

RSC202

ELECTRIC COUNTERBALANCE STACKER 2.0T

 2000 kg  3000 mm  24 V Lead Acid/Li-ion



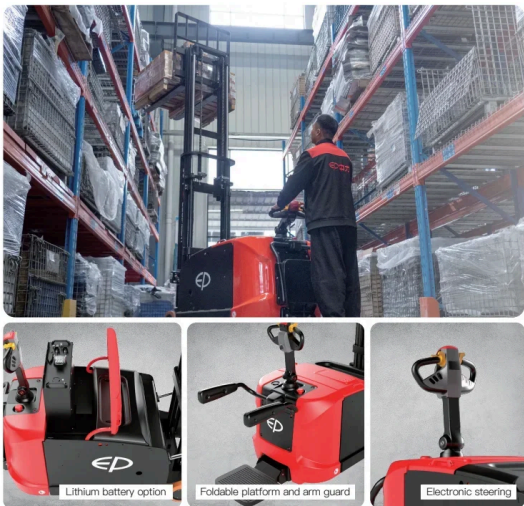
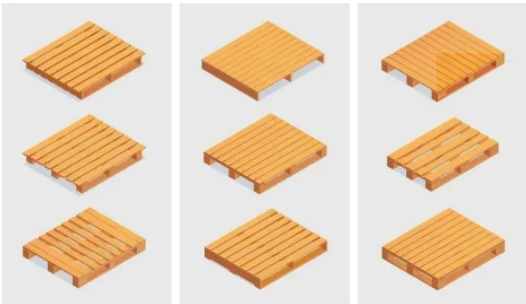
The RSC202 is ideal for warehouses, manufacturing sites, and distribution centers requiring flexible handling of closed pallets, cages, and oversized loads. Its counterbalance design allows it to handle non-standard pallets that straddle stackers cannot manage. With electronic steering, foldable platform and arm guards, and optional Li-ion power, the RSC202 adapts easily to both confined warehouse aisles and longer travel distances.

SPECIFICATION	REF	UNIT	VALUE
Manufacturer			EP
Model designation			RSC202
Battery voltage		V	24
Rated capacity	Q	kg	2000
Load centre distance	c	mm	500
Service weight		kg	2480
Height, mast lowered	h_1	mm	2018
Lift	h_3	mm	3000
Height, mast extended	h_4	mm	3915
Overall length	l_1	mm	3178
Overall width	b_1/b_2	mm	900
Length to face of forks	l_2	mm	2018
Fork dimensions	s/e/l	mm	40×122×1070
Turning radius	Wa	mm	1915
Drive			Electric
Operator type			Pedestrian

Features

Universal counterbalance design

Handles closed pallets, oversized loads, and irregular carriers that cannot be managed by straddle stackers, offering unmatched operational flexibility.



Proportional lift & mast tilt

The proportional lifting system ensures precise and gentle load placement, while mast tilt adds control and convenience for stacking in multi-level racking.

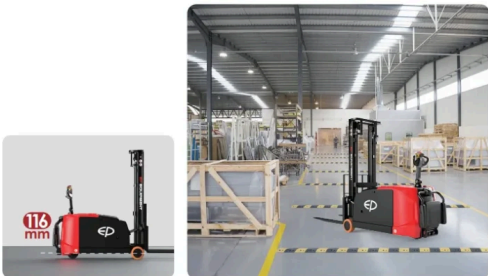
Compact and stable operation

With a turning radius of just 1915 mm and a ground clearance of 116 mm, the RSC202 combines agility in narrow aisles with smooth performance on uneven floors.



Flexible energy and options

Standard with a 24V/280Ah battery, the RSC202 can be upgraded to higher capacity or Li-ion packs. Options include telematics, warning lights, PIN-code access, and foldable operator platform for greater adaptability.

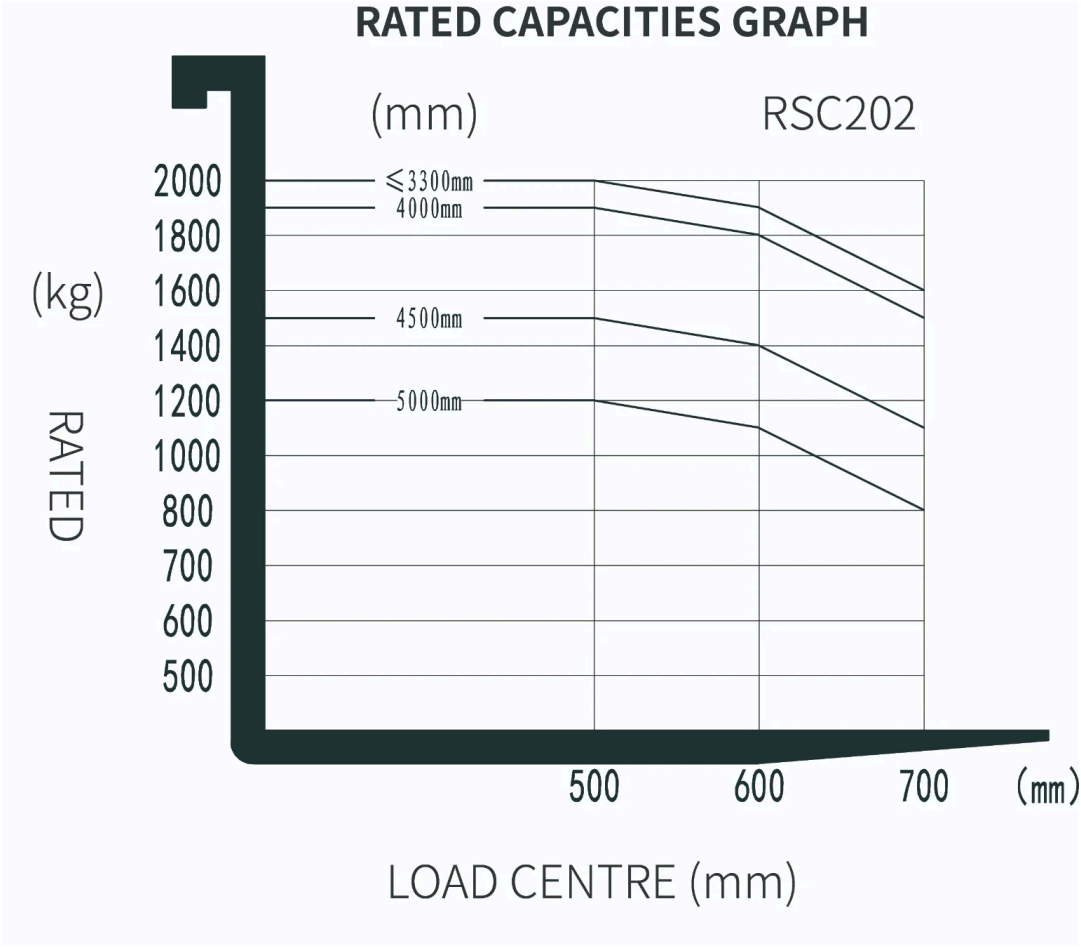


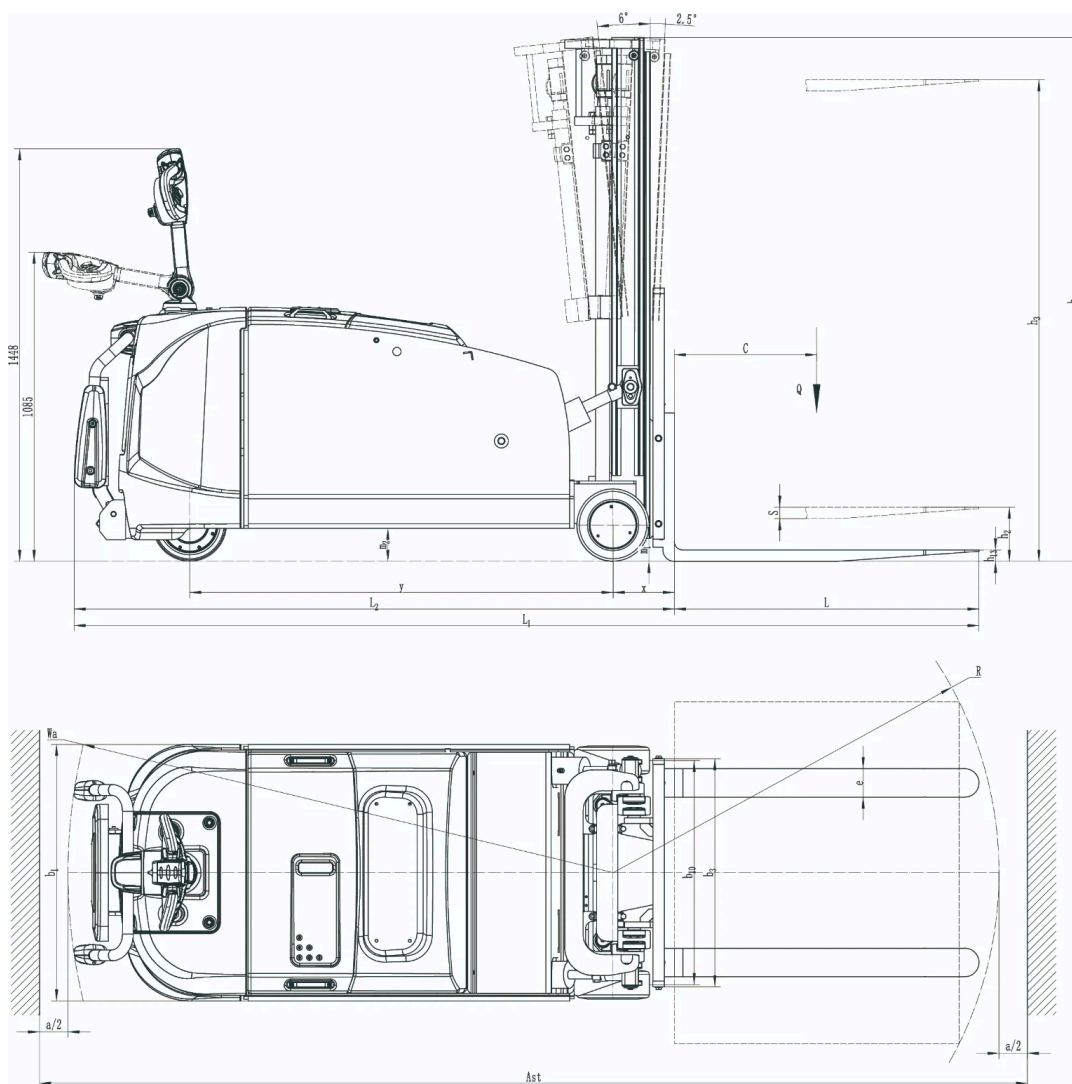
VDI Chart

SPECIFICATION		REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			RSC202
1.3	Drive			Electric
1.4	Operator type			Pedestrian
1.5	Rated capacity	Q	kg	2000
1.6	Load centre distance	c	mm	500
1.8	Load distance, centre of drive axle to fork	x	mm	215
1.9	Wheelbase	y	mm	1487
2.1	Service weight		kg	2480
2.2	Axle loading, laden front/rear		kg	460/3520
2.3	Axle loading, unladen front/rear		kg	1460/1020
3.1	Tyres			Polyurethane
3.2	Tyre size, front		mm	260×105
3.3	Tyre size, rear		mm	254×102
3.5	Wheels, number front/rear (x=drive wheels)			1x,/2
3.6	Tread width, front	b ₁₀	mm	-
3.7	Tread width, rear	b ₁₁	mm	787
4.1	Tilt of mast/fork carriage forward/backward	α/β	°	1.5/7
4.2	Height, mast lowered	h ₁	mm	2018
4.3	Free lift	h ₂	mm	150
4.4	Lift	h ₃	mm	3000
4.5	Height, mast extended	h ₄	mm	3915
4.8	Seat height relating to SIP/stand height	h ₇	mm	148
4.15	Height, lowered	h ₁₃	mm	60
4.19	Overall length	l ₁	mm	3178
4.20	Length to face of forks	l ₂	mm	2018
4.21	Overall width	b ₁ /b ₂	mm	900
4.22	Fork dimensions	s/e/l	mm	40×122×1070
4.23	Fork carriage ISO 2328, class/type A, B			2A
4.24	Fork carriage width		mm	800
4.25	Distance between fork-arms	b ₅	mm	800
4.31	Ground clearance, laden, below mast		mm	80

SPECIFICATION		REF	UNIT	VALUE
4.32	Ground clearance, centre of wheelbase	m ₂	mm	116
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	3478
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	3588
4.35	Turning radius	Wa	mm	1915
5.1	Travel speed, laden/unladen		km/h	5.5/6
5.2	Lift speed, laden/unladen		m/s	0.10/0.16
5.3	Lowering speed, laden/unladen		m/s	0.19/0.16
5.8	Max. gradeability, laden/unladen		%	5/6
5.10	Service brake			Electromagnetic
5.11	Parking brake			Electromagnetic
6.1	Drive motor rating S2 60 min		kW	3.3
6.2	Lift motor rating at S3 15%		kW	3.0
6.4.1	Battery voltage		V	24
6.4.2	Battery nominal capacity K5		Ah	210
6.4.3	Battery type			Lead Acid/Li-ion
6.5	Battery weight		kg	190
6.6	Energy consumption according to DIN EN 16796		kWh/h	1.904
6.7	Turnover output according to VDI 2198			34
6.8	Turnover efficiency according to VDI 2198			41.21
8.1	Type of drive unit			AC
10.7	Sound pressure level at the driver's seat		dB(A)	74
15.1	Charger output current		A	30

Subject to modification of specifications and designs without prior notice as part of continuous product improvement. Images and technical data shown may include optional features and are provided for reference only. All dimensions are subject to standard manufacturing tolerances.





Mast Options

MAST TYPE	LIFT HEIGHT (H3, MM)	MAST LOWERED HEIGHT (H1, MM)	MAST EXTENDED HEIGHT, WITH BACKREST (H4, MM)	HEIGHT, FREE LIFT, WITH SHELVEING (H2, MM)
2-Standard Mast	2600	1838	3555	3555
2-Standard Mast	3000	2018	3915	3915
2-Standard Mast	3200	2118	4115	4115
2-Standard Mast	3600	2303	4505	4505
2-Standard Mast	3900	2453	4805	4805
3-Free Mast	4000	1822	4915	4915
3-Free Mast	4500	2022	5415	5415
3-Free Mast	4800	2122	5715	5715
3-Free Mast	5000	2187	5915	5915

Options

ITEM	OPTIONS (optional items marked in yellow)
Fork dimension	1250*500 2A 122*40*1070 1250*500 2A 122*40*1150 1250*500 2A 122*40*1220 1250*500 2A 122*40*1370 1250*500 2A 122*40*1500
Fork lowered height	60
Fork carriage width option	780 915 1067 1220
Backrest height	915 (36in) 1220 (48in)
Load wheel material	PU
Drive wheel material	PU
Battery capacity	280Ah 345Ah 205Ah (Li-ion)
Charger	24V-30A External (Lead Acid) 24V-50A External (Lead Acid) 24V-50A External (Li-ion) 24V-100A External (Li-ion)
Battery indicator	With hourmeter (Bluetooth)
Attachments	No External shifter Fork positioner
Water auto-filling system	No Yes and not customized
Area warning lamp	No Yes and not customized
Rearview mirror	No
Buzzer	No Yes and not customized
Telematics	No Yes and not customized
Proportional lift system	Yes and not customized
Forks tilt forward and backward	Yes and not customized
Foldable pedals	No Yes and not customized
Pin code	No Yes and not customized
Side supports	No Yes and not customized
Swipe card device	No Yes and not customized