



Let's grow together

# RSC082/122

## Electric Counterbalance Stacker 800/1200kg

- Universal stacker for all kind of pallets, box and cages
- Proportional lifting system offering utmost precision
- Foldable platform for long travelling without operator effort
- High ground clearance for smooth travel on uneven surfaces
- Compact size for great maneuverability



Manufacturer			EP	EP
Model designation			RSC082	RSC122
Drive			Electric	Electric
Load capacity	Q	kg	800	1200
Load center distance	c	mm	400	400
Service weight			1760	1890
Retracted mast height	h1	mm	2061	2061
Lift height	h3	mm	3000	3000
Length to face of forks	l2	mm	1334	1598
Overall width	b1/b2	mm	900	900
Fork dimensions	s/e/l	mm	35*100*1070	35*100*1070
Turning radius	Wa	mm	1250	1510
Max. gradeability, laden/unladen			5/8	5/8
Travel speed, laden/unladen			5.5/6	5/6
Lifting speed, laden/unladen			0.13/0.2	0.13/0.2
Lowering speed, laden/unladen			0.16/0.15	0.16/0.15
Battery voltage/nominal capacity			24/210	24/210



## FEATURE

### ■ Universal for various size of pallets

The RSC series provides all the versatility for various kinds of pallets and loads and operators are allowed to transport loads of special sizes. This can help accelerate goods circulation and improves productivity. Besides, the RSC122 offers sensitive mast tilting as standard, which delivers more convenience to pallet stacking, compared to regular stackers.



### ■ Proportional lifting system offering utmost precision

The RSC series comes with the proportional lifting system as standard and enables the operator to stack and retrieve pallets more precisely and gently in multi-level racking.





■ High ground clearance for smooth travel on uneven surfaces

The RSC series offers a high ground clearance 116mm, which makes it easy to travel on uneven surfaces.



■ Compact size for great maneuverability

The RSC082/122 features a compact size, with the turning radius 1250/1510mm, and it can navigate the narrow aisles easily in confined warehouse areas.



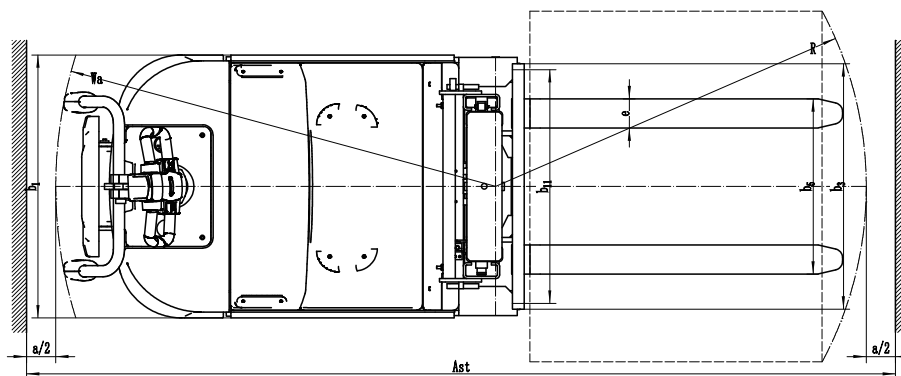
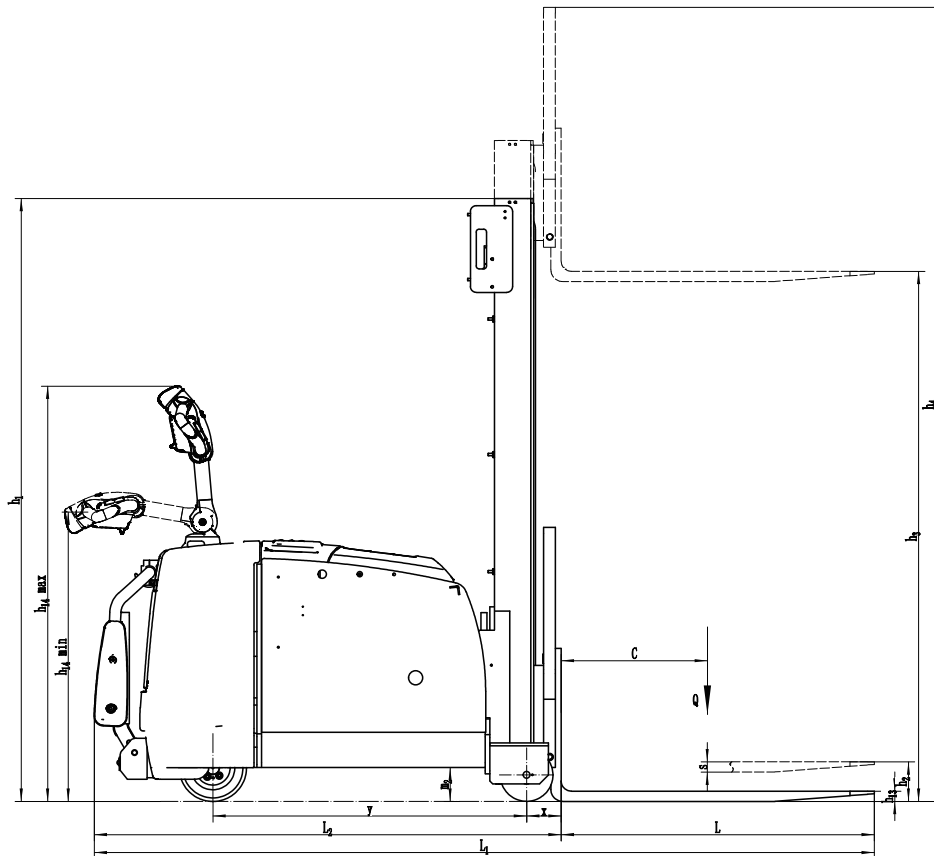
# Electric Counterbalance Stacker 800/1200kg

## RSC082/122

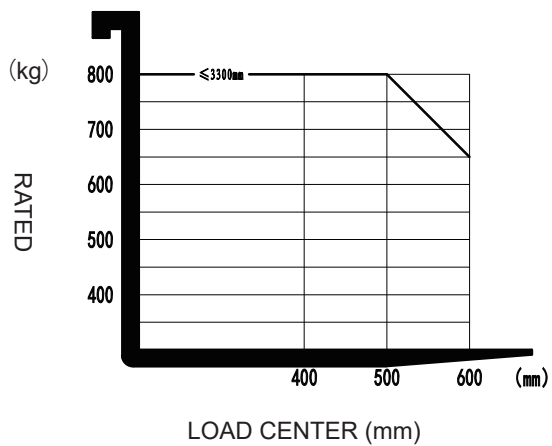
Distinguishing mark	1.1	Manufacturer			EP	EP
	1.2	Model designation			RSC082	RSC122
	1.3	Drive			Electric	Electric
	1.4	Operator type			Pedestrian	Pedestrian
	1.5	Load capacity	Q	kg	800	1200
	1.6	Load center distance	c	mm	400	500
	1.8	Load distance, centre of drive axle to fork	x	mm	118	118
	1.9	Wheelbase	y	mm	810	1074
	Service weight	2.1	Service weight		kg	1760
2.2		Axle loading, laden front/rear		kg	570/1990	420/2670
2.3		Axle loading, unladen front/rear		kg	1180/580	1110/780
Tyres/chassis	3.1	Tyre type			Polyurethane	Polyurethane
	3.2	Tyre size, front			230×90	230×90
	3.3	Tyre size, rear			180×65	180×65
	3.5	Wheels, number front/rear (x=drive wheels)		mm	1x/2	1x/2
	3.6	Tread width, front	b <sub>10</sub>	mm	\	\
	3.7	Tread width, rear	b <sub>11</sub>	mm	778	778
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	$\alpha/\beta$	°	\	\
	4.2	Retracted mast height	h <sub>1</sub>	mm	2061	2061
	4.3	Free lift	h <sub>2</sub>	mm	\	\
	4.4	Lift height	h <sub>3</sub>	mm	3000	3000
	4.5	Height, mast extended	h <sub>4</sub>	mm	3908	3908
	4.7	Height of overhead guard (cabin)	h <sub>6</sub>	mm	\	\
	4.8	Seat height/standing height	h <sub>7</sub>	mm	148	148
	4.12	Tow coupling height	h <sub>10</sub>	mm	\	\
	4.19	Overall length	l <sub>1</sub>	mm	2404	2668
	4.20	Length to face of forks	l <sub>2</sub>	mm	1334	1598
	4.21	Overall width	b <sub>1</sub> /b <sub>2</sub>	mm	900	900
	4.22	Fork dimensions	s×e×l	mm	35×100×1070	35×100×1070
	4.23	A,B Fork carriage class/type A, B			2A	2A
	4.24	Fork carriage width	b <sub>3</sub>	mm	620	620
	4.31	Ground clearance, laden, below mast	m <sub>1</sub>	mm	60	60
	4.32	Ground clearance, center of wheelbase	m <sub>2</sub>	mm	116	116
	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2719	2979
4.34.2	Aisle width for pallets 800×1200 lengthways	Ast	mm	2828	3088	
4.35	Turning radius	Wa	mm	1250	1510	
Performance data	5.1	Travel speed, laden/unladen		km/h	5.5/6	5.5/6
	5.2	Lifting speed, laden/unladen		m/s	0.13/0.2	0.13/0.2
	5.3	Lowering speed, laden/unladen		m/s	0.16/0.15	0.16/0.15
	5.5	Drawbar pull, laden/unladen		N	\	\
	5.6	Max. drawbar pull, laden/unladen		N	\	\
	5.8	Max. gradeability, laden/unladen		%	\	\
	5.10	Service brake			Electromagnetic	Electromagnetic
5.11	Parking brake			Electromagnetic	Electromagnetic	
Electric-engine	6.1	Drive motor rating S2 60 min		kW	1.6	1.6
	6.2	Lift motor rating at S3 15%		kW	2.2	2.2
	6.4	Battery voltage/nominal capacity		V/Ah	24V210AH	24V210AH
	6.5	Battery weight		kg	190	190
	6.6	Energy consumption according to DIN EN 16796		kWh/h	\	\
	6.7	Turnover output according to VDI 2198		t/h	\	\
	6.8	Turnover efficiency according to VDI 2198		t/kWh	\	\
Drive/lift mechanism	8.1	Type of drive control			AC	AC
	10.1	Operating pressure for attachments		bar	\	\
	10.2	Oil flow for attachments		l/min	\	\
	10.5	Steering design			Electronic	Electronic
	10.7	Sound pressure level at the driver's ear		dB(A)	74	74
	15.1	Charger output current		A	30	30

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

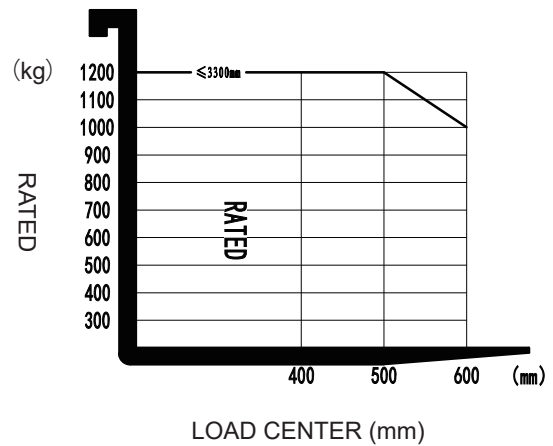




**RSC082**  
**RATED CAPACITIES GRAPH**



**RSC122**  
**RATED CAPACITIES GRAPH**



# Mast Options

Mast types	Lift height ( h3 )	Height, Mast		
		Height, mast lowered(h1)	Height, mast extended(h4)	
	mm		mm	No backrest mm
2-Standard Mast	2000	1561	2546	2908
	2500	1811	3046	3408
	2700	1911	3246	3608
	3000	2061	3546	3908
	3300	2211	3849	4211

## Option

No.	Optional items	RSC082	RSC122
1.1	Fork dimension	○900*600、2A、100*35*920 ●900*600、2A、100*35*1070 ○900*600、2A、100*40*1150 ○900*600、2A、100*40*1220 ○900*600、2A、100*40*1370 ○900*600、2A、100*40*1520	○900*600、2A、100*35*920 ●900*600、2A、100*35*1070 ○900*600、2A、100*40*1150 ○900*600、2A、100*40*1220 ○900*600、2A、100*40*1370 ○900*600、2A、100*40*1520
1.3	Fork lowered height	●60	●60
1.4	Fork carriage width	●620	●620
1.5	backrest height	●762	●762
2.2	Load wheel material	●PU	●PU
2.3	Drive wheel material	●PU	●PU
2.7	Battery capacity	●210Ah○205Ah (Li-ion)	●210Ah○205Ah (Li-ion)
2.8	Charger	●24V-30A External (Lead Acid) ○24V-100A External (Li-ion)	●24V-30A External (Lead Acid) ○24V-100A External (Li-ion)
2.9	Battery indicator	●With time (Bluetooth)	●With time (Bluetooth)
2.11	Attachments	●No	●No
3.1	Foldable fork	●No○Yes and can be customized	●No○Yes and can be customized
3.3	Castor wheels	●No	●No
3.4	Water auto-filling system	●No○Yes and not customized	●No○Yes and not customized
3.7	Warning lamp	●No○Yes and not customized	●No○Yes and not customized
3.9	Blue lamp	●No○Yes and not customized	●No○Yes and not customized
3.10	Area warning lamp	●No○Yes and not customized	●No○Yes and not customized
3.12	Hummer	●No○Yes and not customized	●No○Yes and not customized
3.16	Vertical handler working	●No	●No
3.19	USB interface	●No	●No
3.23	Remote monitoring	●No○Yes and not customized	●No○Yes and not customized
3.24	swipe card device	●No○Yes and not customized	●No○Yes and not customized
4.1	Pin Code	●No○Yes and not customized	●No○Yes and not customized
4.2	Side supports	○No●Yes and not customized	○No●Yes and not customized
4.5	Foldable pedals	○No●Yes and not customized	○No●Yes and not customized
4.6	The British standard cannot walk when charged	●No	●No
4.7	Battery side pull function	●No	●No
4.8	Cold storage	●No	●No
4.9	Proportional lift system	●Yes and not customized	●Yes and not customized
4.10	Forks tilt forward and backward	●No○Yes and not customized	●Yes and not customized
4.11	Overhead guard	●No	●No

Note: ●Standard ○ Optional - Inconformity