EPT25-WA

HEAVY-DUTY PALLET TRUCK 2.5T

2500 kg | 120 mm | 24 V Lead Acid/Li-ion

The EPT25-WA is ideal for high-intensity pallet transport in distribution centers, warehouses, and loading docks. Its anti-rollback brake, emergency disconnect, and automatic speed reduction features make it a safe choice for operators. Optional cold storage configuration expands its versatility to frozen food and pharmaceutical supply chains.

SPECIFICATION	REF	UNIT	VALUE
Manufacturer			EP
Model designation			EPT25-WA
Battery voltage		V	24
Rated capacity	Q	kg	2500
Load centre distance	c	mm	600
Service weight		kg	565|400
Lift	h_3	mm	120
Overall length	l_1	mm	1769
Overall width	b_1/b_2	mm	710
Fork dimensions	s/e/l	mm	55x170x1150
Turning radius	Wa	mm	1600
Drive			Electric
Operator type			Pedestrian
Load distance, centre of drive axle to fork	x	mm	916/982
Wheelbase	y	mm	1418
Axle loading, laden front/rear		kg	985/1580|820/1580

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Features

High load capacity with compact design

Supporting up to 2500 kg, the EPT25-WA offers strength and endurance in a compact format. With a 1600 mm turning radius, it is maneuverable in narrow aisles despite its heavy-duty capacity.

Advanced AC drive system

The vertical AC traction motor with gearbox provides strong power output, precise control, and reduced maintenance needs. Its robust hydraulic unit ensures smooth and reliable lifting under heavy loads.

Safety-driven engineering

Equipped with anti-rollback brake, emergency disconnect, and automatic speed reduction, the EPT25-WA prioritizes operator protection. The curved chassis and belly button protection further reduce risks in daily use.

Flexible customization

Businesses can adapt the truck with options such as cold storage configuration, weighing system, and telematics. These upgrades extend its usability to specialized environments and modern fleet management systems.

VDI Chart

	SPECIFICATION	REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			EPT25-WA
1.3	Drive			Electric
1.4	Operator type			Pedestrian

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	SPECIFICATION	REF	UNIT	VALUE
1.5	Rated capacity	Q	kg	2500
1.6	Load centre distance	c	mm	600
1.8	Load distance, centre of drive axle to fork	x	mm	916/982
1.9	Wheelbase	y	mm	1418
2.1	Service weight		kg	565|400
2.2	Axle loading, laden front/rear		kg	985/1580|820/1580
2.3	Axle loading, unladen front/rear		kg	460/105|295/105
3.1	Tyres			Polyurethane
3.2	Tyre size, front		mm	Φ230x75
3.3	Tyre size, rear		mm	Φ85x70
3.4	Additional wheels (castor wheels)		mm	Φ85x48
3.5	Wheels, number front/rear (x=drive wheels)			1 x +2 / 4
3.6	Tread width, front	b_{10}	mm	498
3.7	Tread width, rear	b_{11}	mm	515
4.4	Lift	h_3	mm	120
4.9	Height drawbar in driving position min./max.	h_{14}	mm	715/1200
4.19	Overall length	l_1	mm	1769
4.21	Overall width	b_1/b_2	mm	710
4.22	Fork dimensions	s/e/l	mm	55x170x1150
4.25	Distance between fork-arms	b_5	mm	540
4.32	Ground clearance, centre of wheelbase	m_2	mm	30
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2400
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2255
4.35	Turning radius	Wa	mm	1600
5.1	Travel speed, laden/unladen		km/h	5/5.5
5.2	Lift speed, laden/unladen		m/s	0.051/0.060
5.3	Lowering speed, laden/unladen		m/s	0.032/0.039
5.8	Max. gradeability, laden/unladen		%	8/16
6.1	Drive motor rating S2 60 min		kW	1.6
6.2	Lift motor rating at S3 15%		kW	0.84
6.4.1	Battery voltage		V	24
6.4.2	Battery nominal capacity K5		Ah	240|150
6.4.3	Battery type			Lead Acid/Li-ion
6.5	Battery weight		kg	220|50

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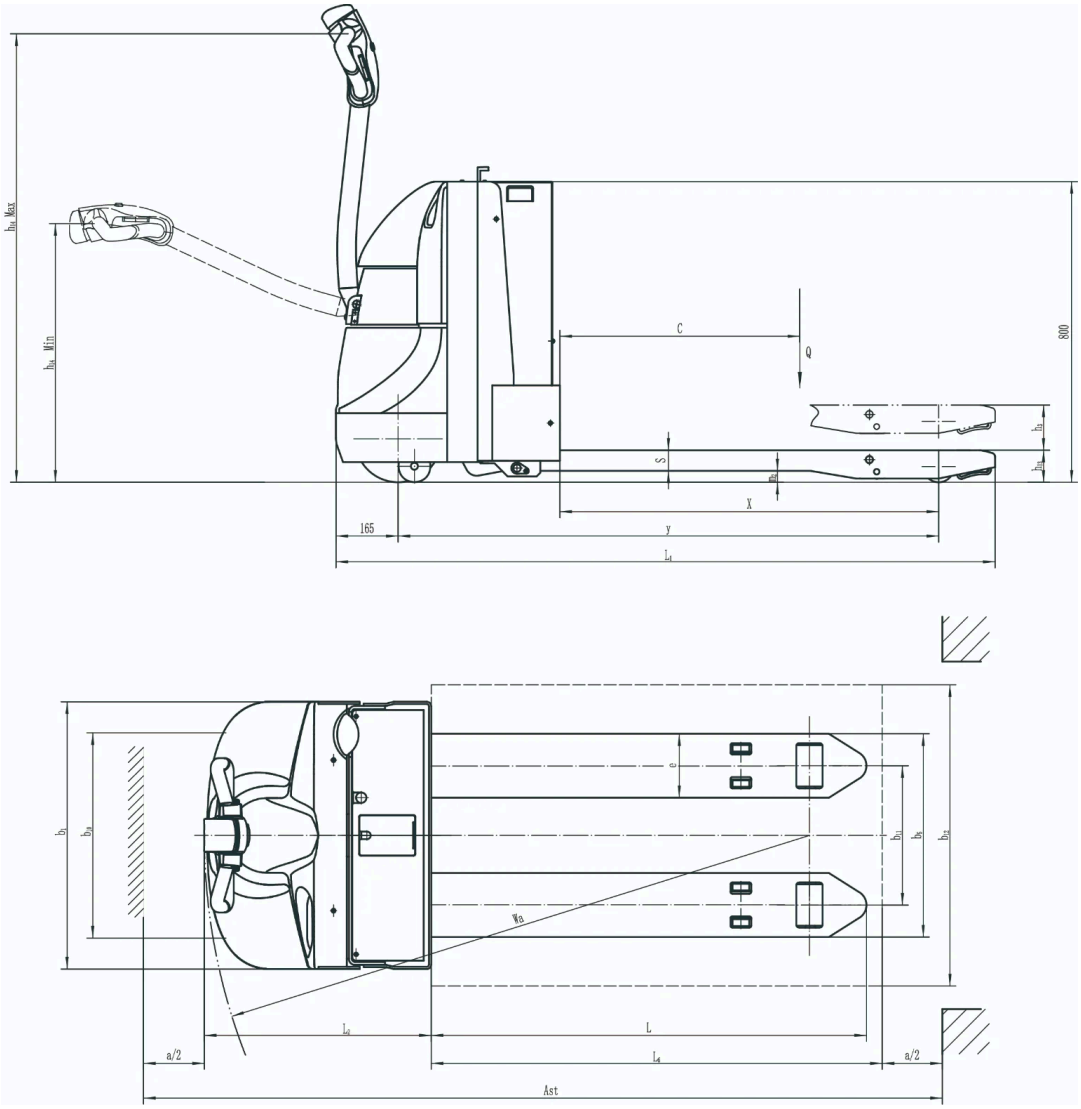
	SPECIFICATION	REF	UNIT	VALUE
6.6	Energy consumption according to DIN EN 16796		kWh/h	0.297
6.7	Turnover output according to VDI 2198			84
6.8	Turnover efficiency according to VDI 2198			177.59
8.1	Type of drive unit			AC
10.7	Sound pressure level at the driver's seat		dB(A)	74
15.1	Charger output current		A	30

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.

VDI Drawing



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Options

ITEM	OPTIONS (optional items marked in yellow)
Fork lowered height	85
Backrest height	no | 1220 | 1520
Load wheel type	Double | Single
Load wheel material	PU
Drive wheel material	PU | Trace PU | Rubber
Front wheel material	PU
Battery capacity	205Ah（Li-ion） | 210Ah (Lead Acid Battery) | 240Ah (Lead Acid Battery)
Charger	24V-50A External | 24V-100AExternal | 24V-30AExternal (Lead Acid battery)
Battery indicator	Yueli hourmeter (with time)
Handle head type	Standard handle head
Castor wheels	Yes and not customized
Buzzer	Yes and not customized
Turtle speed	Yes and not customized
Telematics	Telematics
Anti-static chain	no
Fork length	1150/220 | 850/100/1300/1450/1600/1800/2000 /2200/2400
Drive assembly	Yes and not customized

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