

# EPT20-20WA

## HEAVY-DUTY PALLET TRUCK 2.0T

2000 kg
 120 mm
 24 V



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
Battery nominal capacity		Ah	210
Battery voltage		V	24
Load capacity	Q	kg	2000
Load centre distance	c	mm	600
Service weight		kg	2.3
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	950/1580
Axle loading, unladen front/rear		kg	425/105
Tyre type			Polyurethane

# Features

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## 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

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	SPECIFICATION	REF	UNIT	VALUE
1.4	Operator type			Pedestrian

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	SPECIFICATION	REF	UNIT	VALUE
1.5	Load capacity	Q	kg	2000
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	2.3
2.2	Axle loading, laden front/rear		kg	950/1580
2.3	Axle loading, unladen front/rear		kg	425/105
3.1	Tyre type			Polyurethane
3.2	Tyre size, front			Φ85x70
3.3	Tyre size, rear			Φ230x75
3.5	Additional wheels (castor wheels)			Φ85x48
3.5	Wheels, number front/rear (x=drive wheels)			1x+2/4
3.6	Tread width, front	b <sub>10</sub>	mm	498
3.7	Tread width, rear	b <sub>11</sub>	mm	515
4.19	Overall length		mm	1769
4.21	Overall width	b <sub>1</sub> /b <sub>2</sub>	mm	710
4.22	Fork dimensions	s/e/l	mm	55x170x1150
4.25	Distance between fork-arms			685
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 <sub>3</sub>	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	210
6.4	Battery voltage		V	24
6.5	Battery weight		kg	195
6.5	Charger output current			30
6.6	Energy consumption according to DIN EN 16796		kWh/h	0.297
6.7	Turnover output according to VDI 2198			84



ITEM	OPTIONS (optional items marked in yellow)
Load wheel material	PU
Drive wheel material	PU
Front wheel material	PU
Battery capacity	EPT20-20WA:24V/210Ah AGM   EPT-25WA: 24V/240Ah AGM
Charger	Integrated charger
Battery display indicator (BDI)	With hourmeter
Buzzer	Yes and not customized
Turtle speed	Yes and not customized
Telematics	Telematics
Castor wheels	Yes (2x $\Phi$ 125)
Anti-static chain	Yes
Drive assembly	Yes and not customized