



# 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
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	695/590
Length to face of forks	l2	mm	400
Fork dimensions	s/e/l	mm	55/150/1150
Turning radius		Wa	1360
Operator type			Pedestrian
Load distance, centre of drive axle to fork		mm	950
Wheelbase		mm	1180
Axle loading, laden front/rear		kg	478/1137
Axle loading, unladen front/rear		kg	87/28

# Features

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## 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.

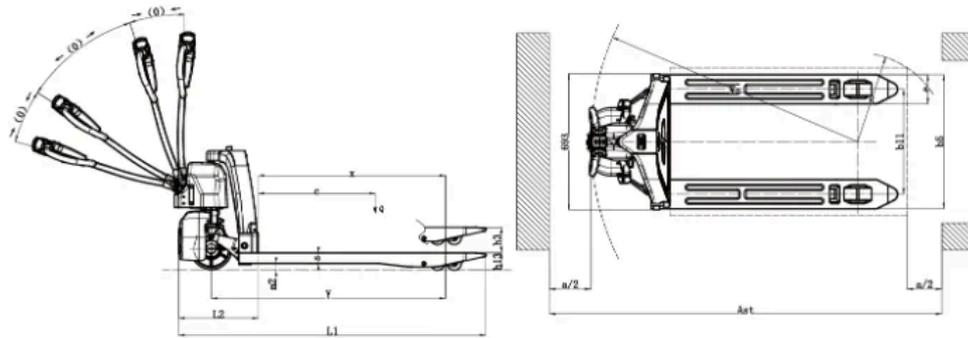
# VDI Chart

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	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
1.9	Wheelbase		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
3.1	Tyre type			Polyurethane
3.2	Tyre size, front			Φ210x70
3.3	Tyre size, rear			Φ80x60 (Φ74x88)

	SPECIFICATION	REF	UNIT	VALUE
3.5	Additional wheels (castor wheels)			Φ74x30 (option)
3.5	Wheels, number front/rear (x=drive wheels)			1x 2/4 (1x 2/2)
3.7	Tread width, rear	b <sub>11</sub>	mm	535/410
4.15	Lowered height			82
4.19	Overall length		mm	1550
4.20	Length to face of forks	l <sub>2</sub>	mm	400
4.21	Overall width	b <sub>1</sub> /b <sub>2</sub>	mm	695/590
4.22	Fork dimensions	s/e/l	mm	55/150/1150
4.25	Distance between fork-arms			685/560
4.32	Ground clearance, centre of wheelbase		mm	25
4.34.1	Aisle width for pallets 1000×1200 crossways		Ast	2160
4.34.2	Aisle width for pallets 800×1200 lengthways		Ast	2025
4.35	Turning radius		Wa	1360
4.4	Lift height	h <sub>3</sub>	mm	105
4.9	Height of tiller handle in drive position min./max.			750/1190
5.1	Travel speed, laden/unladen		km/h	4/4.5
5.10	Service brake			Electromagnetic
5.2	Lifting 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
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 control			DC
10.5	Steering design			Mechanical
10.7	Sound pressure level at the drivers ear		dB(A)	74

# VDI Drawing



## 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
Buzzer	Yes and not customized
Vertical handler working	Yes and not customized
Castor wheels	No   Yes and not customized
Drive cover off the ground	55mm