

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	С	mm	600
Service weight		kg	2.3
Lift height	h <sub>3</sub>	mm	120
Overall length		mm	1769
Overall width	b <sub>1</sub> /b <sub>2</sub>	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**

## 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.

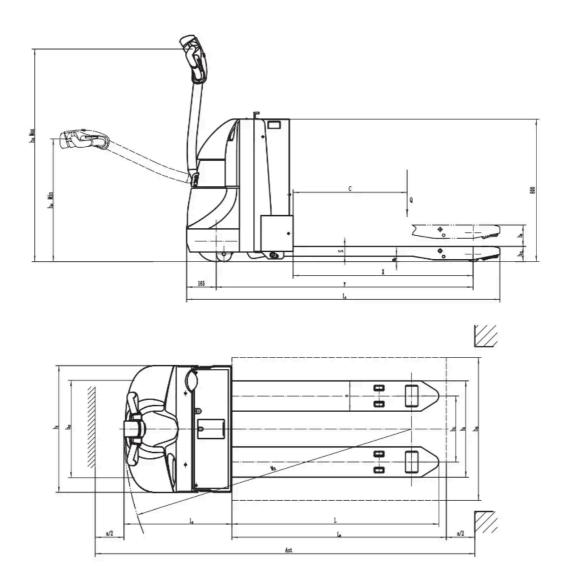
## **VDI Chart**

	SPECIFICATION	REF	UNIT	VALUE
1.4	Operator type			Pedestrian

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         Ф85x70           3.3         Tyre size, rear         Ф230x75           3.5         Additional wheels (castor wheels)         Ф85x48           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 width         mm         1769           4.21         Overall width         b <sub>1</sub> /b <sub>2</sub> mm         710           4.22         Fork dimensions         s/e/1 mm         55x170x1150		SPECIFICATION	REF	UNIT	VALUE
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         Ф85x70           3.3         Tyre size, rear         Ф230x75           3.5         Additional wheels (castor wheels)         Ф85x48           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/1 mm         55x170x1150           4.25         Distance between fork-arms         685           4.34.1         Aisle width for pallets 1000×1200 crossways         Ast         2400	1.5	Load capacity	Q	kg	2000
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       Ф85x70         3.3       Tyre size, rear       Ф230x75         3.5       Additional wheels (castor wheels)       Ф85x48         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       710         4.21       Overall width       b <sub>1</sub> /b <sub>2</sub> mm       710         4.22       Fork dimensions       s/e/1 mm       55x170x1150         4.25       Distance between fork-arms       685         4.34       Aisle width for pallets 1000×1200 crossways       Ast       2400         4.34.1       Aisle width for pallets 800×1200 lengthways       Ast       2255         4.35       Turning radius       Wa       1600	1.6	Load centre distance	С	mm	600
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       Ф85x70         3.3       Tyre size, rear       Ф230x75         3.5       Additional wheels (castor wheels)       Ф85x48         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	1.8	Load distance, centre of drive axle to fork		mm	916/982
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3.2 Tyre size, front  3.3 Tyre size, rear  4230x75  3.5 Additional wheels (castor wheels)  3.6 Tread width, front  3.7 Tread width, rear  4.19 Overall length  4.21 Overall width  4.22 Fork dimensions  4.25 Distance between fork-arms  4.32 Ground clearance, centre of wheelbase  4.34.1 Aisle width for pallets 1000×1200 crossways  4.34.2 Aisle width for pallets 800×1200 lengthways  4.35 Turning radius  4.26 Distance patents	2.3	Axle loading, unladen front/rear		kg	425/105
3.3 Tyre size, rear	3.1	Tyre type			Polyurethane
3.5 Additional wheels (castor wheels) $\Phi 85x48$ 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 $515$ 4.19 Overall length mm $1769$ 4.21 Overall width $b_1/b_2$ mm $710$ 4.22 Fork dimensions $s/e/1$ 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 $1000 \times 1200$ crossways Ast $2400$ 4.34.2 Aisle width for pallets $800 \times 1200$ lengthways Ast $2255$ 4.35 Turning radius Wa $1600$	3.2	Tyre size, front			Ф85х70
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 $515$ 4.19       Overall length       mm $1769$ 4.21       Overall width $b_{1}/b_{2}$ mm $710$ 4.22       Fork dimensions $s/e/1$ 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 $1000 \times 1200$ crossways       Ast $2400$ 4.34.2       Aisle width for pallets $800 \times 1200$ lengthways       Ast $2255$ 4.35       Turning radius       Wa $1600$	3.3	Tyre size, rear			Ф230х75
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4.21Overall width $b_1/b_2$ mm7104.22Fork dimensions $s/e/1$ mm $55x170x1150$ 4.25Distance between fork-arms $685$ 4.32Ground clearance, centre of wheelbasemm $30$ 4.34.1Aisle width for pallets $1000 \times 1200$ crosswaysAst $2400$ 4.34.2Aisle width for pallets $800 \times 1200$ lengthwaysAst $2255$ 4.35Turning radiusWa $1600$	3.7	Tread width, rear	b <sub>11</sub>	mm	515
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4.35 Turning radius Wa 1600	4.34.1	Aisle width for pallets 1000×1200 crossways		Ast	2400
	4.34.2	Aisle width for pallets 800×1200 lengthways		Ast	2255
4.4 Lift height ha mm 120	4.35	Turning radius		Wa	1600
Entrolyne "3 IIIII 120	4.4	Lift height	h <sub>3</sub>	mm	120
4.9 Height of tiller handle in drive position min./max. 715/1200	4.9	Height of tiller handle in drive position min./max.			715/1200
5.1 Travel speed, laden/unladen km/h 5/5.5	5.1	Travel speed, laden/unladen		km/h	5/5.5
5.2 Lifting speed, laden/unladen m/s 0.051/0.060	5.2	Lifting speed, laden/unladen		m/s	0.051/0.060
5.8 Max. gradeability, laden/unladen % 8/16	5.8	Max. gradeability, laden/unladen		%	8/16
6.1 Drive motor rating S2 60 min kW 1.6	6.1	Drive motor rating S2 60 min		kW	1.6
6.2 Lift motor rating at S3 15% kW 0.84	6.2	Lift motor rating at S3 15%		kW	0.84
6.4 Battery nominal capacity Ah 210	6.4	Battery nominal capacity		Ah	210
6.4 Battery voltage V 24	6.4	Battery voltage		V	24
6.5 Battery weight kg 195	6.5	Battery weight		kg	195
6.5 Charger output current 30	6.5	Charger output current			30
6.6 Energy consumption according to DIN EN 16796 kWh/h 0.297	6.6	Energy consumption according to DIN EN 16796		kWh/h	0.297
6.7 Turnover output according to VDI 2198 84	6.7	Turnover output according to VDI 2198			84

	SPECIFICATION	REF	UNIT	VALUE
6.8	Turnover efficiency according to VDI 2198			177.59
8.1	Type of drive control			AC
10.7	Sound pressure level at the drivers ear		dB(A)	74

# **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
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 Φ125)
Anti-static chain	Yes
Drive assembly	Yes and not customized