

04 Semi-automatic Pallet Truck Series

The 4th Generation of
Material Handling

RPG201

Semi-automatic

Product features

Manual and Automatic

High speed manual operation, automatic transport

Set up by App with Bluetooth connection



Basic parameters	1.1	Manufacturer			EP
	1.2	Model designation			RPG201
	1.3	Operator type			Ride-on
	1.4	Load capacity	Q	kg	2000
	1.5	Service weight		kg	680
	1.6	Navigation			2D Visual navigation
	1.7	Communication			Wi-Fi / Bluetooth
	1.8	Positioning accuracy		mm	±20
Battery parameters	2.1	Battery voltage/nominal capacity		V/Ah	24/150
	2.2	Battery type			Li-ion battery
	2.3	Battery weight		kg	50
	2.4	Usage time		h	6-8
Size	3.1	Dimensions	l1/b1/h1	mm	1905/830/1690
	3.2	Load center distance	c	mm	600
	3.3	Load distance, center of drive axle to fork	x	mm	980
	3.4	Wheelbase	y	mm	1428
	3.5	Length to face of forks	l2	mm	777
	3.6	Fork dimensions	s/e/l	mm	55/170/1150
	3.7	Distance between fork-arms	b5	mm	540/600/685
	3.8	Lowered height	h13	mm	90
	3.9	Lift height	h3	mm	110
Other parameters	4.1	Travel speed, laden/unladen		m/s	1.5/2
	4.2	Max. gradeability, laden/unladen		%	8/16
	4.3	Maximum floor level deviation		mm	≤20
	4.4	Turning radius	Wa	mm	1755
Channel requirements	5.1	Aisle width for pallets 1000×1200 lengthways			1400
	5.2	Aisle width for pallets 1000×1200 crossways			2606
	5.3	Aisle width for one-sided loading/unloading (pallet: 1200 mm L × 1000 mm W)			2906
Safety	6.1	Emergency stop button			Two sides
	6.2	Voice and light			Audible and visible
	6.3	Front protection			Top 180° Lidar + Bottom 180° Lidar
	6.4	Back protection			Fork tip sensor
	6.6	Physical bumper			Front + two sides
	6.7	Pallet in-place detection switch			Position switch
Option list	7.1	Battery			●24V/60Ah
	7.2	Charger			●24V-20A External Charger
	7.4	Warning light			○Blue light ●Turn light ○Warning light
	7.5	Front protection			●Single lidar,180° ○Double lidar,270° ●3D Camera
	7.6	Rear protection			●Fork-tip sensor ○Fork-tip lidar
	7.7	Interaction method			○Screen ●Buttons