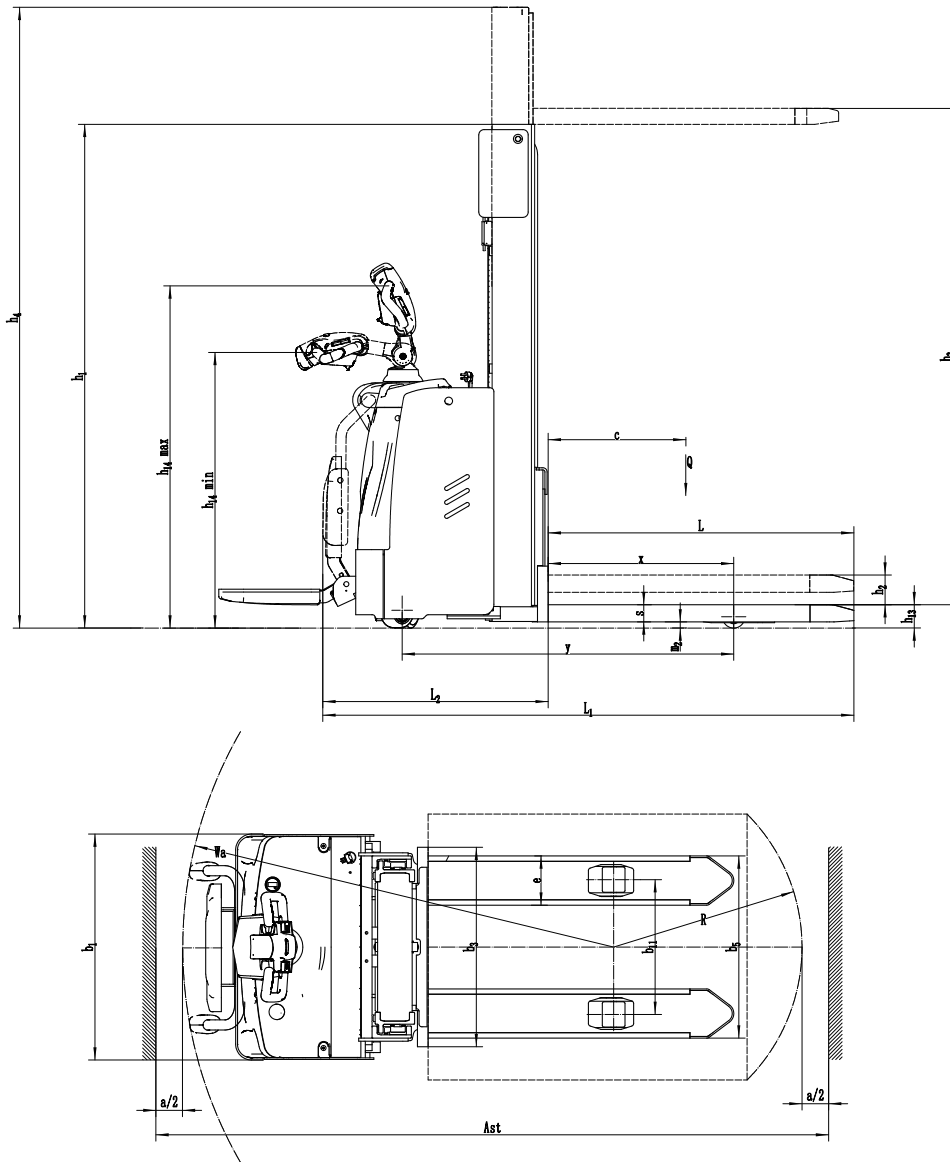


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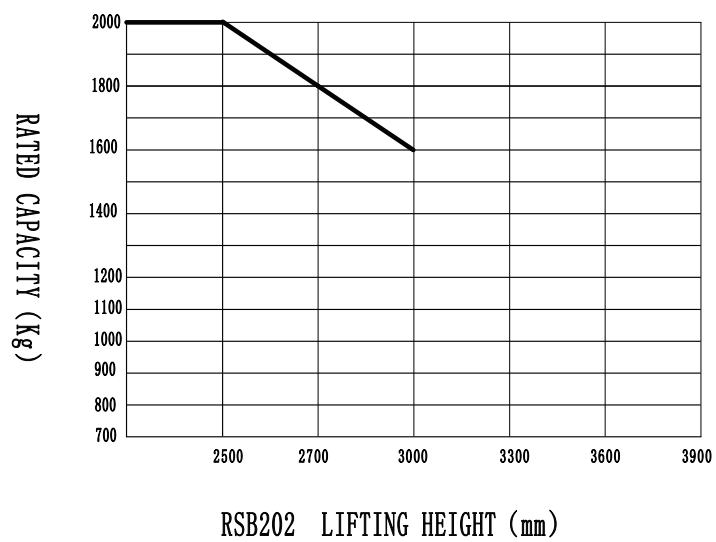
## RSB202

Distinguishing mark	1.1	Manufacturer			EP
	1.2	Model designation			RSB202
	1.3	Drive			Electric
	1.4	Operator type			Standing
	1.5	Load capacity	Q	kg	2000
	1.6	Load center distance	c	mm	600
	1.8	Load distance, centre of drive axle to fork	x	mm	690
	1.9	Wheelbase	y	mm	1256
	2.1	Service weight		kg	940
Service weight	2.2	Axle loading, laden front/rear		kg	1000/1940
	2.3	Axle loading, unladen front/rear		kg	657/270
	3.1	Tyre type			PU
Tyres/chassis	3.2.1	Tyre size, front		mm	230×75
	3.3.1	Tyre size, rear		mm	85×70
	3.4	Additional wheels (castor wheels)		mm	130×55
	3.5	Wheels, number front/rear (x=drive wheels)		mm	1x, 1/4
	3.6.1	Tread width, front	b <sub>10</sub>	mm	608
	3.7.1	Tread width, rear	b <sub>11</sub>	mm	507
	4.0	Max. Lift Height	H	mm	3000
Dimensions	4.2	Retracted mast height	h <sub>1</sub>	mm	1900
	4.4	Lift height	h <sub>3</sub>	mm	2912
	4.5	Height, mast extended	h <sub>4</sub>	mm	3470
	4.9	Height of tiller handle in drive position min./max.	h <sub>14</sub>	mm	1040/1290
	4.15	Lowered height	h <sub>13</sub>	mm	88
	4.19	Overall length	l <sub>1</sub>	mm	2000
	4.20	Length to face of forks	l <sub>2</sub>	mm	850
	4.21	Overall width	b <sub>1</sub> /b <sub>2</sub>	mm	850
	4.22	Fork dimensions	s×e×l	mm	65×185×1150
	4.25	Fork spread	b <sub>5</sub>	mm	685
	4.31	Ground clearance, laden, below mast	m <sub>1</sub>	mm	25
	4.32	Ground clearance, center of wheelbase	m <sub>2</sub>	mm	25
	4.34.1	Aisle width for pallets 1000×1200 crossways	A <sub>st</sub>	mm	2530
	4.34.2	Aisle width for pallets 800×1200 lengthways	A <sub>st</sub>	mm	2430
	4.35	Turning radius	W <sub>a</sub>	mm	1620
Performance data	5.1	Travel speed, laden/unladen		km/h	5.5/6
	5.2	Lifting speed, laden/unladen		m/s	0.12/0.2
	5.3	Lowering speed, laden/unladen		m/s	0.3/0.2
	5.8	Max. gradeability, laden/unladen		%	8/16
	5.10	Service brake			Electromagnetic
Electric-engine	6.1	Drive motor rating S2 60 min		kW	1.6
	6.2	Lift motor rating at S3 15%		kW	3
	6.4	Battery voltage/nominal capacity		V/Ah	24/100
	6.5	Battery weight		kg	40
	8.1	Type of drive control			AC
Addition data	10.5	Steering design			Electronic
	10.7	Sound pressure level at the driver's ear		dB(A)	74
	15.1	Charger output current		A	30

If there are improvements of technical parameters or configurations, no further notice will be given.  
The diagram shown may contain non-standard configurations.



RATED CAPACITIES GRAPH



## Mast Option

Mast types	Lift height h3+h13 (mm)	Height, mast lowered h1 (mm)	Free lift h2 (mm)	Height, mast extended h4 (mm)
2-Stage Single Cylinder Mast	2500	1815	\	3015
	2700	1915	\	3215
	3000	2065	\	3515
	3300	2215	\	3815
	3600	2365	\	4115
	3900	2515	\	4415

## Option

No.	Optional items	RSB202
1.1	Fork dimension	●1150*685
1.3	Load backrest height	●388mm
2.1	Load wheel type	●Single
2.2	Load wheel material	●PU
2.3	Drive wheel material	●PU○Rubber
2.4	Battery capacity	●24V/100Ah Li-ion○24V/205Ah Li-ion
2.5	Charger	●24V-30A Integrated charger ○24V -100A External charger
2.6	Battery indicator	● With hourmeter (Bluetooth)
3.2	Castor wheels	●Yes and not customized
3.13	Operator identification device	●No○Card reader
3.14	Lifting electronic limit	●Yes and not customized
3.15	Lifting and lowering function	●Proportional lifting
4.1	Battery side pull function	●No
5.2	Charger base	● No
Note: ●Standard ○ Optional - Inconformity		