

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
Battery type			Lead Acid/Li-ion
Battery nominal capacity		Ah	240 205
Battery voltage		V	24
Load capacity	Q	kg	2500
Load centre distance	c	mm	600
Service weight		kg	565 400
Lift height	h ₃	mm	120
Overall length		mm	1769
Overall width	b ₁ /b ₂	mm	710
Fork dimensions	s/e/l	mm	55x170x1150
Turning radius		Wa	1600
Operator type			Pedestrian
Load distance, centre of drive axle to fork		mm	916/982
Wheelbase		mm	1418
Axle loading, laden front/rear		kg	985/1580 820/1580
Axle loading, unladen front/rear		kg	460/105 295/105

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.

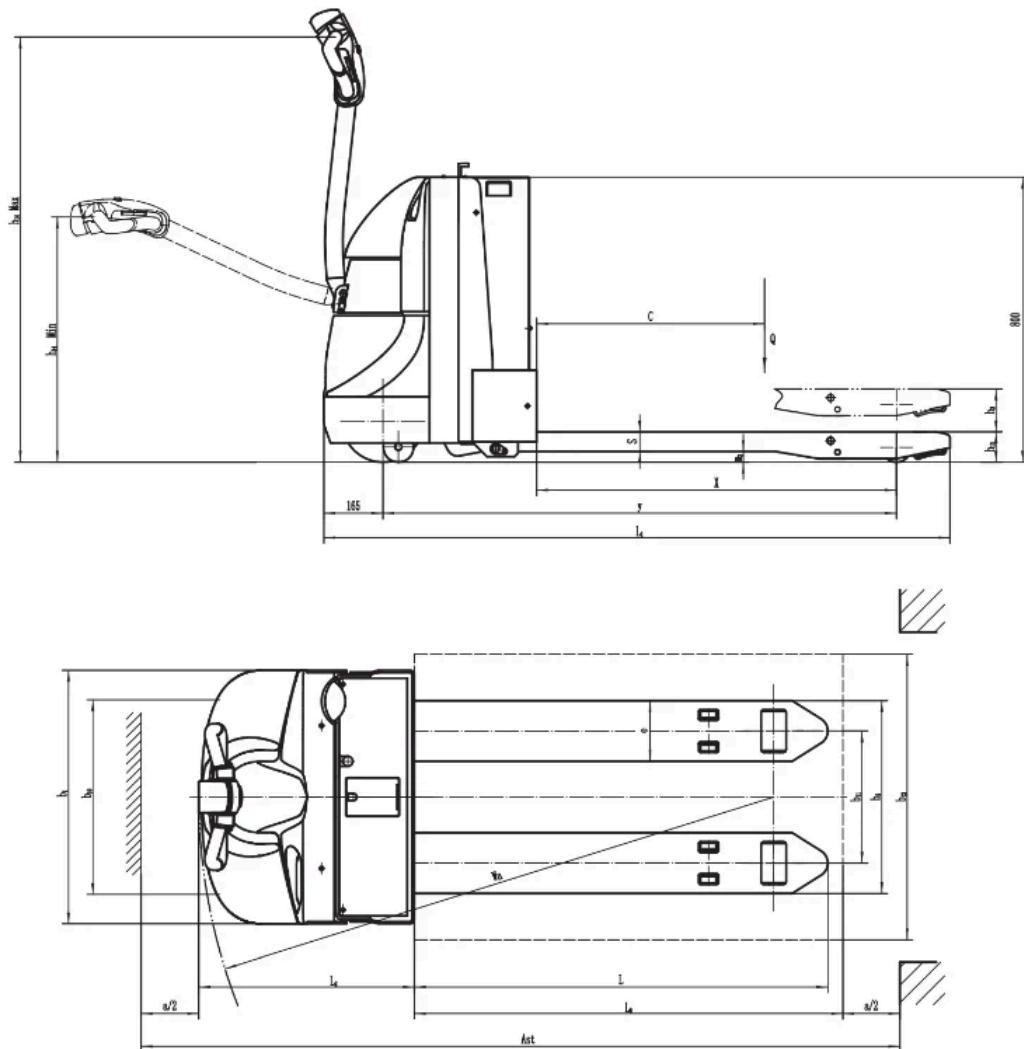
VDI Chart

SPECIFICATION	REF	UNIT	VALUE
1.4 Operator type			Pedestrian
1.5 Load capacity	Q	kg	2500

SPECIFICATION		REF	UNIT	VALUE
1.6	Load centre distance	c	mm	600
1.8	Load distance, centre of drive axle to fork		mm	916/982
1.9	Wheelbase		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	Tyre type			Polyurethane
3.2	Tyre size, front		mm	Φ85x70
3.3	Tyre size, rear		mm	Φ230x75
3.4	Additional wheels (castor wheels)		mm	Φ85x48
3.5	Wheels, number front/rear (x=drive wheels)			1 x +2 / 4
3.6.1	Tread width, front	b ₁₀	mm	498
3.7.1	Tread width, rear	b ₁₁	mm	515
4.0	Max lift height	H	mm	120
4.19	Overall length		mm	1769
4.21	Overall width	b ₁ /b ₂	mm	710
4.22	Fork dimensions	s/e/l	mm	55x170x1150
4.32	Ground clearance, centre of wheelbase		mm	30
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast		2400
4.34.2	Aisle width for pallets 800×1200 lengthways	Ast		2255
4.35	Turning radius	Wa		1600
4.4	Lift height	h ₃	mm	120
4.9	Height of tiller handle in drive position min./max.			715/1200
5.1	Travel speed, laden/unladen	km/h		5/5.5
5.2	Lifting speed, laden/unladen	m/s		0.051/0.060
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	Battery nominal capacity	Ah		240 205
6.4	Battery voltage	V		24
6.4.1	Battery type			Lead Acid/Li-ion
6.5	Battery weight	kg		220 62
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

SPECIFICATION	REF	UNIT	VALUE
8.1 Type of drive control		AC	
10.7 Sound pressure level at the drivers ear		dB(A)	74
15.1 Charger output current		A	30

VDI Drawing



Options

ITEM	OPTIONS (optional items marked in yellow)
Fork lowered height	85
Load wheel type	Double Single
Handle head type	Standard handle head

ITEM	OPTIONS (optional items marked in yellow)
Load wheel material	PU
Drive wheel material	PU Trace PU Rubber
Front wheel material	PU
Battery capacity	205Ah 210Ah (Lead Acid Battery) 240Ah (Lead Acid Battery)
Charger	24V-100A External 24V-50AExternal 24V-30AExternal (Lead Acid battery) 24V-50AExternal (Lead Acid battery)
Battery display indicator (BDI)	Yueli hourmeter (with time)
Buzzer	Yes and not customized
Turtle speed	Yes and not customized
Telematics	Telematics
Castor wheels	Yes and not customized
Anti-static chain	Yes
Fork length	1150/220 850/100/1300/1450/1600/1800/2000 /2200/2400
Fork width	540/685 600/725/790/840/940/1000/1050 /1100/1200
Drive assembly	Yes and not customized