

RPL201

HEAVY-DUTY RIDE-ON PALLET TRUCK 2.0T

 2000 kg  120 mm  24 V Li-Ion



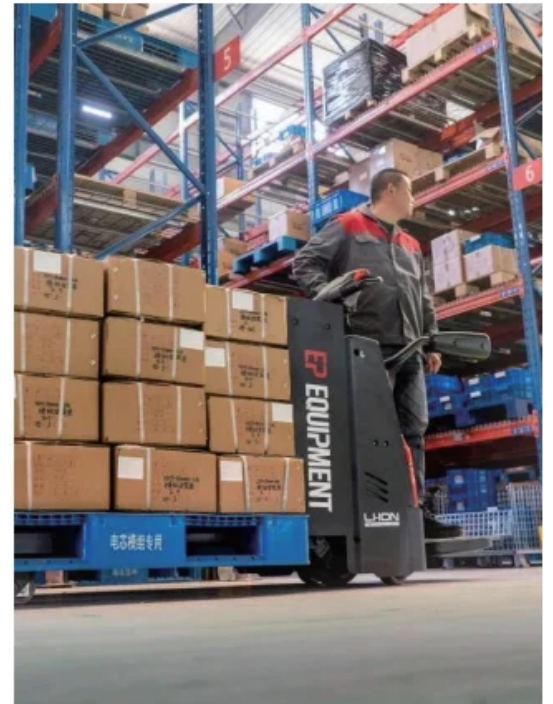
Ideal for heavy-duty, long-distance transport in warehouses and logistics hubs, the RPL201 ensures smooth operation in demanding conditions. Its foldable suspended platform and protective sidearms allow comfortable ride-on use, while creep speed control and ergonomic steering make it equally efficient in confined areas. Suitable for distribution centers, loading docks, and large storage facilities requiring continuous pallet movement.

SPECIFICATION	REF	UNIT	VALUE
Manufacturer			EP
Model designation			RPL201
Battery voltage		V	24
Rated capacity	Q	kg	2000
Load centre distance	c	mm	600
Service weight		kg	670
Lift	h ₃	mm	120
Overall length	l ₁	mm	1860
Overall width	b ₁ /b ₂	mm	734
Length to face of forks	l ₂	mm	710
Fork dimensions	s/e/l	mm	55x170x1150
Turning radius	Wa	mm	1700
Drive			Electric
Operator type			Standing
Load distance, centre of drive axle to fork	x	mm	980
Wheelbase	y	mm	1418

Features

Heavy-duty ride-on design

Equipped with a foldable suspended platform and sidearms, the RPL201 is built for long-distance, high-intensity operations. The platform design reduces operator fatigue while ensuring comfort and safety during extended shifts.

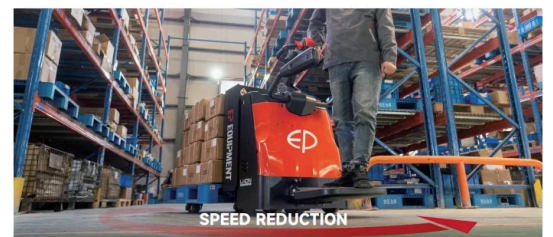


Powerful Li-ion technology

Powered by a 24V/205Ah maintenance-free Li-ion battery, the truck supports rapid and opportunity charging through an external plug. This eliminates downtime and maximizes productivity across multi-shift operations.

Enhanced travel stability

A lowered center of gravity, repositioned stabilizing wheels, and optimized counterweight provide smooth and stable driving behavior. Automatic speed reduction during turns further enhances operator and load safety.



Operator-focused ergonomics

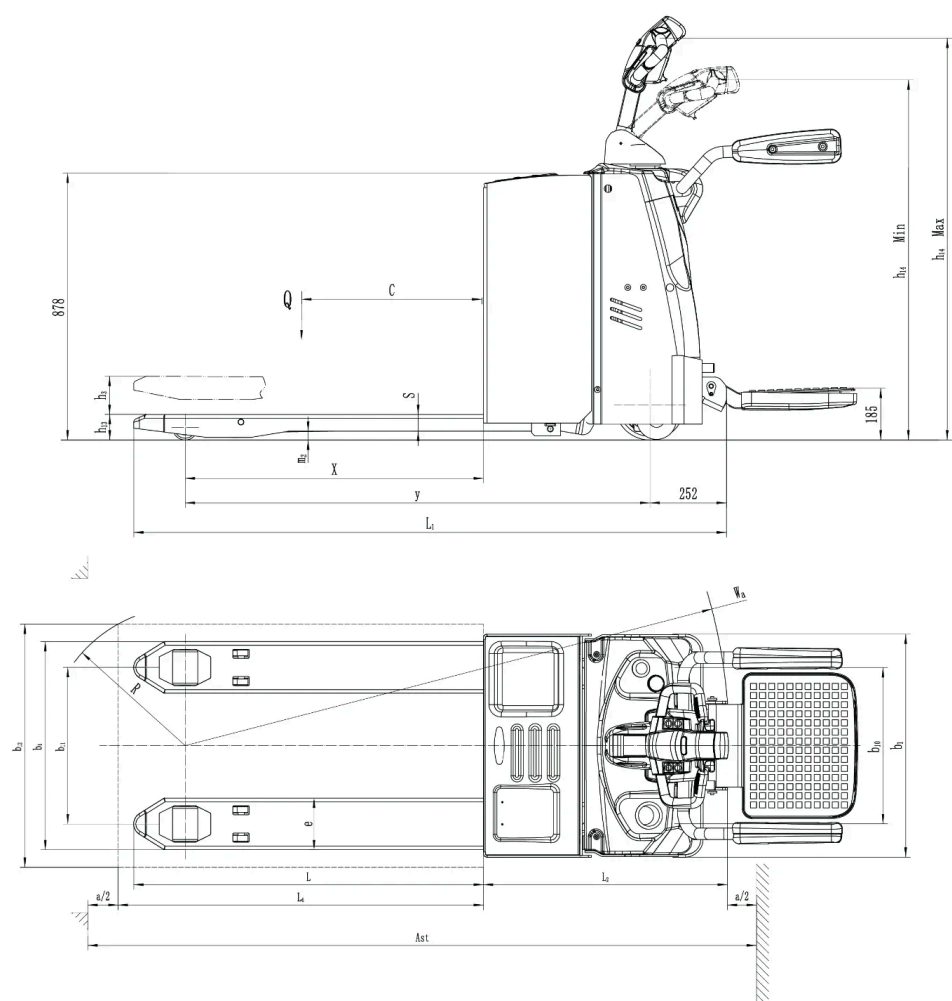
With proportional electric steering, ergonomic tiller, and improved fork tip visibility, the RPL201 ensures precise maneuverability. Integrated storage and reinforced back cover protection add convenience and durability for daily use.

VDI Chart

SPECIFICATION		REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			RPL201
1.3	Drive			Electric
1.4	Operator type			Standing
1.5	Rated capacity	Q	kg	2000
1.6	Load centre distance	c	mm	600
1.8	Load distance, centre of drive axle to fork	x	mm	980
1.9	Wheelbase	y	mm	1418
2.1	Service weight		kg	670
2.2	Axle loading, laden front/rear		kg	1060/1610
2.3	Axle loading, unladen front/rear		kg	540/130
3.1	Tyres			Polyurethane
3.2	Tyre size, front		mm	Φ230x75
3.3	Tyre size, rear		mm	Φ85x70/Φ83x115
3.4	Additional wheels (castor wheels)		mm	Φ130x55
3.5	Wheels, number front/rear (x=drive wheels)			1x+2/4/1x+2/2
3.6	Tread width, front	b ₁₀	mm	510
3.7	Tread width, rear	b ₁₁	mm	370/515
4.4	Lift	h ₃	mm	120
4.9	Height drawbar in driving position min./max.	h ₁₄	mm	1075/1288
4.15	Height, lowered	h ₁₃	mm	85
4.19	Overall length	l ₁	mm	1860
4.20	Length to face of forks	l ₂	mm	710
4.21	Overall width	b ₁ /b ₂	mm	734
4.22	Fork dimensions	s/e/l	mm	55x170x1150
4.25	Distance between fork-arms	b ₅	mm	540 / 685
4.32	Ground clearance, centre of wheelbase	m ₂	mm	30
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2500
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2360
4.35	Turning radius	wa	mm	1700
5.1	Travel speed, laden/unladen		km/h	7.5/8
5.2	Lift speed, laden/unladen		m/s	0.050/0.054

	SPECIFICATION	REF	UNIT	VALUE
5.3	Lowering speed, laden/unladen		m/s	0.067/0.054
5.8	Max. gradeability, laden/unladen		%	8/16
5.10	Service brake			Electromagnetic
6.1	Drive motor rating S2 60 min		kW	1.6
6.2	Lift motor rating at S3 15%		kW	2.2
6.4.1	Battery voltage		V	24
6.4.2	Battery nominal capacity K5		Ah	205
6.4.3	Battery type			Li-Ion
6.5	Battery weight		kg	62
8.1	Type of drive unit			AC
10.5	Steering design			Electronic
10.7	Sound pressure level at the driver's seat		dB(A)	74

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.



Fork length (mm)	Load capacity (kg)		
	RPL201/RPL201H	RPL251	RPL301
850	2000KG	2500KG	3000KG
1000			
1150			
1220			
1300			
1450			
1600	1800KG		2700KG
1800			
2000			
2200	1600KG		2500KG
2400			

Options

ITEM	OPTIONS (optional items marked in yellow)
Fork lowered height	85
Load wheel type	Double Single
Load wheel material	PU
Drive wheel material	PU Carved PU Rubber
Battery capacity	205Ah (Li-ion truck) 280Ah (Lead-acid truck) 210Ah/345Ah (Lead-acid truck)
Charger	24V-100A external charger (for 205Ah battery) 24V-30A external charger (for 210/280Ah battery) 24V-50A external charger (for 345Ah battery)
Battery indicator	With hourmeter
Castor wheels	Yes and not customized
Fork length	1150/1220 850/100/1300/1450/1600/1800/2000/2200/2400
Load backrest height	1220 mm (48in) 1520 mm (60in)
Fork width	540/685