EPT20-15ET2

ELECTRIC PALLET TRUCK 1.5T

1500 kg | 115 mm | 24 V AGM

The EPT20-15ET2 is ideal for indoor environments such as retail stores, small warehouses, and light logistics applications. Its compact design and low service weight (180 kg) enable easy maneuvering in tight spaces. The truck also offers optional attachments including a cargo backrest, storage box, or built-in electric scale, adapting to various operational needs.

SPECIFICATION	REF	UNIT	VALUE
Manufacturer			EP
Model designation			EPT20-15ET2
Battery voltage		V	24
Rated capacity	Q	kg	1500
Load centre distance	c	mm	600
Service weight		kg	173
Lift	h_3	mm	115
Overall length	l_1	mm	1638
Overall width	b_1/b_2	mm	560 (685)
Length to face of forks	l_2	mm	488
Fork dimensions	s/e/l	mm	50/150/1150
Turning radius	Wa	mm	1475
Drive			Electric
Operator type			Pedestrian
Load distance, centre of drive axle to fork	x	mm	946
Wheelbase	y	mm	1261

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Features

Compact & lightweight

With a 1.5-ton capacity and a compact frame, the EPT20-15ET2 offers excellent maneuverability. Its 180 kg service weight makes it easy to operate in tight aisles and small warehouses.

Easy maintenance

A front detachable battery cover and optimized harness layout allow quick access for battery replacement and servicing. This design reduces downtime and ensures reliable long-term performance.

Enhanced safety

Equipped with an upgraded emergency switch and a strong driving wheel cover, the truck improves operator safety during daily operations.

Flexible attachments

The EPT20-15ET2 supports optional add-ons such as an electric scale, cargo backrest, or storage box, allowing customization to meet different application needs.

VDI Chart

	SPECIFICATION	REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			EPT20-15ET2
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	1261
2.1	Service weight		kg	173
2.2	Axle loading, laden front/rear		kg	567/1128
2.3	Axle loading, unladen front/rear		kg	133/40
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	80
4.19	Overall length	l_1	mm	1638
4.20	Length to face of forks	l_2	mm	488
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	30
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2280
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2150
4.35	Turning radius	Wa	mm	1475
5.1	Travel speed, laden/unladen		km/h	4.5/5
5.2	Lift speed, laden/unladen		m/s	0.027/0.038
5.3	Lowering speed, laden/unladen		m/s	0.059/0.039
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	72
6.4.3	Battery type			AGM
6.5	Battery weight		kg	34
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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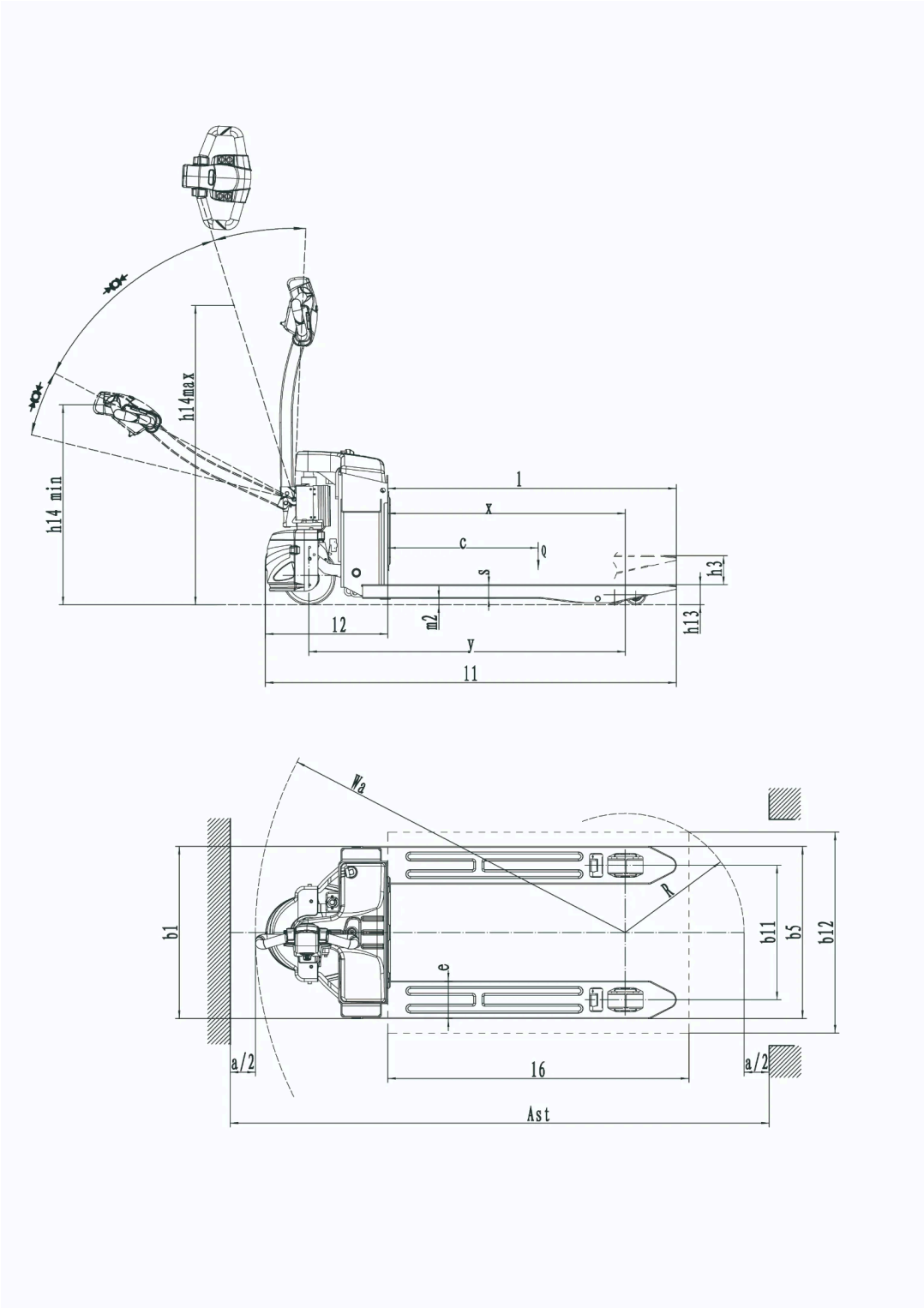
VDI Drawing



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	80 | 60
Load wheel type	Double | Single
Load wheel material	PU
Drive wheel material	PU
Battery capacity	72Ah | 85Ah
Charger	24V-10A 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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