



RPL201Z/201HZ RPL251/301

2.0/2.5/3.0 ton electric carrier

- More accurate working mechanism;
- Moving parts are more wear-resistant;
- More stable driving operation;
- More convenient maintenance.

Product features



01 The working mechanism is more accurate

- Sliding block movement structure, one - time full shaft processing technology, to ensure higher accuracy.

02 Moving parts wear better

- Special pin material and heat treatment process, customized shaft sleeve, so that the key moving parts longer life.

03 Easy maintenance

- Use maintenance-free bushing;
- Reduce bolt dead Angle, easy to disassemble;
- Set screws are replaced with spring pins.

04 More stable ride operation

- Double string drive wheel floating structure, small clearance, strong impact resistance.



Product parameters

Features						
1.1	Brand			Xinxu		Xinxu
1.2	Model		RPL201Z	(Lithium battery)	RPL201HZ	(Lithium battery)
1.3	Power form			Electric		Electric
1.4	Type of operation			Station ride		Station ride
1.5	Load	Q	kg	2000		2000
1.6	Load center distance	c	mm	600		600
1.8	Load length	x	mm	916	986	916
1.9	Wheelbase	y	mm	1414	1484	1414
Weight						
2.1	Dead weight (including battery)		kg	630		630
2.2	Axle load, full load driving end/bearing end	kg		1020 / 1610		1020 / 1610
2.3	Axle load, no load driving end/bearing end	kg		500 / 130		500 / 130
Tire, chassis						
3.1	Tire type, drive wheel/carrier wheel			Polyurethane/polyurethane		Polyurethane/polyurethane
3.2	Driving wheel size (diameter × width)	mm		Φ230x75		Φ230x75
3.3	Bearing wheel size (diameter × width)	mm		Φ85x70 / Φ83x115		Φ85x70 / Φ83x115
3.4	Balance wheel size (diameter × width)	mm		Φ130x55		Φ130x55
3.5	Number of driving wheels, balancing wheels/bearing wheels (x= driving wheels)	mm		1 x +2 / 4 / 1 x +2 / 2		1 x +2 / 4 / 1 x +2 / 2
3.6	Front wheel base, drive end	b10	mm	510		510
3.7	Rear wheel base, bearing end	b11	mm	370 / 515		370 / 515
Size						
4.4	Standard maximum lifting height	h3	mm	120		120
4.9	Operating position Minimum/maximum height of the handle lever	h14	mm	1075 / 1288		1075 / 1288
4.15	Fork height after drop	h13	mm	85		85
4.19	Vehicle length	l1	mm	1866	1936	1866
4.20	The length of the vertical plane of the fork	l2	mm	716		716
4.21	Overall width	b1/ b2	mm	730		730
4.22	Fork size	s/ e/ l	mm	55x170x1150	55x170x1220	55x170x1150
4.25	The fork is wide outside	b5	mm	540 / 685		540 / 685
4.32	Ground clearance at the center of the wheelbase	m2	mm	30		30
4.34.1	The tray is 1200 width x 1000 length channel width	Ast	mm	2498		2498
4.34.2	The tray is 800 width x 1200 length channel width	Ast	mm	2355		2355
4.35	Turning radius	Wa	mm	1700		1700
Performance parameter						
5.1	Walking speed, full load/empty load	km/ h	km/h	5.5 / 6		9.0 / 12.0
5.2	Lifting speed, full load/no load	m/ s		0.050 / 0.054		0.050 / 0.054
5.3	Rate of descent, full/empty	m/ s		0.067 / 0.054		0.067 / 0.054
5.8	Maximum climb, full load/no load	%		8 / 16		8 / 16
5.10	Brake type			Electromagnetic type		Electromagnetic type
Motor, power source						
6.1	Drive motor rated power S2 60 minutes	kW		1.6		2.5
6.2	Lifting motor rated S3 15%	kW		2.2		2.2
6.3	Maximum allowable size of battery	mm		550*190*500		550*190*500
6.4	Battery voltage/nominal capacity K5	V/ Ah		24 / 160		24 / 160
6.5	Battery weight	kg		62		62
Other data						
8.1	Drive control type			AC		AC
10.5	Steering type			Electron		Electron
10.7	Noise level	dB (A)		74		74

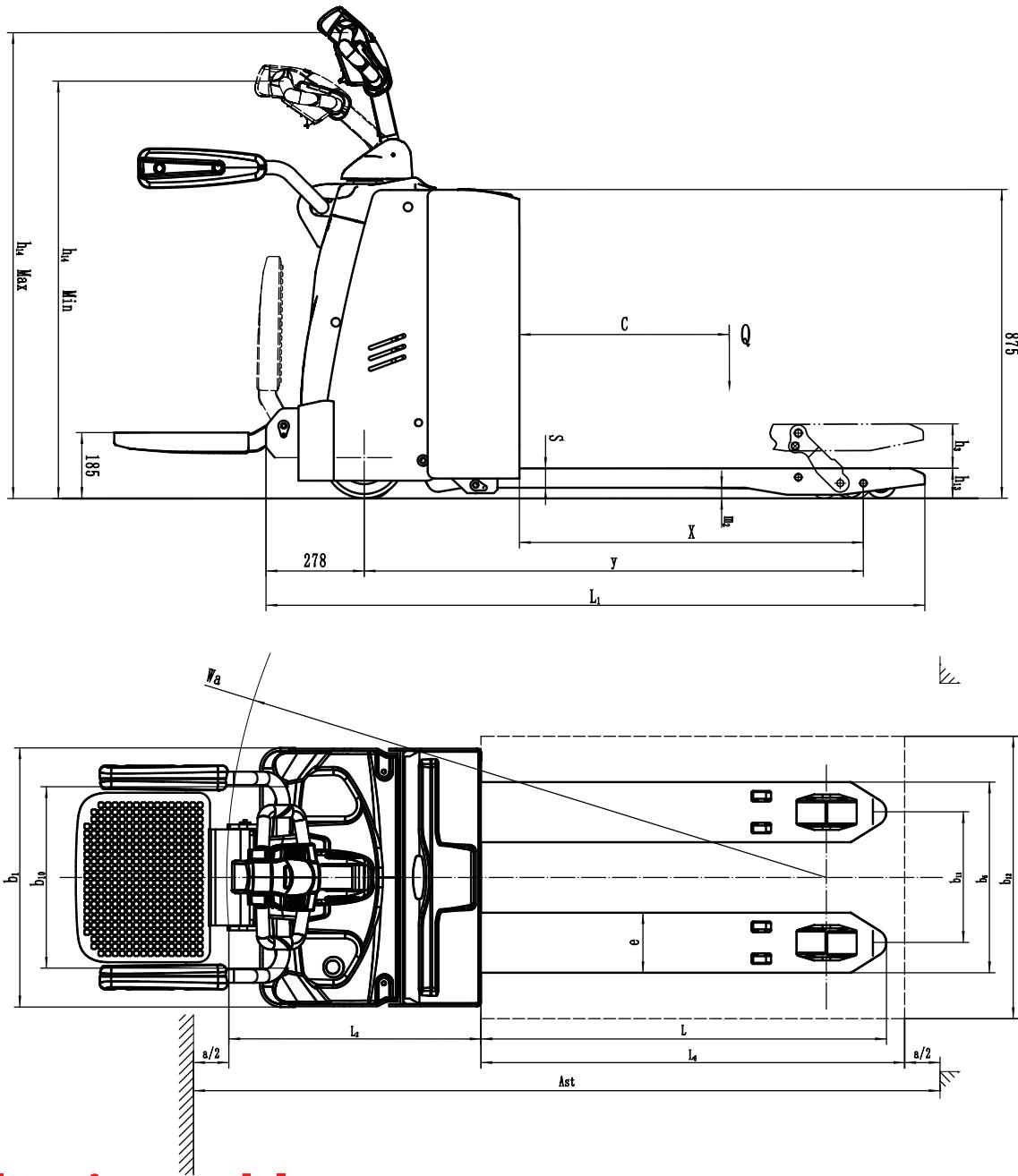
Subject to technical parameters or configuration improvement without prior notice, the chart shown may include non-standard configuration. Please contact the business manager before placing an order.

Product parameters

Features						
1.1	Brand				Xinxu	Xinxu
1.2	Model				RPL251	RPL301
1.3	Power form				Electric	Electric
1.4	Type of operation				Station ride	Station ride
1.5	Load	Q	kg	2500	3000	
1.6	Load center distance	c	mm	600	600	
1.8	Load length	x	mm	916	986	986
1.9	Wheelbase	y	mm	1531	1601	1601
Weight						
2.1	Dead weight (including battery)		kg	790	790	
2.2	Axle load, full load driving end/bearing end		kg	1120 / 1670	1370 / 2420	
2.3	Axle load, no load driving end/bearing end		kg	650 / 140	650 / 140	
Tire, chassis						
3.1	Tire type, drive wheel/carrier wheel			Polyurethane/polyurethane	Polyurethane/polyurethane	
3.2	Driving wheel size (diameter x width)		mm	Φ230 x 75	Φ230 x 75	
3.3	Bearing wheel size (diameter x width)		mm	Φ85 x 70 / Φ83 x 115	Φ85 x 70 / Φ83 x 115	
3.4	Balance wheel size (diameter x width)		mm	Φ130 x 55	Φ130 x 55	
3.5	Number of driving wheels, balancing wheels/bearing wheels (x= driving wheels)		mm	1 x +2 / 4 / 1 x + 2 / 2	1 x +2 / 4 / 1 x + 2 / 2	
3.6	Front wheel base, drive end	b10	mm	510	510	
3.7	Rear wheel base, bearing end	b11	mm	370 / 495	370 / 495	
Size						
4.4	Standard maximum lifting height	h3	mm	120	120	
4.9	Operating position Minimum/maximum height of the handle lever	h14	mm	1075 / 1288	1075 / 1288	
4.15	Fork height after drop	h ₁₃	mm	85	85	
4.19	Vehicle length	l1	mm	1954	2024	1954
4.20	The length of the vertical plane of the fork	l2	mm	804	804	
4.21	Overall width	b1/ b2	mm	730	730	
4.22	Fork size	s/ e / l	mm	55x190x1150	55x190x1220	55x190x1150
4.25	The fork is wide outside	b5	mm	560 / 685	560 / 685	
4.32	Ground clearance at the center of the wheelbase	m2	mm	30	30	
4.34.1	The tray is 1200 width x 1000 length channel width	Ast	mm	2590	2590	
4.34.2	The tray is 800 width x 1200 length channel width	Ast	mm	2447	2447	
4.35	Turning radius	Wa	mm	1790	1790	
Performance parameter						
5.1	Walking speed, full load/empty load	km/ h	km/h	5.5 / 6	5.5 / 6	
5.2	Lifting speed, full load/no load		m/ s	0.050 / 0.054	0.050 / 0.054	
5.3	Rate of descent, full/empty		m/ s	0.067 / 0.054	0.067 / 0.054	
5.8	Maximum climb, full load/no load		%	6/16	8/16	
5.10	Brake type			Electromagnetic type	Electromagnetic type	
Motor, power source						
6.1	Drive motor rated power S2 60 minutes		kW	1.6	2.5	
6.2	Lifting motor rated S3 15%		kW	2.2	2.2	
6.3	Maximum allowable size of battery		mm	550 x 190 x 500	550 x 190 x 500	
6.4	Battery voltage/nominal capacity K5		V/ Ah	24 / 160	24 / 160	
6.5	Battery weight		kg	62	62	
Other data						
8.1	Drive control type			AC	AC	
10.5	Steering type			Electron	Electron	
10.7	Noise level		dB (A)	74	74	

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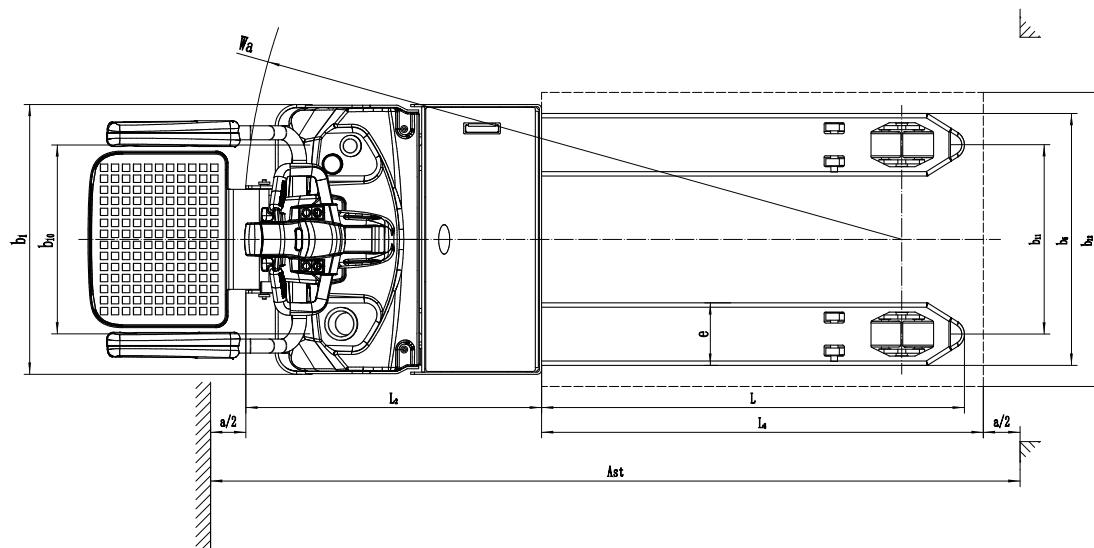
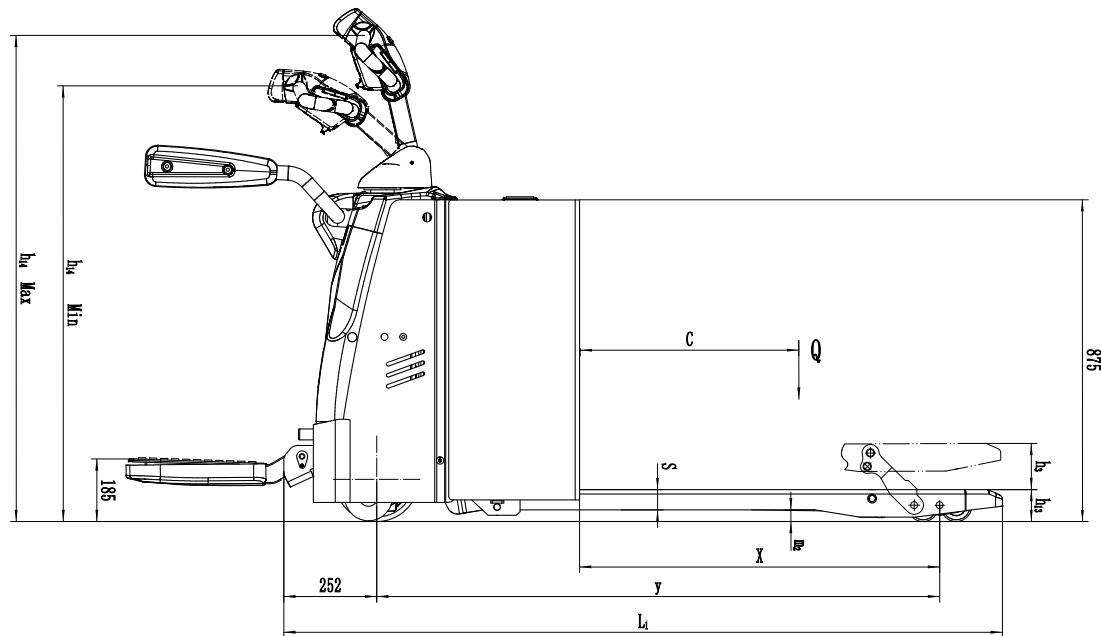
Line graph



Selection table

Matching item	RPL201Z/RPL201HZ (Lithium battery)
Foot length	○1150/1220mm
The feet are wide outside	○540/685mm
Double wheel bearing wheel	●
Single wheel bearing wheel	●
Driving wheel	●Polyurethane
Universal wheel	●
Battery capacity	○160AH/230AH
Side pull battery	—
Curve deceleration	●
Safety arm guard	●
Minimum fork height	●85mm
Shelf height	○1220mm (48in)/1520mm (60in)
Note: ● Standard ○ Matching — No	

Line graph



Selection table

Matching item	RPL251/RPL301
Foot length	○1150/1220mm
The feet are wide outside	○560/685mm
Double wheel bearing wheel	●
Single wheel bearing wheel	—
Driving wheel	● polyurethane
Universal wheel	●
Battery capacity	○160AH/230AH
Side pull battery	—
Curve deceleration	●
Safety arm guard	●
Minimum fork height	● 85mm
Shelf height	○1220mm (48in)/1520mm (60in)
Note: ● Standard ○ Matching — No	