EPT20-15ET

ELECTRIC PALLET TRUCK 1.5T

1500 kg | 115 mm | 24 V AGM

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
Manufacturer			EP
Model designation			EPT20-15ET
Battery voltage		V	24
Rated capacity	Q	kg	1500
Load centre distance	c	mm	600
Service weight		kg	210
Lift	h_3	mm	115
Overall length	l_1	mm	1632
Overall width	b_1/b_2	mm	560 (685)
Length to face of forks	l_2	mm	482
Fork dimensions	s/e/l	mm	50/150/1150
Turning radius	Wa	mm	1485
Drive			Electric
Operator type			Pedestrian
Load distance, centre of drive axle to fork	x	mm	946
Wheelbase	y	mm	1268

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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
1.1	Manufacturer			EP
1.2	Model designation			EPT20-15ET
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	946
1.9	Wheelbase	y	mm	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	Tyres			Polyurethane
3.2	Tyre size, front		mm	210x70

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	SPECIFICATION	REF	UNIT	VALUE
3.3	Tyre size, rear		mm	80x61
3.5	Wheels, number front/rear (x=drive wheels)			1x — /4
3.7	Tread width, rear	b_{11}	mm	410 (535)
4.4	Lift	h_3	mm	115
4.15	Height, lowered	h_{13}	mm	85
4.19	Overall length	l_1	mm	1632
4.20	Length to face of forks	l_2	mm	482
4.21	Overall width	b_1/b_2	mm	560 (685)
4.22	Fork dimensions	s/e/l	mm	50/150/1150
4.25	Distance between fork-arms	b_5	mm	560 (685)
4.32	Ground clearance, centre of wheelbase	m_2	mm	35
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2290
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2160
4.35	Turning radius	Wa	mm	1485
5.1	Travel speed, laden/unladen		km/h	4 / 4.5
5.2	Lift 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
5.10	Service brake			Electromagnetic
6.1	Drive motor rating S2 60 min		kW	0.75
6.2	Lift motor rating at S3 15%		kW	0.8
6.4.1	Battery voltage		V	24
6.4.2	Battery nominal capacity K5		Ah	85
6.4.3	Battery type			AGM
6.5	Battery weight		kg	51
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

Subject to modification of specifications and designs without prior notice as part of continuous product improvement. Images and technical data shown may include optional features and are provided for reference only. All dimensions are subject to standard manufacturing tolerances.

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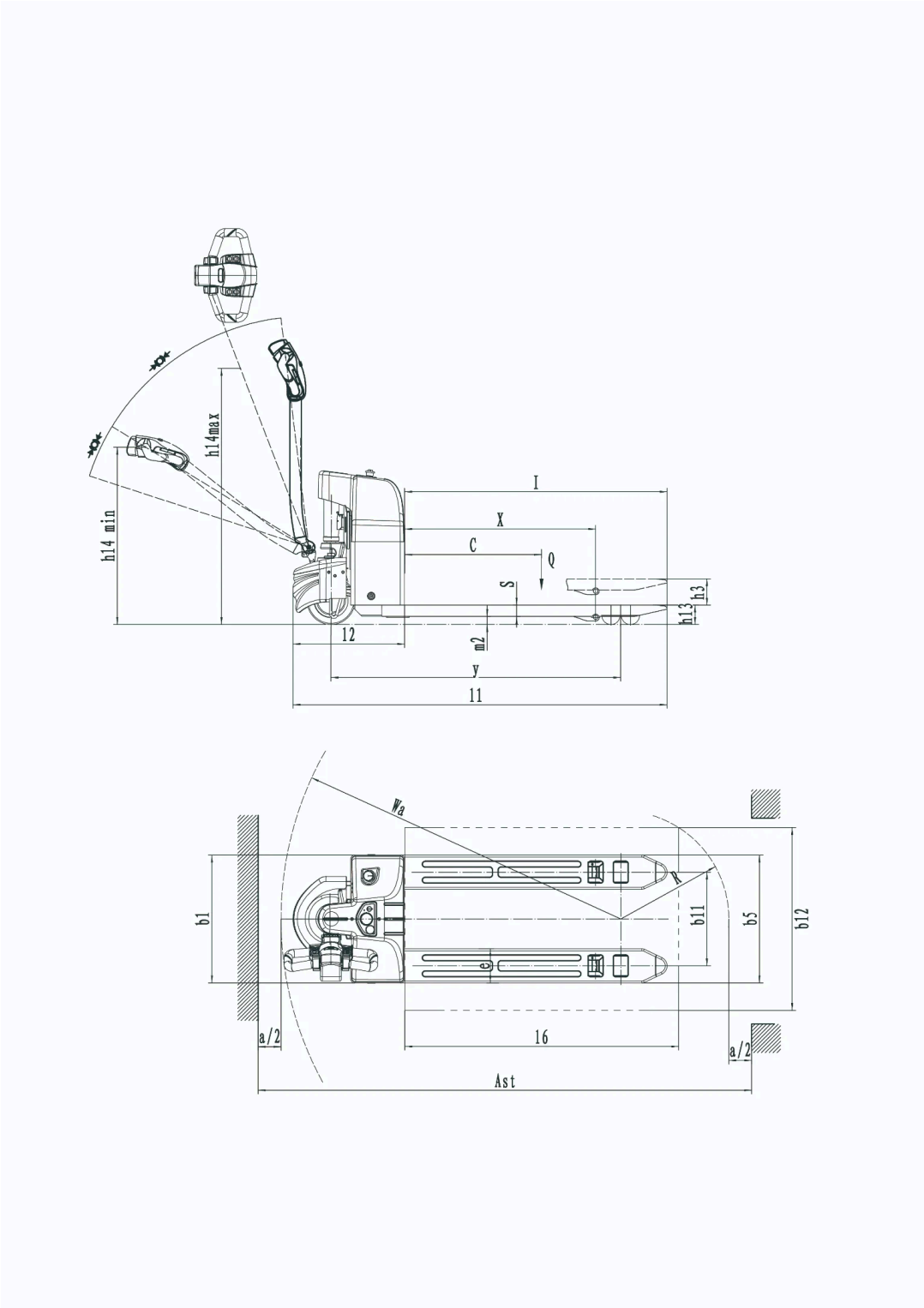
VDI Drawing



Options

ITEM	OPTIONS (optional items marked in yellow)
Fork dimension	560*1150(800~2000) | 685*1150(800~2000)

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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-10A Internal | 24V-15A Internal
Battery indicator	With time
Castor wheels	No | Yes and not customized
Fork length	1150 | 800-2000
Fork width	560 | 685

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