

EPT20-15ET

ELECTRIC PALLET TRUCK 1.5T

 1500 kg
  115 mm
  2*12 V Li-Ion



The EPT20-15ET is ideal for light to medium duty warehouse and logistics operations. Its compact size and low service weight ensure excellent maneuverability, even in narrow aisles. Thanks to optional fork dimensions, castor wheels, and weighing system integration, the truck adapts easily to diverse applications such as goods movement in retail, production facilities, and distribution hubs.

SPECIFICATION	REF	UNIT	VALUE
Battery type			Li-Ion
Battery nominal capacity		Ah	85
Battery voltage		V	2*12
Load capacity	Q	kg	1500
Load centre distance	c	mm	600
Service weight		kg	210
Lift height	h_3	mm	115
Overall length		mm	1632
Overall width	b_1/b_2	mm	560 (685)
Length to face of forks	I_2	mm	482
Fork dimensions	s/e/l	mm	50/150/1150
Turning radius		Wa	1485
Operator type			Pedestrian
Load distance, centre of drive axle to fork		mm	883/946
Wheelbase		mm	1228/1268
Axle loading, laden front/rear		kg	574/1131

Features

Award-winning design

Recipient of the Red Dot Design Award 2012, the EPT20-15ET's innovative structure balances lightweight maneuverability with robust 1.5-ton lifting capacity, setting it apart in its category.

Battery efficiency

Anti-vibration technology extends battery life while the integrated 24V/85Ah battery and charger ensure long-lasting performance with minimal maintenance requirements.

Safe & reliable

A handy emergency disconnect button and a durable driving unit provide enhanced operator safety under any circumstances.

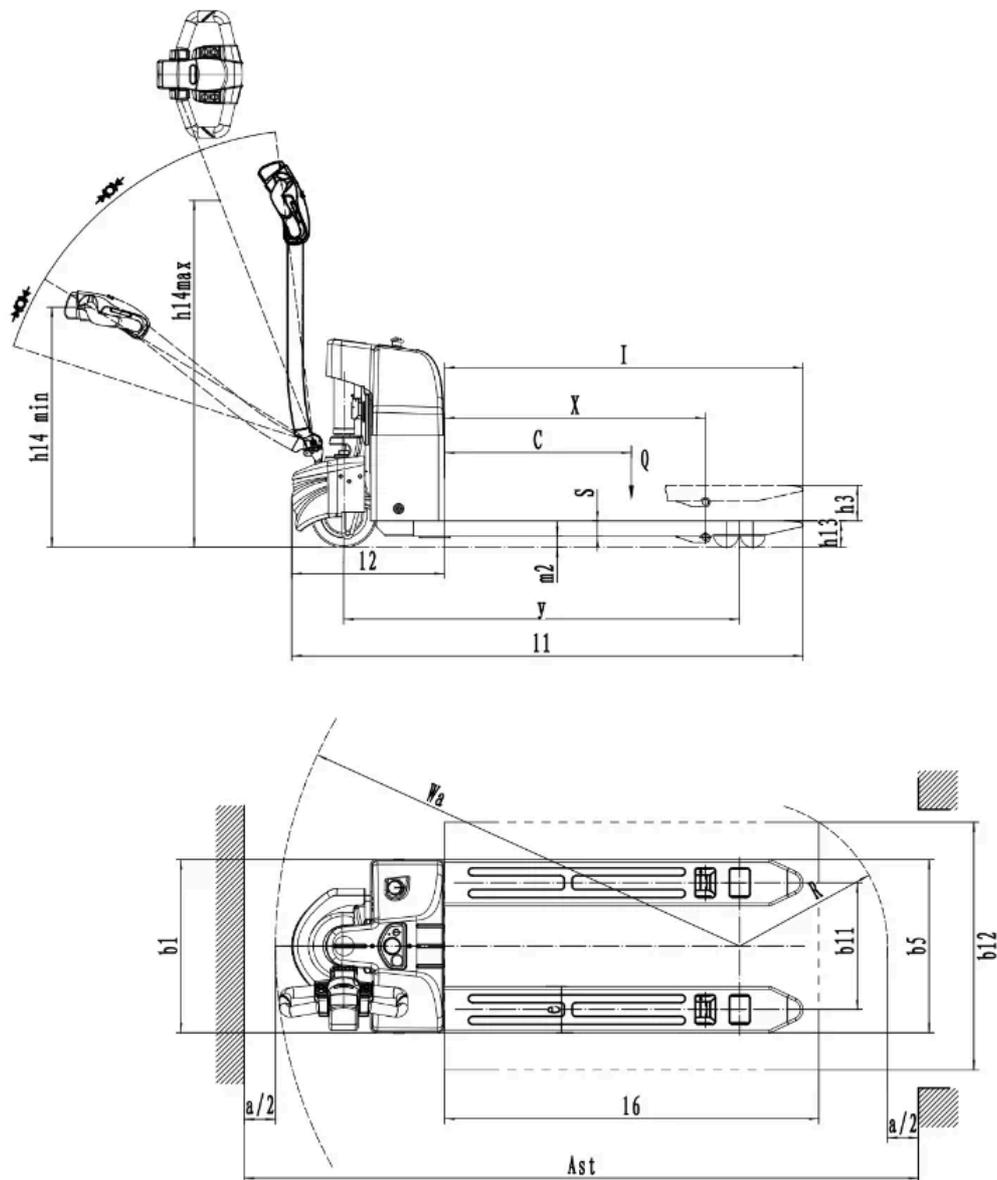
Easy serviceability

The EPT20-15ET simplifies maintenance with its modular construction and quick wheel replacement system, requiring only six nuts for disassembly.

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	883/946
1.9	Wheelbase		mm	1228/1268
2.1	Service weight		kg	210
2.2	Axle loading, laden front/rear		kg	574/1131
2.3	Axle loading, unladen front/rear		kg	165/40
3.1	Tyre type			Polyurethane
3.2	Tyre size, front			210x70
3.3	Tyre size, rear			80x60

	SPECIFICATION	REF	UNIT	VALUE
3.5	Wheels, number front/rear (x=drive wheels)			1x — /4
3.6	Tread width, front	b ₁₀	mm	—
3.7	Tread width, rear	b ₁₁	mm	410 (535)
4.19	Overall length		mm	1632
4.20	Length to face of forks	I ₂	mm	482
4.21	Overall width	b ₁ /b ₂	mm	560 (685)
4.22	Fork dimensions	s/e/1	mm	50/150/1150
4.32	Ground clearance, centre of wheelbase		mm	35 (25)
4.34.1	Aisle width for pallets 1000×1200 crossways		Ast	2290
4.34.2	Aisle width for pallets 800×1200 lengthways		Ast	2160
4.35	Turning radius		Wa	1485
4.4	Lift height	h ₃	mm	115
5.1	Travel speed, laden/unladen		km/h	4 / 4.5
5.10	Service brake			Electromagnetic
5.2	Lifting speed, laden/unladen		m/s	0.022/0.025
5.3	Lowering speed, laden/unladen		m/s	0.034/0.023
5.8	Max. gradeability, laden/unladen		%	5 / 16
6.1	Drive motor rating S2 60 min		kW	0.65
6.2	Lift motor rating at S3 15%		kW	0.84
6.4	Battery nominal capacity		Ah	85
6.4	Battery voltage		V	2*12
6.4.1	Battery type			Li-Ion
6.5	Battery weight		kg	25.5x2
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	85 75 60 40
Load wheel type	Double Single
Load wheel material	PU
Drive wheel material	PU
Battery capacity	85Ah
Charger	24V-15A inside

ITEM	OPTIONS (optional items marked in yellow)
Battery display indicator (BDI)	Without time With time
Castor wheels	No Yes
Fork length	1150 1000 1220
Fork width	560 685