

EPL1531

ELECTRIC PALLET TRUCK 1.5T

 1500 kg  115 mm  24 V Li-Ion



Ideal for light-to-medium duty applications, the EPL153 is designed for goods movement in warehouses, shops, and logistics facilities. Its compact size and polyurethane wheels allow smooth maneuvering in narrow aisles, while the lithium battery and built-in charger support quick and convenient opportunity charging. With optional castor wheels for enhanced stability, the EPL153 adapts easily to different working environments.

SPECIFICATION	REF	UNIT	VALUE
Manufacturer			EP
Model designation			EPL1531
Battery voltage		V	24
Rated capacity	Q	kg	1500
Load centre distance	c	mm	600
Service weight		kg	120
Lift	h ₃	mm	115
Overall length	l ₁	mm	1540
Overall width	b ₁ /b ₂	mm	560 (685)
Length to face of forks	l ₂	mm	400
Fork dimensions	s/e/l	mm	55x150x1150
Turning radius	Wa	mm	1330
Drive			Electric
Operator type			Pedestrian
Load distance, centre of drive axle to fork	x	mm	950 (880)
Wheelbase	y	mm	1190 (1120)

Features

Smart lithium battery

The EPL153 uses Li-ion batteries with an integrated charger, ensuring fast opportunity charging without the need for a special charging area. This technology reduces downtime and makes the truck more convenient for everyday use.

Ergonomic handle head

The newly designed handle provides precise control and comfort. Lifting is electric while lowering is manual, preventing damage to goods by uncontrolled lowering and enhancing safety for operators.

Proven market reliability

With components tested and validated in the market for over 10 years, the EPL153 delivers consistent reliability, ensuring long-term performance and peace of mind for businesses.

Optional castor wheels

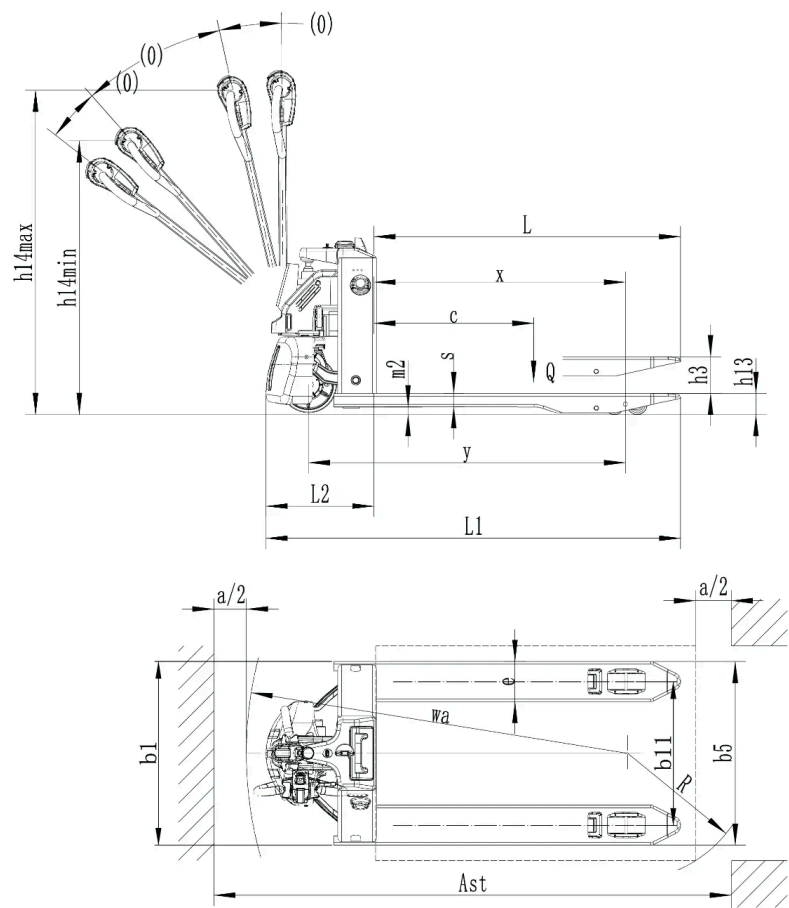
For added stability, especially when handling heavy or unbalanced loads, the EPL153 can be equipped with optional castor wheels, offering better balance and safety during operation.

VDI Chart

	SPECIFICATION	REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			EPL1531
1.3	Drive			Electric
1.4	Operator type			Pedestrian
1.5	Rated capacity	Q	kg	1500
1.6	Load centre distance	c	mm	600
1.8	Load distance, centre of drive axle to fork	x	mm	950 (880)
1.9	Wheelbase	y	mm	1190 (1120)
2.1	Service weight		kg	120
2.2	Axle loading, laden front/rear		kg	480/1140
2.3	Axle loading, unladen front/rear		kg	90/30
3.1	Tyres			Polyurethane
3.2	Tyre size, front		mm	210x70

	SPECIFICATION	REF	UNIT	VALUE
3.3	Tyre size, rear		mm	Φ80x60(Φ74x88)
3.5	Wheels, number front/rear (x=drive wheels)			1x/4(1x/2)
3.7	Tread width, rear	b ₁₁	mm	410 (535)
4.4	Lift	h ₃	mm	115
4.9	Height drawbar in driving position min./max.	h ₁₄	mm	750/1190
4.15	Height, lowered	h ₁₃	mm	82
4.19	Overall length	l ₁	mm	1540
4.20	Length to face of forks	l ₂	mm	400
4.21	Overall width	b ₁ /b ₂	mm	560 (685)
4.22	Fork dimensions	s/e/l	mm	55x150x1150
4.25	Distance between fork-arms	b ₅	mm	560 (685)
4.32	Ground clearance, centre of wheelbase	m ₂	mm	30
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2145
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2050
4.35	Turning radius	wa	mm	1330
5.1	Travel speed, laden/unladen		km/h	4.0/4.5
5.2	Lift speed, laden/unladen		m/s	0.017/0.020
5.3	Lowering speed, laden/unladen		m/s	0.052/0.016
5.8	Max. gradeability, laden/unladen		%	6/16
5.10	Service brake			Electromagnetic
6.1	Drive motor rating S2 60 min		kW	0.75
6.2	Lift motor rating at S3 15%		kW	0.7
6.4.1	Battery voltage		V	24
6.4.2	Battery nominal capacity K5		Ah	20
6.4.3	Battery type			Li-Ion
6.5	Battery weight		kg	7
8.1	Type of drive unit			DC
10.5	Steering design			Mechanical
10.7	Sound pressure level at the driver's seat		dB(A)	<74
15.1	Charger output current		A	10

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.



Options

ITEM	OPTIONS (optional items marked in yellow)
Fork lowered height	82

ITEM	OPTIONS (optional items marked in yellow)
Load wheel type	Double Single
Load wheel material	PU
Drive wheel material	PU
Battery capacity	24V/20Ah
Charger	24V-10A Internal
Handle head type	Redesigned ergonomic handle head
Buzzer	Yes and not customized
Drive assembly	Yes and not customized
Fork length	1150 900 1000 1220 1500
Fork width	560 685