

Why You Should Get a EPL154/EPL185?



EPL154

ELECTRIC PALLET TRUCK 1.5T

📏 1500 kg 📏 115 mm 🔋 24 V Li-Ion



Flexible Charging

Charge anytime and anywhere with its integrated charger and plug&play battery



Better Manoeuvring

Steering is light and easy with the optimized bearing axle even the truck is fully loaded



Higher Driving Speed

Operators handle more load capacity at faster pace in a busy warehouse setting



Longer Service Life



The EPL154 is ideal for warehouses, retail, and logistics centers requiring stability and maneuverability in narrow spaces. Its small chassis (400 mm fork face length) and lightweight design (160 kg) make it perfect for confined environments, while the stabilizing wheels allow safe load handling even on uneven surfaces. With optional fork dimensions and charger configurations, the EPL154 adapts to various working conditions.

SPECIFICATION	REF	UNIT	VALUE
Battery type			Li-Ion
Battery nominal capacity		Ah	30
Battery voltage		V	24
Load capacity	Q	kg	1500
Load centre distance	c	mm	600
Service weight		kg	160
Lift height	h ₃	mm	115
Overall length		mm	1550
Overall width	b ₁ /b ₂	mm	610 (695)
Length to face of forks	I ₂	mm	400
Fork dimensions	s/e/l	mm	50x 150x 1150
Turning radius		Wa	1330
Operator type			Pedestrian
Load distance, centre of drive axle to fork		mm	940 (875)
Wheelbase		mm	1200 (1135)
Axle loading, laden front/rear		kg	555/1105

Features

Industrial stabilizing wheels

Equipped with floating stabilizing wheels as standard, the EPL154 provides maximum stability and smooth passability. This feature enhances operator confidence, especially when handling loads on slightly uneven floors.



Removable Li-ion battery

A 24V/30Ah Li-ion plug-in battery with integrated BMS powers the truck. Its removable design with metal protection cover ensures safety, fast swapping, and reliable performance throughout the shift.

Compact and lightweight

With just 400 mm fork face length and a service weight of 160 kg, the EPL154 is easy to maneuver in narrow aisles and confined spaces, while still handling up to 1.5 tons of load.





Reliable drive system

The EPL154 adopts the proven drive system from the EPT20-15ET, delivering consistent power and durability. It also ensures gradeability up to 10% even with a 1000 kg load.

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	940 (875)
1.9	Wheelbase		mm	1200 (1135)
2.1	Service weight		kg	160
2.2	Axle loading, laden front/rear		kg	555/1105
2.3	Axle loading, unladen front/rear		kg	130/30
3.1	Tyre type			Polyurethane
3.2	Tyre size, front			210x70
3.3	Tyre size, rear			80x60
3.5	Wheels, number front/rear (x=drive wheels)			1x 2/4(1x 2/2)
3.6	Tread width, front	b ₁₀	mm	450
3.7	Tread width, rear	b ₁₁	mm	390 (535)
4.19	Overall length		mm	1550
4.20	Length to face of forks	I ₂	mm	400
4.21	Overall width	b ₁ /b ₂	mm	610 (695)
4.22	Fork dimensions	s/e/l	mm	50x 150x 1150
4.34.1	Aisle width for pallets 1000×1200 crossways		Ast	2094
4.34.2	Aisle width for pallets 800×1200 lengthways		Ast	2146
4.35	Turning radius		Wa	1330
4.4	Lift height	h ₃	mm	115
5.1	Travel speed, laden/unladen		km/h	4.5 / 5
5.10	Service brake			Electromagnetic

	SPECIFICATION	REF	UNIT	VALUE
5.2	Lifting speed, laden/unladen		m/s	0.028/0.031
5.3	Lowering speed, laden/unladen		m/s	0.068/0.043
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	0.8
6.4	Battery nominal capacity		Ah	30
6.4	Battery voltage		V	24
6.4.1	Battery type			Li-Ion
6.5	Battery weight		kg	10
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 dimension	1150*540 800*540 900*540 950*540 1000*540 1070*540 1220*540 1300*540 1400*540 1500*540 800*685 900*685 950*685 10000*685 1070*685 1150*685 1220*685 1300*685 1400*685 1500*685
Fork lowered height	80
Load wheel type	Double Single
Load wheel material	PU
Drive wheel material	PU
Battery capacity	30Ah
Charger	24V-10A integrated 24V-10A external 29.4V/4A external
Battery display indicator (BDI)	With hourmeter
Buzzer	Yes and not customized
Castor wheels	Yes and not customized
Drive assembly	Yes and not customized