



EPT20-20WA

HEAVY-DUTY PALLET TRUCK 2.0T

 2000 kg  120 mm  24 V Lead Acid/Li-ion



The EPT20-20WA is suited for high-intensity short-distance pallet transport, such as loading docks, distribution centers, and warehouse transfers. Its curved chassis design prevents operator injury, while automatic speed reduction and creep speed mode enhance precision and safety in narrow aisles.

SPECIFICATION	REF	UNIT	VALUE
Manufacturer			EP
Model designation			EPT20-20WA
Battery voltage		V	24
Rated capacity	Q	kg	2000
Load centre distance	c	mm	600
Service weight		kg	530
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	950/1580

Features

Powerful AC drive system

The innovative vertical AC traction motor with gearbox delivers strong performance, precise control, and low maintenance. Combined with a durable hydraulic unit and high-quality components, it ensures reliable uptime even in heavy-duty operations.



Enhanced safety features

With a curved chassis to reduce injury risks, anti-rollback brake, and emergency stop functions, the EPT20-20WA prioritizes operator safety. The belly button protection and automatic speed reduction when the tiller is upright further enhance safe operation in confined areas.

Ergonomic and precise operation

The long ergonomic tiller reduces steering effort and improves maneuverability. Operators benefit from creep speed mode for precise control in narrow spaces, and the wide tiller rotation range ensures flexible handling across applications.



Easy maintenance and flexibility

Key components are easily accessible for inspection and replacement, while the hourmeter and battery indicator help monitor performance. Optional cold storage configuration, weighing system, and telematics allow the truck to be tailored for specific industries and environments.

VDI Chart

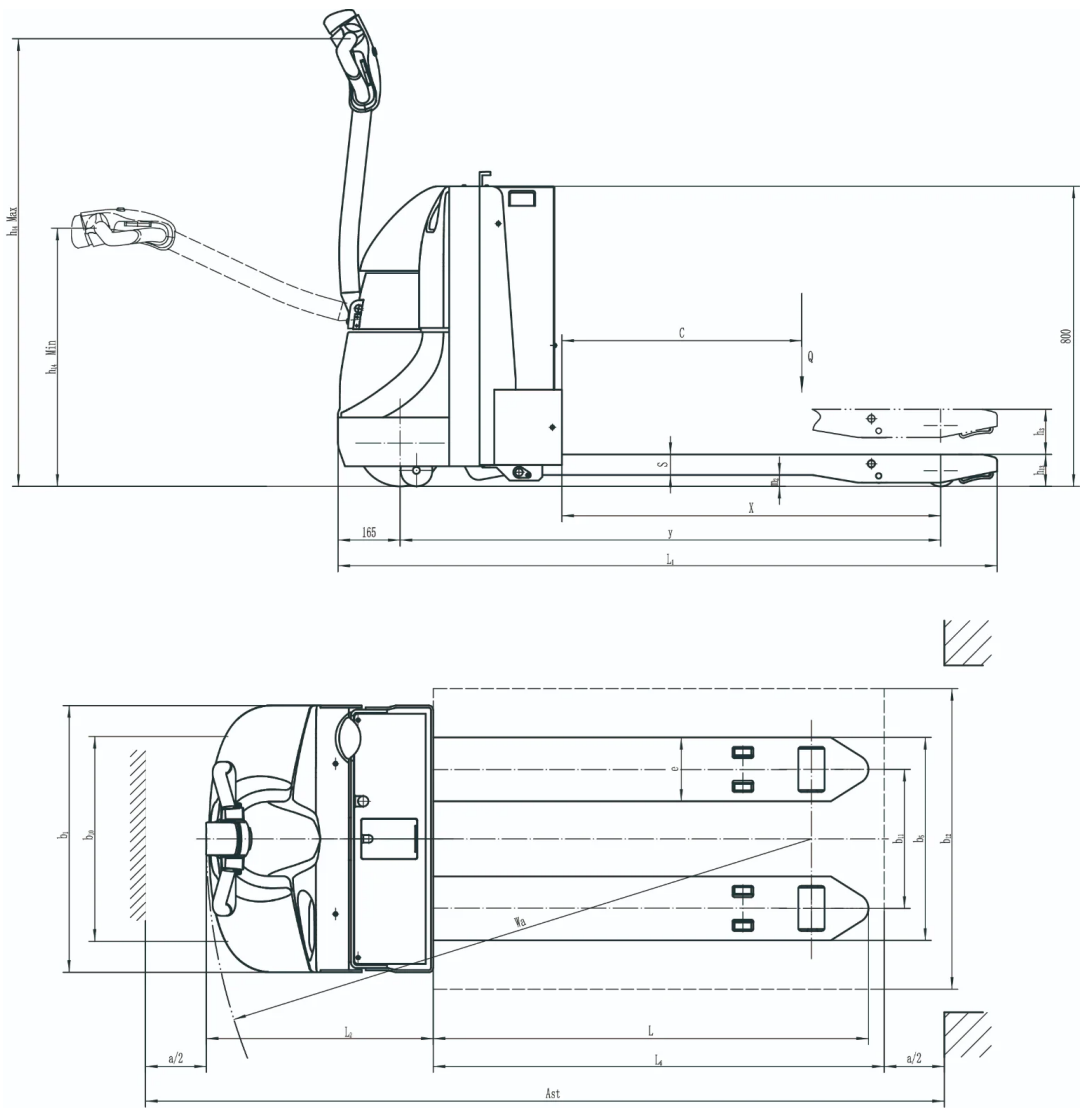
SPECIFICATION		REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			EPT20-20WA
1.3	Drive			Electric

SPECIFICATION		REF	UNIT	VALUE
1.4	Operator type			Pedestrian
1.5	Rated capacity	Q	kg	2000
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	530
2.2	Axle loading, laden front/rear		kg	950/1580
2.3	Axle loading, unladen front/rear		kg	425/105
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)			1x+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	685
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	210 150
6.4.3	Battery type			Lead Acid/Li-ion

	SPECIFICATION	REF	UNIT	VALUE
6.5	Battery weight		kg	195/50
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



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	150Ah (Li-ion) 205Ah (Li-ion) 210Ah (Lead Acid Battery) 240Ah (Lead Acid Battery)
Charger	24V-50A External 24V-100AExternal 24V-30AExternal (Lead Acid battery)
Battery indicator	With hourmeter
Handle head type	Standard handle head
Castor wheels	Yes (2x Φ125)
Buzzer	Yes and not customized
Turtle speed	Yes and not customized
Telematics	Telematics
Anti-static chain	Standard:no
Drive assembly	Yes and not customized
Fork length	1150/220 850/100/1300/1450/1600/1800/2000 /2200/2400