



IPL153

Electric Pallet Truck 1.5T

- Smart lithium battery;
- Newly designed handle head;
- Pass market tests of safety and reliability.

IMOW
by EP EQUIPMENT



PRODUCT FEATURES



Smart lithium battery

The IPL 153 is equipped with a Li-Ion battery and an integrated charger for flexibility in the warehouse. The truck can be charged at any standard power outlet with no need for special charging rooms.



Newly designed handle head

With its ergonomically designed tiller head, the IPL 153 can lift electrically and lower manually for a maximum in control and sensitivity.



Components tested in the market

The IPL 153 runs on standard components, proven by the market since over ten years.



ANGLE VIEW



*Pictures shown are for reference only. Actual product may vary due to product enhancement.

PRODUCT PARAMETERS

| Distinguishing mark | | | | |
|---------------------|---|-------|--------|-----------------|
| 1.1 | Manufacturer | | | EP |
| 1.2 | Model designation | | | IPL153 |
| 1.3 | Drive unit | | | Battery |
| 1.4 | Operator type | | | Pedestrian |
| 1.5 | rated capacity | Q | kg | 1500 |
| 1.6 | Load center distance | c | mm | 600 |
| 1.8 | Load distance | x | mm | 950(880) |
| 1.9 | Wheelbase | y | mm | 1190(1120) |
| Weight | | | | |
| 2.1 | Service weight (include battery) | | kg | 115 |
| 2.2 | Axle loading, laden driving side/loading side | | kg | 540/1070 |
| 2.3 | Axle loading, unladen driving side/loading side | | kg | 100/15 |
| Types,Chassis | | | | |
| 3.1 | Tyre type driving wheels/loading wheels | | | PU |
| 3.2 | Tyre size, driving wheels (diameter×width) | | mm | Φ210x70 |
| 3.3 | Tyre size, loading wheels (diameter×width) | | mm | Φ210x70 |
| 3.4 | Tyre size, caster wheels (diameter×width) | | mm | Φ80x60(Φ74x88) |
| 3.5 | Wheels, number driving, caster/loading (x=drive wheels) | | mm | 1x/4(1x/2) |
| 3.6 | Track width, front,driving side | b10 | mm | |
| 3.7 | Track width,rear,loading side | b11 | mm | |
| Dimensions | | | | |
| 4.4 | Lift height | h3 | mm | 115 |
| 4.9 | Height drawbar in driving position min./max. | h14 | mm | 750/1190 |
| 4.15 | Lowered height | h13 | mm | 80 |
| 4.19 | Overall length | l1 | mm | 1550 |
| 4.20 | Length to face of forks | l2 | mm | 400 |
| 4.21 | Overall width | b1 | mm | 560(685) |
| 4.22 | Fork dimensions | sxexl | mm | 50x150x1150 |
| 4.25 | Distance between fork-arms | b5 | mm | 560(685) |
| 4.32 | Ground clearance, center of wheelbase | m2 | mm | 30 |
| 4.34.1 | Aisle width for pallets 1000 × 1200 crossways | Ast | mm | 1650 |
| 4.34.2 | Aisle width for pallets 800 × 1200 lengthways | Ast | mm | 1850 |
| 4.35 | Turning radius | Wa | mm | 1390 |
| Performance data | | | | |
| 5.1 | Travel speed, laden/ unladen | km/ h | km/h | 4/4.5 |
| 5.2 | Lifting speed, laden/ unladen | | m/ s | 0.017/0.024 |
| 5.3 | Lowering speed, laden/ unladen | | m/ s | 0.09/0.06 |
| 5.8 | Max. gradeability, laden/unladen | | % | 6/16 |
| 5.10 | Service brake type | | | electric |
| Electric-engine | | | | |
| 6.1 | Drive motor rating S2 60 min | | kW | 0.75 |
| 6.2 | Lift motor rating at S3 15% | | kW | 0.5 |
| 6.3 | The maximum allowed size battery | | mm | 230x260x85 |
| 6.4 | Battery voltage/nominal capacity K5 | | V/Ah | 24/20 |
| 6.5 | Battery weight | | kg | 5 |
| Addition data | | | | |
| 8.1 | Type of drive control | | | DC |
| 10.5 | Steering type | | | mechanical |
| 10.7 | Sound pressure level at the driver's ear | | dB (A) | <74 |

LINE GRAPH

