# RPL201(H)/251/301

## 2000/2500/3000kg

## Heavy-duty Pallet Truck

Let's grow together

LI-ION TECHNOLOGY

- Heavy duty truck with foldable platform and safety arms
- Powerful AC vertical traction motor
- Precise power steering with proportional effort
- Automatic speed reduction on turns
- High travelling speed and gradeability

CE

| Manufacturer | | | EP | EP | EP | EP |
|---|---|---|---|---|---|---|
| Model designation | | | RPL201 | RPL201(H) | RPL251 | RPL301 |
| Drive | | | Electric | Electric | Electric | Electric |
| Load capacity | Q | kg | 2000 | 2000 | 2500 | 3000 |
| Load center distance | c | mm | 600 | 600 | 600 | 600 |
| Service weight | | kg | 670 | 670 | 802 | 802 |
| Length to face of forks | l2 | mm | 804 | 804 | 824 | 824 |
| Overall width | b1/b2 | mm | 734 | 734 | 734 | 734 |
| Fork dimensions | s/e/l | mm | 55/170/1220 | 55/170/1220 | 55/190/1150 | 55/190/1150 |
| Turning radius | Wa | mm | 1806 | 1806 | 1790 | 1790 |
| Max. gradeability, laden/unladen | | % | 8/16 | 8/16 | 6/16 | 6/16 |
| Travel speed, laden/unladen | | km/ h | 7.5/8 | 9/12 | 5.5/6 | 5.5/6 |
| Battery voltage/nominal capacity | | V/Ah | 24/205 | 24/205 | 24/205 | 24/205 |

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# 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.

Electric Pallet Truck 2.0T

# RPL201

| Section | No. | Item | Symbol | Unit | | |
|---|---|---|---|---|---|---|
| Distinguishing mark | 1.1 | Manufacturer | | | EP | EP |
| | 1.2 | Model designation | | | RPL201(Li) | RPL201(Li) |
| | 1.3 | Drive | | | Electric | Electric |
| | 1.4 | Operator type | | | Standing | Standing |
| | 1.5 | Load capacity | Q | kg | 2000 | 2000 |
| | 1.6 | Load center distance | c | mm | 600 | 600 |
| | 1.8 | Load distance, centre of drive axle to fork | x | mm | 980 | 1000 |
| | 1.9 | Wheelbase | y | mm | 1531 | 1551 |
| Service weight | 2.1 | Service weight | | kg | 670 | 670 |
| | 2.2 | Axle loading, laden front/rear | | kg | 1060 / 1610 | 1060 / 1610 |
| | 2.3 | Axle loading, unladen front/rear | | kg | 540 / 130 | 540 / 130 |
| Tyres/chassis | 3.1 | Tyre type | | | Polyurethane | Polyurethane |
| | 3.2.1 | Tyre size, front | | mm | Φ230x75 | Φ230x75 |
| | 3.3.1 | Tyre size, rear | | mm | Φ85x70/Φ83x115 | Φ85x70/Φ83x115 |
| | 3.4 | Additional wheels (castor wheels) | | mm | Φ130x55 | Φ130x55 |
| | 3.5 | Wheels, number front/rear (x=drive wheels) | | mm | 1x+2/4/1x+2/2 | 1x+2/4/1x+2/2 |
| | 3.6.1 | Tread width, front | b10 | mm | 510 | 510 |
| | 3.7.1 | Tread width, rear | b11 | mm | 370 / 515 | 370 / 515 |
| Dimensions | 4.4 | Lift height | h3 | mm | 120 | 120 |
| | 4.9 | Height of tiller handle in drive position min./max. | h14 | mm | 1075 / 1288 | 1075 / 1288 |
| | 4.15 | Lowered height | h13 | mm | 85 | 85 |
| | 4.19 | Overall length | l1 | mm | 1954 | 2024 |
| | 4.20 | Length to face of forks | l2 | mm | 804 | 804 |
| | 4.21 | Overall width | b1/b2 | mm | 734 | 734 |
| | 4.22 | Fork dimensions | s/e/l | mm | 55 x 170 x 1150 | 55 x 170 x 1220 |
| | 4.25 | Distance between fork-arms | b5 | mm | 540 / 685 | 540 / 685 |
| | 4.32 | Ground clearance, center of wheelbase | m2 | mm | 30 | 30 |
| | 4.34.1 | Aisle width for pallets 1000×1200 crossways | Ast | mm | 2606 | 2606 |
| | 4.34.2 | Aisle width for pallets 800×1200 crossways | Ast | mm | 2463 | 2463 |
| | 4.35 | Turning radius | Wa | mm | 1806 | 1826 |
| Performance data | 5.1 | Travel speed, laden/unladen | | km/ h | 7.5 / 8 | 7.5 / 8 |
| | 5.2 | Lifting speed, laden/unladen | | m/s | 0.050 / 0.054 | 0.050 / 0.054 |
| | 5.3 | Lowering speed, laden/unladen | | m/s | 0.067 / 0.054 | 0.067 / 0.054 |
| | 5.8 | Max. gradeability, laden/unladen | | % | 8 / 16 | 8 / 16 |
| | 5.10 | Service brake | | | Electromagnetic | Electromagnetic |
| Electric-engine | 6.1 | Drive motor rating S2 60 min | | kW | 1.6 | 1.6 |
| | 6.2 | Lift motor rating at S3 15% | | kW | 2.2 | 2.2 |
| | 6.4 | Battery voltage/nominal capacity | | V/Ah | 24 / 205AH | 24 / 205AH |
| | 6.5 | Battery weight | | kg | 62 | 62 |
| Addition data | 8.1 | Type of drive control | | | AC | AC |
| | 10.5 | Steering design | | | Electronic | Electronic |
| | 10.7 | Sound pressure level at the driver's ear | | dB(A) | 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.

Electric Pallet Truck 2.0T

# RPL201

| | | | | | | |
|---|---|---|---|---|---|---|
| Distinguishing mark | 1.1 | Manufacturer | | | EP | EP |
| | 1.2 | Model designation | | | RPL201(Lead-acid) | RPL201(Lead-acid) |
| | 1.3 | Drive | | | Electric | Electric |
| | 1.4 | Operator type | | | Standing | Standing |
| | 1.5 | Load capacity | Q | kg | 2000 | 2000 |
| | 1.6 | Load center distance | c | mm | 600 | 600 |
| | 1.8 | Load distance, centre of drive axle to fork | x | mm | 980 | 1000 |
| | 1.9 | Wheelbase | y | mm | 1531 | 1551 |
| Service weight | 2.1 | Service weight | | kg | 755 | 755 |
| | 2.2 | Axle loading, laden front/rear | | kg | 1090 / 1665 | 1090 / 1665 |
| | 2.3 | Axle loading, unladen front/rear | | kg | 600 / 155 | 600 / 155 |
| Tyres/chassis | 3.1 | Tyre type | | | Polyurethane | Polyurethane |
| | 3.2.1 | Tyre size, front | | mm | Φ230x75 | Φ230x75 |
| | 3.3.1 | Tyre size, rear | | mm | Φ85x70/Φ83x115 | Φ85x70/Φ83x115 |
| | 3.4 | Additional wheels (castor wheels) | | mm | Φ130x55 | Φ130x55 |
| | 3.5 | Wheels, number front/rear (x=drive wheels) | | mm | 1x+2/4/1x+2/2 | 1x+2/4/1x+2/2 |
| | 3.6.1 | Tread width, front | b10 | mm | 510 | 510 |
| | 3.7.1 | Tread width, rear | b11 | mm | 370 / 515 | 370 / 515 |
| Dimensions | 4.4 | Lift height | h3 | mm | 120 | 120 |
| | 4.9 | Height of tiller handle in drive position min./max. | h14 | mm | 1075 / 1288 | 1075 / 1288 |
| | 4.15 | Lowered height | h13 | mm | 85 | 85 |
| | 4.19 | Overall length | l1 | mm | 1954 | 2024 |
| | 4.20 | Length to face of forks | l2 | mm | 804 | 804 |
| | 4.21 | Overall width | b1/b2 | mm | 734 | 734 |
| | 4.22 | Fork dimensions | s/e/l | mm | 55 x 170 x 1150 | 55 x 170 x 1220 |
| | 4.25 | Distance between fork-arms | b5 | mm | 540 / 685 | 540 / 685 |
| | 4.32 | Ground clearance, center of wheelbase | m2 | mm | 30 | 30 |
| | 4.34.1 | Aisle width for pallets 1000×1200 crossways | Ast | mm | 2606 | 2606 |
| | 4.34.2 | Aisle width for pallets 800×1200 crossways | Ast | mm | 2463 | 2463 |
| | 4.35 | Turning radius | Wa | mm | 1806 | 1826 |
| Performance data | 5.1 | Travel speed, laden/unladen | | km/ h | 7.5 / 8 | 7.5 / 8 |
| | 5.2 | Lifting speed, laden/unladen | | m/s | 0.050 / 0.054 | 0.050 / 0.054 |
| | 5.3 | Lowering speed, laden/unladen | | m/s | 0.067 / 0.054 | 0.067 / 0.054 |
| | 5.8 | Max. gradeability, laden/unladen | | % | 8 / 16 | 8 / 16 |
| | 5.10 | Service brake | | | Electromagnetic | Electromagnetic |
| Electric-engine | 6.1 | Drive motor rating S2 60 min | | kW | 1.6 | 1.6 |
| | 6.2 | Lift motor rating at S3 15% | | kW | 2.2 | 2.2 |
| | 6.4 | Battery voltage/nominal capacity | | V/Ah | 24 / 280AH | 24 / 280AH |
| | 6.5 | Battery weight | | kg | 255 | 255 |
| Addition data | 8.1 | Type of drive control | | | AC | AC |
| | 10.5 | Steering design | | | Electronic | Electronic |
| | 10.7 | Sound pressure level at the driver's ear | | dB(A) | 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.

# Electric Pallet Truck 2.0T

# RPL201H

| | | | | | | |
|---|---|---|---|---|---|---|
| Distinguishing mark | 1.1 | Manufacturer | | | EP | EP |
| | 1.2 | Model designation | | | RPL201H(Li) | RPL201H(Li) |
| | 1.3 | Drive | | | Electric | Electric |
| | 1.4 | Operator type | | | Standing | Standing |
| | 1.5 | Load capacity | Q | kg | 2000 | 2000 |
| | 1.6 | Load center distance | c | mm | 600 | 600 |
| | 1.8 | Load distance, centre of drive axle to fork | x | mm | 980 | 1000 |
| | 1.9 | Wheelbase | y | mm | 1531 | 1551 |
| Service weight | 2.1 | Service weight | | kg | 670 | 670 |
| | 2.2 | Axle loading, laden front/rear | | kg | 1060 / 1610 | 1060 / 1610 |
| | 2.3 | Axle loading, unladen front/rear | | kg | 540 / 130 | 540 / 130 |
| Tyres/chassis | 3.1 | Tyre type | | | Polyurethane | Polyurethane |
| | 3.2.1 | Tyre size, front | | mm | Φ230x75 | Φ230x75 |
| | 3.3.1 | Tyre size, rear | | mm | Φ85x70/Φ83x115 | Φ85x70/Φ83x115 |
| | 3.4 | Additional wheels (castor wheels) | | mm | Φ130x55 | Φ130x55 |
| | 3.5 | Wheels, number front/rear (x=drive wheels) | | mm | 1x+2/4/1x+2/2 | 1x+2/4/1x+2/2 |
| | 3.6.1 | Tread width, front | b10 | mm | 510 | 510 |
| | 3.7.1 | Tread width, rear | b11 | mm | 370 / 515 | 370 / 515 |
| Dimensions | 4.4 | Lift height | h3 | mm | 120 | 120 |
| | 4.9 | Height of tiller handle in drive position min./max. | h14 | mm | 1075 / 1288 | 1075 / 1288 |
| | 4.15 | Lowered height | h13 | mm | 85 | 85 |
| | 4.19 | Overall length | l1 | mm | 1954 | 2024 |
| | 4.20 | Length to face of forks | l2 | mm | 804 | 804 |
| | 4.21 | Overall width | b1/b2 | mm | 734 | 734 |
| | 4.22 | Fork dimensions | s/e/l | mm | 55 x 170 x 1150 | 55 x 170 x 1220 |
| | 4.25 | Distance between fork-arms | b5 | mm | 540 / 685 | 540 / 685 |
| | 4.32 | Ground clearance, center of wheelbase | m2 | mm | 30 | 30 |
| | 4.34.1 | Aisle width for pallets 1000×1200 crossways | Ast | mm | 2606 | 2606 |
| | 4.34.2 | Aisle width for pallets 800×1200 crossways | Ast | mm | 2463 | 2463 |
| | 4.35 | Turning radius | Wa | mm | 1806 | 1826 |
| Performance data | 5.1 | Travel speed, laden/unladen | | km/ h | 9 / 12 | 9 / 12 |
| | 5.2 | Lifting speed, laden/unladen | | m/s | 0.050 / 0.054 | 0.050 / 0.054 |
| | 5.3 | Lowering speed, laden/unladen | | m/s | 0.067 / 0.054 | 0.067 / 0.054 |
| | 5.8 | Max. gradeability, laden/unladen | | % | 8 / 16 | 8 / 16 |
| | 5.10 | Service brake | | | Electromagnetic | Electromagnetic |
| Electric-engine | 6.1 | Drive motor rating S2 60 min | | kW | 2.5 | 2.5 |
| | 6.2 | Lift motor rating at S3 15% | | kW | 2.2 | 2.2 |
| | 6.4 | Battery voltage/nominal capacity | | V/Ah | 24 / 205AH | 24 / 205AH |
| | 6.5 | Battery weight | | kg | 62 | 62 |
| Addition data | 8.1 | Type of drive control | | | AC | AC |
| | 10.5 | Steering design | | | Electronic | Electronic |
| | 10.7 | Sound pressure level at the driver's ear | | dB(A) | 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.

# Electric Pallet Truck 2.0T

# RPL201H

| | | | | | | |
|---|---|---|---|---|---|---|
| Distinguishing mark | 1.1 | Manufacturer | | | EP | EP |
| | 1.2 | Model designation | | | RPL201H(Lead-acid) | RPL201H(Lead-acid) |
| | 1.3 | Drive | | | Electric | Electric |
| | 1.4 | Operator type | | | Standing | Standing |
| | 1.5 | Load capacity | Q | kg | 2000 | 2000 |
| | 1.6 | Load center distance | c | mm | 600 | 600 |
| | 1.8 | Load distance, centre of drive axle to fork | x | mm | 980 | 1000 |
| | 1.9 | Wheelbase | y | mm | 1531 | 1551 |
| Service weight | 2.1 | Service weight | | kg | 755 | 755 |
| | 2.2 | Axle loading, laden front/rear | | kg | 1090 / 1665 | 1090 / 1665 |
| | 2.3 | Axle loading, unladen front/rear | | kg | 600 / 155 | 600 / 155 |
| Tyres/chassis | 3.1 | Tyre type | | | Polyurethane | Polyurethane |
| | 3.2.1 | Tyre size, front | | mm | Φ230x75 | Φ230x75 |
| | 3.3.1 | Tyre size, rear | | mm | Φ85x70/Φ83x115 | Φ85x70/Φ83x115 |
| | 3.4 | Additional wheels (castor wheels) | | mm | Φ130x55 | Φ130x55 |
| | 3.5 | Wheels, number front/rear (x=drive wheels) | | mm | 1x+2/4/1x+2/2 | 1x+2/4/1x+2/2 |
| | 3.6.1 | Tread width, front | b10 | mm | 510 | 510 |
| | 3.7.1 | Tread width, rear | b11 | mm | 370 / 515 | 370 / 515 |
| Dimensions | 4.4 | Lift height | h3 | mm | 120 | 120 |
| | 4.9 | Height of tiller handle in drive position min./max. | h14 | mm | 1075 / 1288 | 1075 / 1288 |
| | 4.15 | Lowered height | h13 | mm | 85 | 85 |
| | 4.19 | Overall length | l1 | mm | 1954 | 2024 |
| | 4.20 | Length to face of forks | l2 | mm | 804 | 804 |
| | 4.21 | Overall width | b1/b2 | mm | 734 | 734 |
| | 4.22 | Fork dimensions | s/e/l | mm | 55 x 170 x 1150 | 55 x 170 x 1220 |
| | 4.25 | Distance between fork-arms | b5 | mm | 540 / 685 | 540 / 685 |
| | 4.32 | Ground clearance, center of wheelbase | m2 | mm | 30 | 30 |
| | 4.34.1 | Aisle width for pallets 1000×1200 crossways | Ast | mm | 2606 | 2606 |
| | 4.34.2 | Aisle width for pallets 800×1200 crossways | Ast | mm | 2463 | 2463 |
| | 4.35 | Turning radius | Wa | mm | 1806 | 1826 |
| Performance data | 5.1 | Travel speed, laden/unladen | | km/ h | 9 / 12 | 9 / 12 |
| | 5.2 | Lifting speed, laden/unladen | | m/s | 0.050 / 0.054 | 0.050 / 0.054 |
| | 5.3 | Lowering speed, laden/unladen | | m/s | 0.067 / 0.054 | 0.067 / 0.054 |
| | 5.8 | Max. gradeability, laden/unladen | | % | 8 / 16 | 8 / 16 |
| | 5.10 | Service brake | | | Electromagnetic | Electromagnetic |
| Electric-engine | 6.1 | Drive motor rating S2 60 min | | kW | 2.5 | 2.5 |
| | 6.2 | Lift motor rating at S3 15% | | kW | 2.2 | 2.2 |
| | 6.4 | Battery voltage/nominal capacity | | V/Ah | 24 / 280AH | 24 / 280AH |
| | 6.5 | Battery weight | | kg | 255 | 255 |
| Addition data | 8.1 | Type of drive control | | | AC | AC |
| | 10.5 | Steering design | | | Electronic | Electronic |
| | 10.7 | Sound pressure level at the driver's ear | | dB(A) | 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.

# Electric Pallet Truck 2.5T
# RPL251

| | | | | | | |
|---|---|---|---|---|---|---|
| Distinguishing mark | 1.1 | Manufacturer | | | EP | EP |
| | 1.2 | Model designation | | | RPL251(Li) | RPL251(Lead-acid) |
| | 1.3 | Drive | | | Electric | Electric |
| | 1.4 | Operator type | | | Standing | Standing |
| | 1.5 | Load capacity | Q | kg | 2500 | 2500 |
| | 1.6 | Load center distance | c | mm | 600 | 600 |
| | 1.8 | Load distance，centre of drive axle to fork | x | mm | 916 | 916 |
| | 1.9 | Wheelbase | y | mm | 1531 | 1531 |
| Service weight | 2.1 | Service weight | | kg | 802 | 875 |
| | 2.2 | Axle loading, laden front/rear | | kg | 1120 / 1670 | 1120 / 1670 |
| | 2.3 | Axle loading, unladen front/rear | | kg | 650 / 140 | 650 / 140 |
| Tyres/chassis | 3.1 | Tyre type | | | Polyurethane | Polyurethane |
| | 3.2.1 | Tyre size, front | | mm | Φ85x70 / Φ83x115 | Φ85x70 / Φ83x115 |
| | 3.3.1 | Tyre size, rear | | mm | Φ230x75 | Φ230x75 |
| | 3.4 | Additional wheels (castor wheels) | | mm | Φ130x55 | Φ130x55 |
| | 3.5 | Wheels, number front/rear (x=drive wheels) | | mm | 1 x +2/4 / 1 x + 2/2 | 1 x +2/4 / 1 x + 2/2 |
| | 3.6.1 | Tread width, front | b10 | mm | 510 | 510 |
| | 3.7.1 | Tread width, rear | b11 | mm | 370 / 495 | 370 / 495 |
| Dimensions | 4.4 | Lift height | h3 | mm | 120 | 120 |
| | 4.9 | Height of tiller handle in drive position min./max. | h14 | mm | 1075 / 1288 | 1075 / 1288 |
| | 4.15 | Lowered height | h13 | mm | 85 | 85 |
| | 4.19 | Overall length | l1 | mm | 1954 | 1954 |
| | 4.20 | Length to face of forks | l2 | mm | 824 | 824 |
| | 4.21 | Overall width | b1/b2 | mm | 734 | 734 |
| | 4.22 | Fork dimensions | s/e/l | mm | 55 x 190 x 1150 | 55 x 190 x 1150 |
| | 4.25 | Distance between fork-arms | b5 | mm | 560 / 685 | 560 / 685 |
| | 4.32 | Ground clearance, center of wheelbase | m2 | mm | 30 | 30 |
| | 4.34.1 | Aisle width for pallets 1000×1200 crossways | Ast | mm | 2590 | 2590 |
| | 4.34.2 | Aisle width for pallets 800×1200 crossways | Ast | mm | 2447 | 2447 |
| | 4.35 | Turning radius | Wa | mm | 1790 | 1790 |
| Performance data | 5.1 | Travel speed, laden/unladen | | km/ h | 5.5 / 6 | 5.5 / 6 |
| | 5.2 | Lifting speed, laden/unladen | | m/s | 0.050 / 0.054 | 0.050 / 0.054 |
| | 5.3 | Lowering speed, laden/unladen | | m/s | 0.067 / 0.054 | 0.067 / 0.054 |
| | 5.8 | Max. gradeability, laden/unladen | | % | 6 / 16 | 6 / 16 |
| | 5.10 | Service brake | | | Electromagnetic | Electromagnetic |
| Electric-engine | 6.1 | Drive motor rating S2 60 min | | kW | 2.5 | 2.5 |
| | 6.2 | Lift motor rating at S3 15% | | kW | 2.2 | 2.2 |
| | 6.4 | Battery voltage/nominal capacity | | V/Ah | 24 / 205 | 24 / 280 |
| | 6.5 | Battery weight | | kg | 62 | 255 |
| Addition data | 8.1 | Type of drive control | | | AC | AC |
| | 10.5 | Steering design | | | Electronic | Electronic |
| | 10.7 | Sound pressure level at the driver's ear | | dB(A) | 74 | 74 |

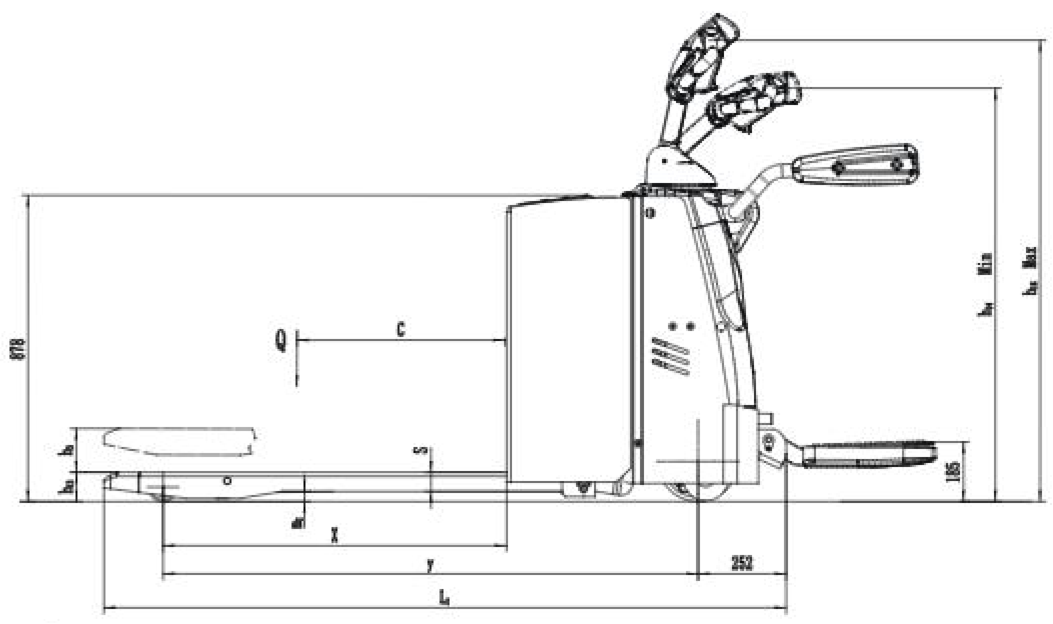
If there are improvements of technical parameters or configurations, no further notice will be given.
The diagram shown may contain non-standard configurations.

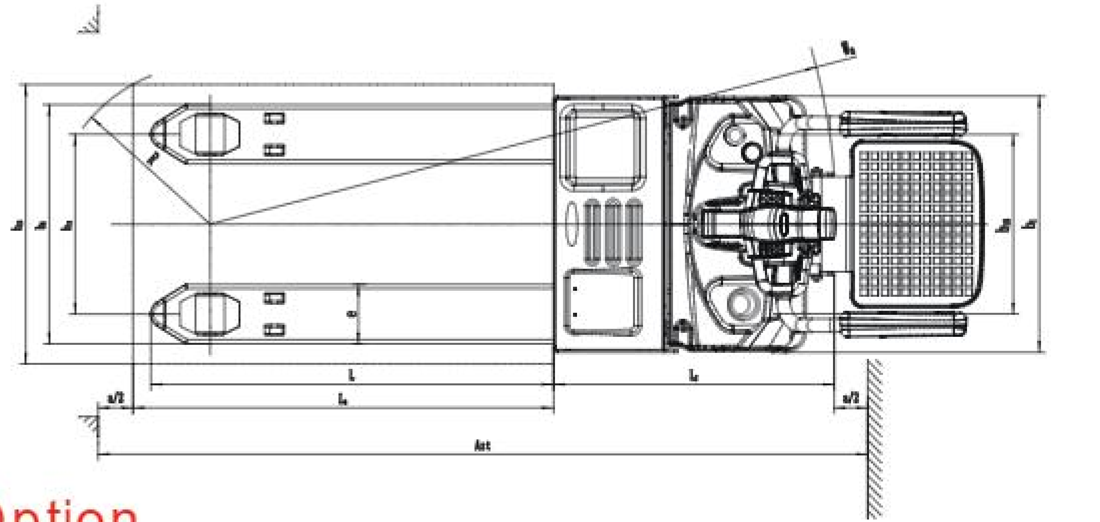
# Electric Pallet Truck 3.0T

# RPL301

| | | | | | | |
|---|---|---|---|---|---|---|
| Distinguishing mark | 1.1 | Manufacturer | | | EP | EP |
| | 1.2 | Model designation | | | RPL301(Li) | RPL301(Lead-acid) |
| | 1.3 | Drive | | | Electric | Electric |
| | 1.4 | Operator type | | | Standing | Standing |
| | 1.5 | Load capacity | Q | kg | 3000 | 3000 |
| | 1.6 | Load center distance | c | mm | 600 | 600 |
| | 1.8 | Load distance, centre of drive axle to fork | x | mm | 916 | 916 |
| | 1.9 | Wheelbase | y | mm | 1531 | 1531 |
| Service weight | 2.1 | Service weight | | kg | 802 | 875 |
| | 2.2 | Axle loading, laden front/rear | | kg | 1370 / 2420 | 1370 / 2420 |
| | 2.3 | Axle loading, unladen front/rear | | kg | 650 / 140 | 650 / 140 |
| Tyres/chassis | 3.1 | Tyre type | | | Polyurethane | Polyurethane |
| | 3.2.1 | Tyre size, front | | mm | Φ85x70 / Φ83x115 | Φ85x70 / Φ83x115 |
| | 3.3.1 | Tyre size, rear | | mm | Φ230x75 | Φ230x75 |
| | 3.4 | Additional wheels (castor wheels) | | mm | Φ130x55 | Φ130x55 |
| | 3.5 | Wheels, number front/rear (x=drive wheels) | | mm | 1 x +2/4 / 1 x + 2/2 | 1 x +2/4 / 1 x + 2/2 |
| | 3.6.1 | Tread width, front | b10 | mm | 510 | 510 |
| | 3.7.1 | Tread width, rear | b11 | mm | 370 / 495 | 370 / 495 |
| Dimensions | 4.4 | Lift height | h3 | mm | 120 | 120 |
| | 4.9 | Height of tiller handle in drive position min./max. | h14 | mm | 1075 / 1288 | 1075 / 1288 |
| | 4.15 | Lowered height | h13 | mm | 85 | 85 |
| | 4.19 | Overall length | l1 | mm | 1954 | 1954 |
| | 4.20 | Length to face of forks | l2 | mm | 824 | 824 |
| | 4.21 | Overall width | b1/b2 | mm | 734 | 734 |
| | 4.22 | Fork dimensions | s/e/l | mm | 55 x 190 x 1150 | 55 x 190 x 1150 |
| | 4.25 | Distance between fork-arms | b5 | mm | 560 / 685 | 560 / 685 |
| | 4.32 | Ground clearance, center of wheelbase | m2 | mm | 30 | 30 |
| | 4.34.1 | Aisle width for pallets 1000×1200 crossways | Ast | mm | 2590 | 2590 |
| | 4.34.2 | Aisle width for pallets 800×1200 crossways | Ast | mm | 2447 | 2447 |
| | 4.35 | Turning radius | Wa | mm | 1790 | 1790 |
| Performance data | 5.1 | Travel speed, laden/unladen | | km/ h | 5.5 / 6 | 5.5 / 6 |
| | 5.2 | Lifting speed, laden/unladen | | m/s | 0.050 / 0.054 | 0.050 / 0.054 |
| | 5.3 | Lowering speed, laden/unladen | | m/s | 0.067 / 0.054 | 0.067 / 0.054 |
| | 5.8 | Max. gradeability, laden/unladen | | % | 6 / 16 | 6 / 16 |
| | 5.10 | Service brake | | | Electromagnetic | Electromagnetic |
| Electric-engine | 6.1 | Drive motor rating S2 60 min | | kW | 2.5 | 2.5 |
| | 6.2 | Lift motor rating at S3 15% | | kW | 2.2 | 2.2 |
| | 6.4 | Battery voltage/nominal capacity | | V/Ah | 24 / 205 | 24 /280 |
| | 6.5 | Battery weight | | kg | 62 | 255 |
| Addition data | 8.1 | Type of drive control | | | AC | AC |
| | 10.5 | Steering design | | | Electronic | Electronic |
| | 10.7 | Sound pressure level at the driver's ear | | dB(A) | 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.

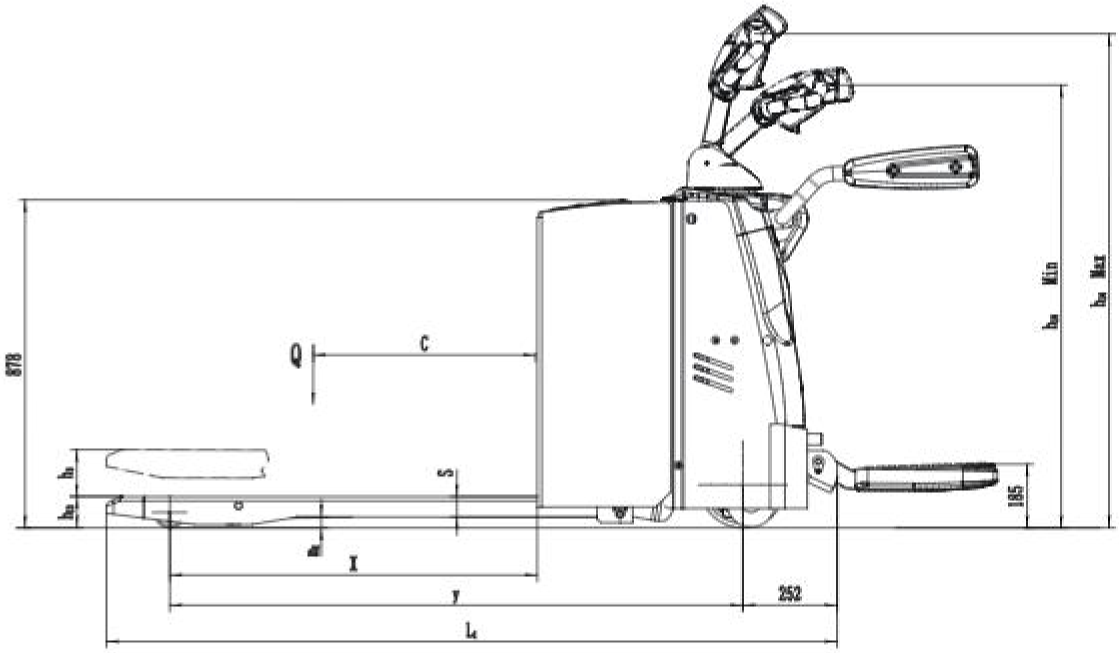


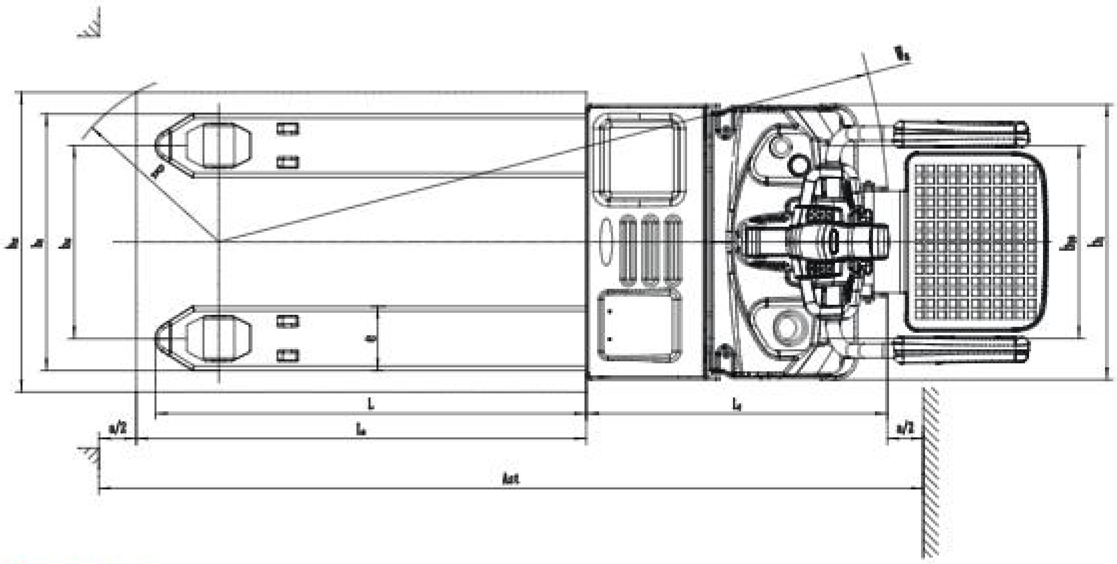


# Option

| No. | Optional items | RPL201/RPL201H |
|---|---|---|
| 1.1 | Fork length | •1150/1220=850/1000/1300/1450/1600/1800 /2000/2200/2400 |
| 1.2 | Fork width | •540/685=600/725/790/840/940/1000 /1050/1100/1200 |
| 1.3 | Fork lowered height | •85 |
| 1.4 | Fork carriage width | •740 |
| 1.5 | Fork carriage height | =1220mm（48in）=1520mm（60in） |
| 2.1 | Load wheel type | •Double=Single |
| 2.2 | Load wheel material | •PU |
| 2.3 | Drive wheel material | •PU=Trace PU=Rubber |
| 2.7 | Battery capacity | •205Ah•210Ah（Lead Acid battery）=280Ah/345Ah（Lead Acid battery） |
| 2.8 | Charger | •24V-100A External<br>•24V-30AExternal（Lead Acid battery）<br>=24V-50AExternal（Lead Acid battery） |
| 2.9 | Battery indicator | •Yueli Hourmeter（With time）•Yaneng Hourmeter（With time）（Lead Acid battery） |
| 3.3 | Castor wheels | •Yes and not customized |
| 3.4 | Water auto-filling system | =Yes and not customized |
| 4.1 | Battery side pull function | =Yes and not customized |
| 4.2 | Cold storage | =Yes and not customized |
| 4.4 | Weighting system with fork | =Yes and not customized |

Note: •Standard = Optional - Inconformity




# Option

| No. | Optional items | RPL215/RPL301 |
|---|---|---|
| 1.1 | Fork length | •1150/1220=850/1000/1300/1450/1600/1800 /2000/2200/2400 |
| 1.2 | Fork width | •560/685=830/880/980/1040/1090/1140/1240 |
| 1.3 | Fork lowered height | •85 |
| 1.4 | Fork carriage width | 750 |
| 1.5 | Fork carriage height | =1220mm (48in) =1520mm (60in) |
| 2.1 | Load wheel type | •Double=Single |
| 2.2 | Load wheel material | •PU |
| 2.3 | Drive wheel material | •PU=Trace PU=Rubber |
| 2.7 | Battery capacity | •205Ah (Li-Ion truck) •280Ah (lead-acid truck) =210Ah/345Ah (lead-acid truck) |
| 2.8 | Charger | •24V-100Aexternal charger (205Ah)<br>•24V-30Aexternal charger (210/280Ah) =24V-50Aexternal charger (345Ah) |
| 2.9 | Battery indicator | •With time |
| 3.3 | Castor wheels | •Castor wheels |
| 3.4 | Water auto-filling system | =Water auto-filling system |
| 4.1 | Battery side pull function | =Battery side pull function (only for lead-acid truck) |

Note: •Standard = Optional - Inconformity

## Load Capability Chart

<table>
<tr><th>Fork length (mm)</th><th colspan="3">Load capacity (kg)</th></tr>
<tr><td></td><td>RPL201/RPL201H</td><td>RPL251</td><td>RPL301</td></tr>
<tr><td>850</td><td rowspan="7">2000KG</td><td rowspan="11">2500KG</td><td rowspan="6">3000KG</td></tr>
<tr><td>1000</td></tr>
<tr><td>1150</td></tr>
<tr><td>1220</td></tr>
<tr><td>1300</td></tr>
<tr><td>1450</td></tr>
<tr><td>1600</td><td rowspan="3">2700KG</td></tr>
<tr><td>1800</td><td rowspan="2">1800KG</td></tr>
<tr><td>2000</td></tr>
<tr><td>2200</td><td rowspan="2">1600KG</td><td rowspan="2">2500KG</td></tr>
<tr><td>2400</td></tr>
</table>

## Application scenario

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