

EPT15-EZ

ELECTRIC PALLET TRUCK 1.5T

 1500 kg  105 mm  24 V Li-Ion



Perfect for retail stores, warehouses, workshops, and delivery trucks, the EPT15-EZ offers an efficient solution for handling light to medium pallet loads. Its small turning radius of 1360 mm and low service weight make it particularly suited for operations in confined aisles, lifts, and small storage areas where space optimization is key.

SPECIFICATION	REF	UNIT	VALUE
Battery type			Li-Ion
Battery voltage		V	24
Rated capacity	Q	kg	1500
Load centre distance	c	mm	600
Service weight		kg	115
Lift	h ₃	mm	105
Overall length	l ₁	mm	1550
Overall width	b ₁ /b ₂	mm	695/590
Length to face of forks	l ₂	mm	400
Fork dimensions	s/e/l	mm	55/150/1150
Turning radius	Wa	mm	1360
Manufacturer			EP
Model designation			EPT15-EZ
Drive			Electric
Operator type			Pedestrian
Load distance, centre of drive axle to fork	x	mm	950

Features

Compact and agile design

With a turning radius of just 1360 mm, the EPT15-EZ navigates tight aisles and narrow spaces effortlessly, making it ideal for confined work environments.

Efficient Li-ion power

The 24V/20Ah lithium-ion battery offers quick charging and long runtime. Its removable design ensures easy battery swaps and maintenance-free operation.

Operator comfort and control

A tiller head with linear rebound enhances ergonomic comfort and operational safety, reducing fatigue during extended use.

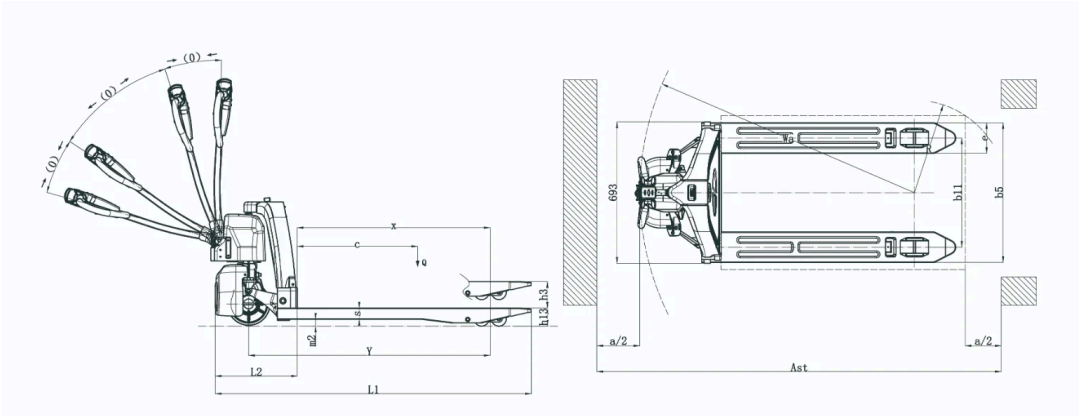
Durable all-metal construction

Built with a full steel chassis, the EPT15-EZ provides superior stability and longevity, even under frequent daily operation and ramp use.

VDI Chart

SPECIFICATION		REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			EPT15-EZ
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
1.9	Wheelbase	y	mm	1180
2.1	Service weight		kg	115
2.2	Axle loading, laden front/rear		kg	478/1137
2.3	Axle loading, unladen front/rear		kg	87/28

SPECIFICATION		REF	UNIT	VALUE
3.1	Tyres			Polyurethane
3.2	Tyre size, front		mm	Φ210x70
3.3	Tyre size, rear		mm	Φ80x60 (Φ74x88)
3.4	Additional wheels (castor wheels)		mm	Φ74x30 (option)
3.5	Wheels, number front/rear (x=drive wheels)			1x 2/4 (1x 2/2)
3.7	Tread width, rear	b ₁₁	mm	535/410
4.4	Lift	h ₃	mm	105
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	1550
4.20	Length to face of forks	l ₂	mm	400
4.21	Overall width	b ₁ /b ₂	mm	695/590
4.22	Fork dimensions	s/e/l	mm	55/150/1150
4.25	Distance between fork-arms	b ₅	mm	685/560
4.32	Ground clearance, centre of wheelbase	m ₂	mm	25
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2160
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2025
4.35	Turning radius	Wa	mm	1360
5.1	Travel speed, laden/unladen		km/h	4/4.5
5.2	Lift speed, laden/unladen		m/s	0.017/0.023
5.3	Lowering speed, laden/unladen		m/s	0.053/0.035
5.8	Max. gradeability, laden/unladen		%	6/16
5.10	Service brake			Electromagnetic
6.1	Drive motor rating S2 60 min		kW	0.9
6.2	Lift motor rating at S3 15%		kW	0.5
6.4	Battery voltage		V	24
6.4.1	Battery type			Li-Ion
6.5	Battery weight		kg	5
6.6	Energy consumption according to DIN EN 16796		kWh/h	0.124
6.7	Turnover output according to VDI 2198			58.5
6.8	Turnover efficiency according to VDI 2198			471.77
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



Options

ITEM	OPTIONS (optional items marked in yellow)
Fork dimension	1150*685 1150*560 900*560 1000*560 1220*560 1350*560 1500*560 900*685 1000*685 1220*685 1350*685 1500*685
Fork lowered height	82
Load wheel type	Single double
Load wheel material	Polyurethane
Drive wheel material	Polyurethane
Battery capacity	20AH
Charger	24V5A External
Battery display indicator (BDI)	Without hourmeter
Castor wheels	No Yes and not customized
Buzzer	Yes and not customized
Vertical handler working	Yes and not customized
Drive cover off the ground	55mm