



Electric Pallet Truck 2.0/2.5/3.0T

- Lithium-ion technology
- Robust safety arms
- More precise working mechanism
- Increase lifetime of movable parts
- Strengthened loading wheel assembly

FEATURE

■ Lithium-ion technology

The RPL series is equipped with 24V/210Ah EP Li-ion battery that supports opportunity charging. Operators can charge the truck at preferable time during the day without disrupting working schedules.

■ Robust safety arms

The safety arms of the RPL series are produced from strengthened steel to ensure a long lifetime of the trucks structure.

■ More precise working mechanism

Using slider motion structure and one-time full-axis processing technology to ensure higher working accuracy.

■ Increase lifetime of movable parts

Adopting special pin material, heat treatment process and customized sleeve to make key movable parts more durable.

■ Strengthened loading wheel assembly

RPL251 and RPL301 come with strengthened frames and updated links of the loading wheels to improve wear resistance and meet heavy duty applications.



Model	RPL201		RPL201H	
Drive Unit	Electrics		Electrics	
Operator type	standing		standing	
rate capacity(kg)	2000		2000	
Load center distance(mm)	600		600	
Load distance(mm)	916/982	937/1003	916/982	937/1003
Wheelbase(mm)	1418	1438	1418	1438
Service weight(kg) (include battery)	630		630	
Axle loading, laden driving side/loading side(kg)	1020/1610		1020/1610	
Axle loading, unladen driving side/loading side(kg)	500/130		500/130	
Tyre type driving wheels/loading wheels	PU		PU	
Tyre size, driving wheels (diameter x width)(mm)	230x75		230x75	
Tyre size, loading wheels (diameter x width)(mm)	85x70/83x115		85x70/83x115	
Tyre size, caster wheels (diameter x width)(mm)	130x55		130x55	
Wheels, number driving, caster/loading (x=drive wheels)(mm)	1x +2/4 / 1x +2/2		1x +2/4 / 1x +2/2	
Track width, front, driving side(mm)	510		510	
Track width, rear, loading side(mm)	370/430/515		370/430/515	
Lift Height(mm)	120		120	
Height drawbar in driving position min/max(mm)	1150/1470		1150/1470	
Lowered Height(mm)	85		85	
Overall Length(mm)	1860	1930	1860	1930
Length to face of forks(mm)	710		710	
Overall width(mm)	730		730	
Fork dimensions(mm)	55x170x1150	55x170x1220	55x170x1150	55x170x1220
Distance between fork-arms(mm)	540/600/685		540/600/685	
Ground clearance, center of wheelbase(mm)	30		30	
Aisle width for pallets 1000 x 1200 crossways(mm)	2523		2523	
Aisle width for pallets 800 x 1200 lengthways(mm)	2372		2372	
Turning Radius(mm)	1700		1700	
Travel speed, laden/unladen(km/h)	5.5/6		9.0/12.0	
Lifting speed, laden/unladen(m/s)	0.050/0.054		0.050/0.054	
Lowering speed, laden/unladen(m/s)	0.067/0.054		0.067/0.054	
Max. gradeability, laden/unladen(%)	8/16		8/16	
Service brake type	Electromagnetic		Electromagnetic	
Drive Motor rating S2 60 min(kw)	1.6		2.5	
Lift motor rating at S3 15%(kw)	2.2		2.2	
The maximum allowed size battery(mm)	550x190x500		550x190x500	
Battery voltage/nominal capacity K5(V/Ah)	24/210		24/210	
Type of drive control	AC		AC	
Steering type	Electronic		Electronic	
Sound pressure level at the driver's ear	74		74	

If there are improvements of technical parameters or configurations, no further notice will be given.

The diagram shown may contain non-standard configurations.

Model	RPL251		RPL301	
Drive Unit	Electrics		Electrics	
Operator type	standing		standing	
rate capacity(kg)	2500		3000	
Load center distance(mm)	600		600	
Load distance(mm)	980	1000	980	1000
Wheelbase(mm)	1531	1551	1531	1551
Service weight(kg) (include battery)	790		790	
Axle loading, laden driving side/loading side(kg)	1120/1670		1120/1670	
Axle loading, unladen driving side/loading side(kg)	650/140		650/140	
Tyre type driving wheels/loading wheels	PU		PU	
Tyre size, driving wheels (diameter x width)(mm)	230x75		230x75	
Tyre size, loading wheels (diameter x width)(mm)	85x70/83x115		85x70/83x115	
Tyre size, caster wheels (diameter x width)(mm)	130x55		130x55	
Wheels, number driving, caster/loading (x=drive wheels)(mm)	1x +2/4 / 1x +2/2		1x +2/4 / 1x +2/2	
Track width, front, driving side(mm)	510		510	
Track width, rear, loading side(mm)	370/495		370/495	
Lift Height(mm)	120		120	
Height drawbar in driving position min/max(mm)	1150/1470		1150/1470	
Lowered Height(mm)	85		85	
Overall Length(mm)	1954	2024	1954	2024
Length to face of forks(mm)	804		804	
Overall width(mm)	730		730	
Fork dimensions(mm)	55x190x1150	55x190x1220	55x190x1150	55x190x1220
Distance between fork-arms(mm)	560/685		560/685	
Ground clearance, center of wheelbase(mm)	30		30	
Aisle width for pallets 1000 x 1200 crossways(mm)	2590		2590	
Aisle width for pallets 800 x 1200 lengthways(mm)	2448		2448	
Turning Radius(mm)	1790		1790	
Travel speed, laden/unladen(km/h)	5.5/6		5.5/6	
Lifting speed, laden/unladen(m/s)	0.050/0.054		0.050/0.054	
Lowering speed, laden/unladen(m/s)	0.067/0.054		0.067/0.054	
Max. gradeability, laden/unladen(%)	6/16		8/16	
Service brake type	Electromagnetic		Electromagnetic	
Drive Motor rating S2 60 min(kw)	1.6		2.5	
Lift motor rating at S3 15%(kw)	2.2		2.2	
The maximum allowed size battery(mm)	550x190x500		550x190x500	
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