



# EPT20-EZ

## ELECTRIC PALLET TRUCK 2.0T

2000 kg 105 mm 48 V Li-Ion



Engineered for medium to heavy-duty warehouse operations, logistics centers, and production lines, the EPT20-EZ ensures effortless pallet movement across longer distances or moderate inclines. Its compact footprint allows it to operate seamlessly in narrow aisles and crowded loading areas, making it a versatile tool for diverse material handling environments.

SPECIFICATION	REF	UNIT	VALUE
Battery type			Li-Ion
Battery nominal capacity K5		Ah	10
Battery voltage		V	48
Rated capacity	Q	kg	2000
Load centre distance	c	mm	600
Service weight		kg	130
Lift	$h_3$	mm	105
Overall length	$l_1$	mm	1580
Overall width	$b_1/b_2$	mm	695/590
Length to face of forks	$l_2$	mm	430
Fork dimensions	s/e/l	mm	50/150/1150
Turning radius	Wa	mm	1390
Manufacturer			EP
Model designation			EPT20-EZ
Drive			Electric
Operator type			Pedestrian

# Features

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## Compact and agile design

Despite its high capacity, the EPT20-EZ retains a small 1390 mm turning radius, offering outstanding agility in tight spaces.

## High-performance Li-ion power

Powered by a 48V/10Ah lithium-ion battery, the EPT20-EZ offers consistent energy efficiency, fast charging, and reduced maintenance costs.

## Safety and comfort built-in

The linear rebound tiller and mechanical steering reduce operator strain and ensure safe, controlled handling at all speeds.

## Robust load handling

Designed for 2000 kg capacity, this pallet truck excels in demanding warehouse operations, ensuring stable and smooth transport even at full load.

## VDI Chart

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	SPECIFICATION	REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			EPT20-EZ
1.3	Drive			Electric
1.4	Operator type			Pedestrian
1.5	Rated capacity	Q	kg	2000
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	1210
2.1	Service weight		kg	130
2.2	Axle loading, laden front/rear		kg	678/1452
2.3	Axle loading, unladen front/rear		kg	98/32
3.1	Tyres			Polyurethane

	SPECIFICATION	REF	UNIT	VALUE
3.2	Tyre size, front		mm	Φ150×65
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)			1x2/4 (1x2/2)
3.6	Tread width, front	b <sub>10</sub>	mm	535
3.7	Tread width, rear	b <sub>11</sub>	mm	535/410
4.4	Lift	h <sub>3</sub>	mm	105
4.9	Height drawbar in driving position min./max.	h <sub>14</sub>	mm	750/1190
4.15	Height, lowered	h <sub>13</sub>	mm	82
4.18	Width of loading surface			695/590
4.19	Overall length	l <sub>1</sub>	mm	1580
4.20	Length to face of forks	l <sub>2</sub>	mm	430
4.21	Overall width	b <sub>1</sub> /b <sub>2</sub>	mm	695/590
4.22	Fork dimensions	s/e/l	mm	50/150/1150
4.32	Ground clearance, centre of wheelbase	m <sub>2</sub>	mm	25
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2190
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2055
4.35	Turning radius	wa	mm	1390
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		%	8/16
5.10	Service brake			Electromagnetic
6.1	Drive motor rating S2 60 min		kW	0.7
6.2	Lift motor rating at S3 15%		kW	0.7
6.4	Battery nominal capacity K5		Ah	10
6.4	Battery voltage		V	48
6.4.1	Battery type			Li-Ion
6.5	Battery weight		kg	5
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	Charger output current