

EPL1531

ELECTRIC PALLET TRUCK 1.5T

1500 kg
 105 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
Battery type			Li-Ion
Battery nominal capacity		Ah	20
Battery voltage		V	24
Load capacity	Q	kg	1500
Load centre distance	c	mm	600
Service weight		kg	115
Lift height	h ₃	mm	105
Overall length		mm	1550
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	1390
Operator type			Pedestrian
Load distance, centre of drive axle to fork		mm	950 (880)
Wheelbase		mm	1190 (1120)
Axle loading, laden front/rear		kg	540/1070

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.

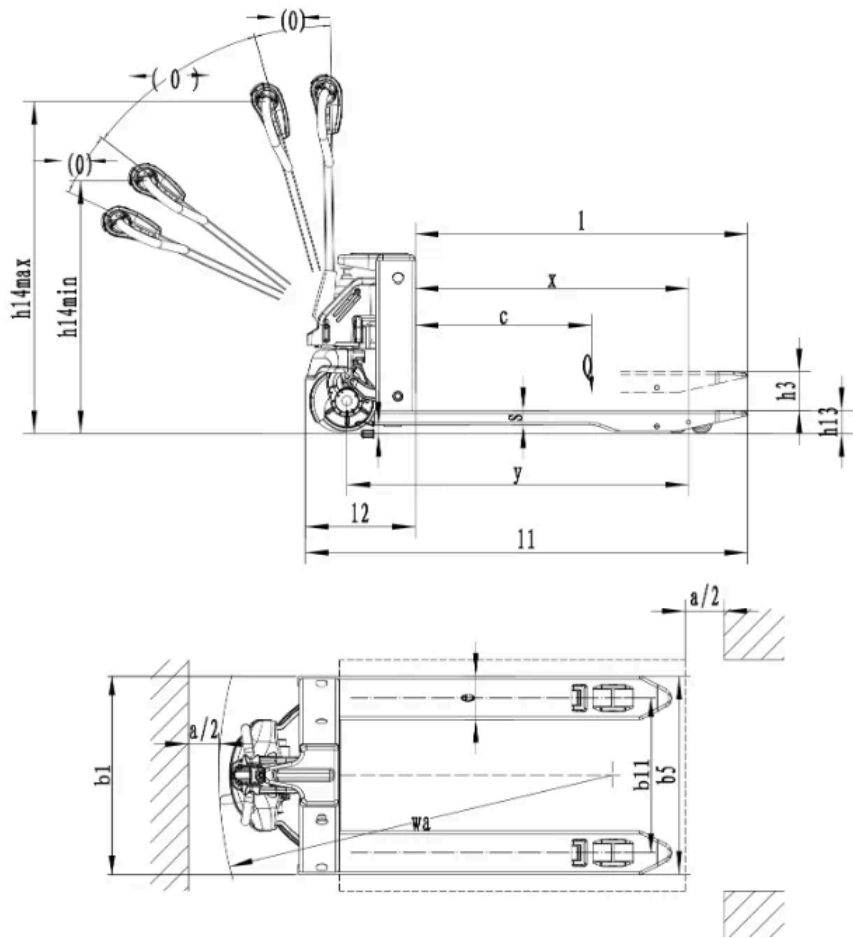
Optional castor wheels

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
1.4	Operator type			Pedestrian
1.5	Load capacity	Q	kg	1500
1.6	Load centre distance	c	mm	600
1.8	Load distance, centre of drive axle to fork		mm	950 (880)
1.9	Wheelbase		mm	1190 (1120)
2.1	Service weight		kg	115
2.2	Axle loading, laden front/rear		kg	540/1070
2.3	Axle loading, unladen front/rear		kg	100/15
3.1	Tyre type			Polyurethane
3.2	Tyre size, front		mm	210x70
3.3	Tyre size, rear		mm	80x60

	SPECIFICATION	REF	UNIT	VALUE
3.5	Wheels, number front/rear (x=drive wheels)			1x/4(1x/2)
3.6.1	Tread width, front	b ₁₀	mm	-
3.7.1	Tread width, rear	b ₁₁	mm	410 (535)
4.0	Max lift height	H	mm	105
4.19	Overall length		mm	1550
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
4.34.1	Aisle width for pallets 1000×1200 crossways		Ast	1650
4.34.2	Aisle width for pallets 800×1200 lengthways		Ast	1850
4.35	Turning radius		Wa	1390
4.4	Lift height	h ₃	mm	105
5.1	Travel speed, laden/unladen		km/h	4.0/4.5
5.10	Service brake			Electromagnetic
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
6.1	Drive motor rating S2 60 min		kW	0.75
6.2	Lift motor rating at S3 15%		kW	0.5
6.4	Battery nominal capacity		Ah	20
6.4	Battery voltage		V	24
6.4.1	Battery type			Li-Ion
6.5	Battery weight		kg	5
8.1	Type of drive control			DC
10.5	Steering design			Mechanical
10.7	Sound pressure level at the drivers ear		dB(A)	<74



Options

ITEM	OPTIONS (optional items marked in yellow)
Fork lowered height	80
Load wheel type	Double Single
Handle head type	Redesigned ergonomic handle head
Load wheel material	PU
Drive wheel material	PU
Battery capacity	24V/20Ah
Charger	24V-10A Internal
Buzzer	Yes and not customized
Drive assembly	Yes and not customized
Fork length	1150 900 1000 1220 1500
Fork width	560 685