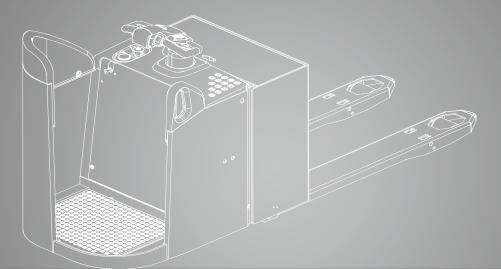


PPFXS20

Low Lift Pallet Truck 2000 kg



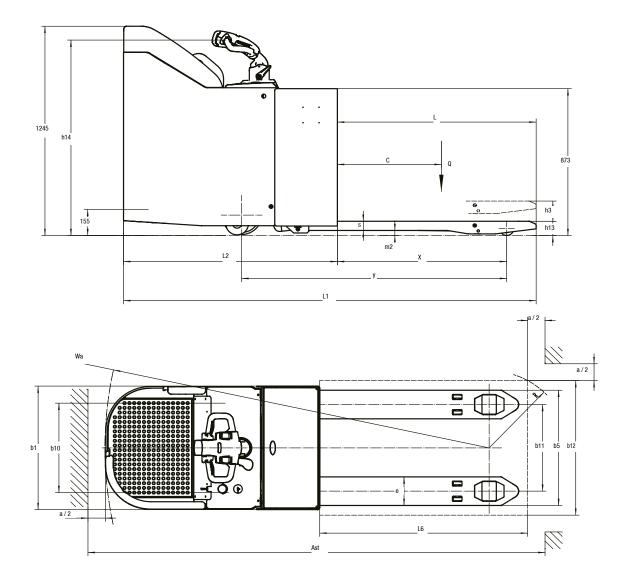


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DIMENSIONS

PPFXS20

$$\begin{aligned} R_{\rm h} &= \sqrt{x^2 + \left(\frac{b_{12}}{2}\right)^2} \\ A_{\rm st} &= W_a + l_6 - x + a \quad \text{ if } \quad R_{\rm h} < W_a \\ A_{\rm st} &= R_{\rm h} + l_6 - x + a \quad \text{ if } \quad R_{\rm h} > W_a \end{aligned}$$



For corresponding data see specification chart.

SPECIFICATIONS

Product Specification acc. VDI 2198

2.3 Axle loading unladen front / rear (Li-lon) kg 688 / 150 (615 / 150) 3.1 Tyres Polyurethane 0 230 x 75 3.2 Tyre size, front 0 230 x 75 0 85 x 70 3.4 Additional wheels (dimensions) 0 130 x 55 0 85 x 70 3.4 Additional wheels (dimensions) 0 130 x 55 1 x + 2 / 4 3.6 Tread, rear b11 (mm) 515 4.4 Lift h3 (mm) 125 4.4 Lift h3 (mm) 210 4.8 Stand height h7 (mm) 200 4.9 Height tiller in driving position min. / max. h14 (mm) 1154 / 1254 4.9 Height tiller in driving position min. / max. m11 (mm) 2381 4.20 Length to face of forks 12 (mm) 1234 4.20 Length to face of forks 12 (mm) 35 4.32 Ground clearance, centre of wheelbase m2 (mm) 35 4.32 Ground clearance, centre of wheelbase m2 (mm) 36 4.33 Aisle wid	4.4	Monufacturar (Abbraulation)		
1.3 Drive 24V Electric 1.4 Operator type Standing 1.5 Rated capacity/rated load Q (kg) 2000 1.6 Load centre distance c (mm) 600 1.8 Load distance x (mm) 977 1.9 Wheelbase y (mm) 1529 2.1 Service weight incl. battery (see 6.5) (Li-lon) kg 838 (765) 2.2 Akle loading, laden front / rear (Li-lon) kg 1058 / 1780 (985 / 1780) 2.3 Akle loading unladen front / rear (Li-lon) kg 688 / 150 (615 / 150) 3.1 Tyres ize, front 0 230 x 75 0 230 x 75 3.5 Wheels, number front/rear (x = driven wheels) 1 x + 2 / 4 3.6 Tread, front b10 (mm) 514 3.7 Tread, rear b11 (mm) 210 4.4 Lift h3 (mm) 120 4.4 Lift h3 (mm) 154 3.7 Tread, rear b11 (mm) 231 4.4 Lift h3 (mm) <td>-</td> <td>•</td> <td></td> <td></td>	-	•		
Second Standing Standing 1.4 Operator type Standing 1.5 Rated capacity/rated load Q (kg) 2000 1.6 Load centre distance c (mm) 600 1.8 Load distance x (mm) 977 1.9 Wheelbase y (mm) 15:29 2.1 Service weight incl. battery (see 6.5) (Li-lon) kg 838 (765) 2.2 Ake loading unladen front / rear (Li-lon) kg 1055 / 1780 (985 / 1780 3.1 Tyres ize, front 0 230 x 75 0 33 Tyre size, rear 0 825 x 70 3.4 Additional wheels (dimensions) 0 130 x 55 0 130 x 55 3.5 3.5 Tread, rear b11 (mm) 515 4.4 Lift h3 (mm) 125 4.4 Lift h3 (mm) <		•		
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4.9 Height tiller in driving position min. / max. h14 (mm) 1154 / 1254 4.9 Height tiller in driving position min. / max. (mm) 1150 / 1470 4.15 Height tiller in driving position min. / max. (mm) 1150 / 1470 4.15 Height tiller in driving position min. / max. (mm) 85 4.19 Overall length 11 (mm) 2381 4.20 Length to face of forks 12 (mm) 1234 4.21 Overall width b1 (mm) 734 4.22 Fork dimensions s • e • 1 (mm) 55 x 170 x 1150 4.25 Distancebetween fork-arms b5 (mm) 685 4.32 Ground clearance, centre of wheelbase m2 (mm) 351 4.33 Aisle width for pallets 1000 x 1200 sideways Ast (mm) 2874 4.35 Turning radius Wa (mm) 2217 5.1 Travel speed, laden / unladen m / s 0.0051 / 0.06 5.3 Lowering speed, laden / unladen % 0.032 / 0.039 5.8 Max. gradeability laden / unladen * 1 6.0 /	4.4	Lift height	h3 + h13 (mm)	210
4.9 Height tiller in driving position min. / max. (mm) 1150 / 1470 4.15 Height lowered h13 (mm) 85 4.19 Overall length I1 (mm) 2381 4.20 Length to face of forks I2 (mm) 1234 4.21 Overall width b1 (mm) 734 4.22 Fork dimensions \$• e • I (mm) 55 x 170 x 1150 4.25 Distancebetween fork-arms b5 (mm) 685 4.32 Ground clearance, centre of wheelbase m2 (mm) 35 4.33 Aisle width for pallets 1000 x 1200 sideways Ast (mm) 2874 4.35 Turning radius Wa (mm) 2217 5.1 Travel speed, laden / unladen m / s 0.051 / 0.06 5.3 Lowering speed, laden / unladen m / s 0.032 / 0.039 5.8 Max. gradeability laden / unladen * 1 6.0 / 16.0 5.10 5.10 Service brake Electric 6.1	4.8	Stand height	h7 (mm)	200
90 4.15 Height lowered h13 (mm) 85 4.19 Overall length 11 (mm) 2381 4.20 Length to face of forks 12 (mm) 1234 4.21 Overall width b1 (mm) 734 4.22 Fork dimensions \$ • e • l (mm) 55 x 170 x 1150 4.25 Distancebetween fork-arms b5 (mm) 685 4.32 Ground clearance, centre of wheelbase m2 (mm) 3017 4.33 Aisle width for pallets 1000 x 1200 sideways Ast (mm) 2874 4.35 Turning radius Wa (mm) 2217 5.1 Travel speed, laden / unladen m / s 0.051 / 0.06 5.2 Lift speed laden / unladen m / s 0.032 / 0.039 5.8 Max. gradeability laden / unladen * 1 6.0 / 16.0 5.10 5.10 Service brake Electric Electric 6.1 Drive motor, rating S2 60 min KW 1.6	4.9	Height tiller in driving position min. / max.	h14 (mm)	1154 / 1254
Section 4.19 Overall length I1 (mm) 2381 4.20 Length to face of forks I2 (mm) 1234 4.21 Overall width b1 (mm) 734 4.22 Fork dimensions s • e • I (mm) 55 x 170 x 1150 4.25 Distancebetween fork-arms b5 (mm) 685 4.32 Ground clearance, centre of wheelbase m2 (mm) 35 4.33 Aisle width for pallets 1000 x 1200 sideways Ast (mm) 2874 4.35 Turning radius Wa (mm) 2217 5.1 Travel speed, laden / unladen m / s 0.051 / 0.06 5.2 Lift speed laden / unladen m / s 0.032 / 0.039 5.8 Max. gradeability laden / unladen * 1 6.0 / 16.0 5.1 5.10 Service brake Electric Electric 6.1 Drive motor, rating S2 60 min KW 1.6	4.9	Height tiller in driving position min. / max.	(mm)	1150 / 1470
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4.22 Fork uninersions S • e • 1 (initi) S × e • 1 (initi) 4.25 Distancebetween fork-arms b5 (mm) 685 4.32 Ground clearance, centre of wheelbase m2 (mm) 35 4.33 Aisle width for pallets 1000 x 1200 sideways Ast (mm) 3017 4.34 Aisle width for pallets 800 x 1200 lengthways Ast (mm) 2874 4.35 Turning radius Wa (mm) 2217 5.1 Travel speed, laden / unladen km / h 8.5 / 10.0 5.2 Lift speed laden / unladen m / s 0.051 / 0.06 5.3 Lowering speed, laden / unladen % 0.032 / 0.039 5.8 Max. gradeability laden / unladen * 1 6.0 / 16.0 5.10 Service brake Electric 6.1 Drive motor, rating S2 60 min KW 1.6	ද <u>ි</u> 4.19	Overall length	l1 (mm)	2381
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4.34 Aisle width for pallets 800 x 1200 lengthways Ast (mm) 2874 4.35 Turning radius Wa (mm) 2217 5.1 Travel speed, laden / unladen km / h 8.5 / 10.0 5.2 Lift speed laden / unladen m / s 0.051 / 0.06 5.3 Lowering speed, laden / unladen % 0.032 / 0.039 5.8 Max. gradeability laden / unladen * 1 6.0 / 16.0 5.10 Service brake Electric 6.1 Drive motor, rating S2 60 min KW 1.6	4.32	Ground clearance, centre of wheelbase	m2 (mm)	35
4.34 Aisle width for pallets 800 x 1200 lengthways Ast (mm) 2874 4.35 Turning radius Wa (mm) 2217 5.1 Travel speed, laden / unladen km / h 8.5 / 10.0 5.2 Lift speed laden / unladen m / s 0.051 / 0.06 5.3 Lowering speed, laden / unladen % 0.032 / 0.039 5.8 Max. gradeability laden / unladen * 1 6.0 / 16.0 5.10 Service brake Electric 6.1 Drive motor, rating S2 60 min KW 1.6	4.33	Aisle width for pallets 1000 x 1200 sideways	Ast (mm)	3017
4.35 Turning radius Wa (mm) 2217 5.1 Travel speed, laden / unladen km / h 8.5 / 10.0 5.2 Lift speed laden / unladen m / s 0.051 / 0.06 5.3 Lowering speed, laden / unladen % 0.032 / 0.039 5.8 Max. gradeability laden / unladen * 1 6.0 / 16.0 5.10 Service brake Electric 6.1 Drive motor, rating S2 60 min KW 1.6				2874
Set 5.1 Travel speed, laden / unladen km / h 8.5 / 10.0 5.2 Lift speed laden / unladen m / s 0.051 / 0.06 5.3 Lowering speed, laden / unladen % 0.032 / 0.039 5.8 Max. gradeability laden / unladen * 1 6.0 / 16.0 5.10 Service brake Electric 6.1 Drive motor, rating S2 60 min kW 1.6				2217
Bit Speed laden / unladen m / s 0.051 / 0.06 5.3 Lowering speed, laden / unladen % 0.032 / 0.039 5.8 Max. gradeability laden / unladen * 1 6.0 / 16.0 5.10 Service brake Electric 6.1 Drive motor, rating S2 60 min KW 1.6	5.1	*		8.5 / 10.0
5.10 Service brake Electric 6.1 Drive motor, rating S2 60 min kW 1.6	5.2		m / s	0.051 / 0.06
5.10 Service brake Electric 6.1 Drive motor, rating S2 60 min kW 1.6	Ĕ 5.3		%	0.032 / 0.039
5.10 Service brake Electric 6.1 Drive motor, rating S2 60 min kW 1.6	6H0 5.8			6.0 / 16.0
6.1 Drive motor, rating S2 60 min kW 1.6				Electric
, 3			kW	1.6
6.2 Lift motor, rating at S3 15 % kW 2.2				2.2
6.3 Battery acc. to DIN 43531/35/36 A, B, C, no DIN 43535 B				DIN 43535 B
			Ah / 5hr	24 V / 375 Ah (24 V / 205 Ah)
3 6.4 Battery voltage, nominal capacity (Li-Ion) Ah / 5hr 24 V / 3/5 An (24 V / 205 Ar 4 6.5 Battery weight (Li-Ion) kg 255 (62) 4 6.6 Energy consumption acc to VDI - cycle kWh / h -	LTC 6.5			
6.6 Energy consumption acc. to VDI - cycle kWh / h	원 6.6			-
- Battery type Traction battery				Traction battery
8.1 Type of drive unit AC				
10.5 Steering design Electronic				
Size of the original design Size of the			12053 dB(A)	

* 1) At friction coeficient $\mu=0.6$ with 1.6 km / h

All data refer to truck in standard design.

All dimensions are subject to the usual tolerances.

CLARK products and specifications are subject to change without notice. Illustrations and technical specifications are not binding for the execution.

PRODUCT DESCRIPTION

The CLARK PPFXS20 low lift truck is a robust and value-resistant low lift truck for industrial use, built according to the Built-to-last® principle. Whether for loading and unloading trucks or for heavy material transport in the warehouse, CLARK warehouse technology is designed for tough applications and can be equipped with batteries up to 375 Ah. The optional side battery change makes two- and three-shift operations possible.

Productivity

All controls and functions for lifting, lowering and driving are positioned within easy reach in the ergonomic safety tiller and can be operated intuitively by both left- and right-handed operators. The fully electric power steering is particularly smooth and allows precise and safe manoeuvring even in the tightest spaces. The operator can thus concentrate fully on transporting goods.

Three-phase traction motor

The maintenance-free and enclosed 1.6 kW three-phase traction motor with a maximum speed of 10 km/h and the powerful 2.2 kW hoist motor ensure maximum efficiency when lifting and lowering loads on the PPFXS20.

Operator platform

The driver's platform of the PPFXS20 is fully suspended and guarantees vibration-free operation on long distances so that the driver can concentrate on his work. The platform's tread has a non-slip surface and additional suspension for optimum comfort. The very low step height also makes it easier to get on and off the platform in everyday work. Should the driver leave the platform, the vehicle automatically switches to stand-by mode and the unit can no longer be moved.

Battery compartment and charging technology

The large battery compartment for a 375 Ah battery is available as standard for the PPFXS20 series.

Lithium -lon -battery

For intensive applications, such as multi-shift operation, where the focus is on high availability, the PPFXS20 is also available with a lithium-ion battery (205 Ah). The lithium-ion battery can be easily recharged without limiting the service life. Recharging the battery is possible at any 230-volt socket. In only 10 minutes 7 % of the battery capacity can be recharged

FEATURES & ADVANTAGES

PPFXS20

The two-ton PPFXS20 has an integrated operator platform with padded side walls. This offers the operator maximum comfort, especially on longer journeys. The low-lift truck is thus ideal for use in the transport of goods by road, the loading and unloading of trucks via ramps as well as for the order picking of a wide variety of goods in industry, trade and distribution.

• Performance & Safety

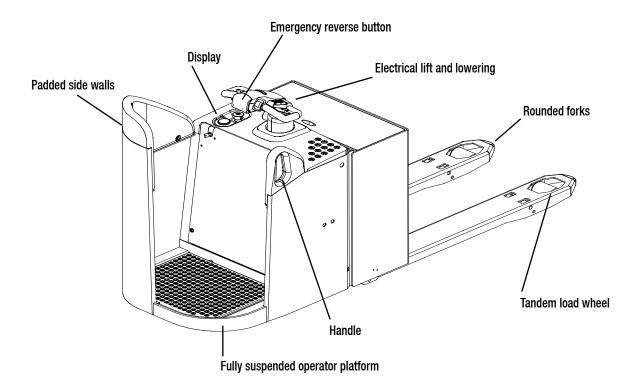
- Powerful acceleration through AC technology
- Battery capacity with lead-acid battery: 375 Ah
- Battery capacity with lithium-ion battery: 205 Ah
- Automatic stop on slopes and ramps (automatic parking brake)
- Automatic braking when the tiller head is released
- Ergonomic safety tiller
- Side battery change enables multi-shift operation

Reliability & Serviceability

- Error code indication in display
- Proven AC controllers
- · Easy access for service and maintenance thanks to one-piece hood
- · Robust metal battery cover

Comfort & Ergonomics

- · Sensitive travel switch allows safe and precise operation
- · Easy-to-grip integration of all travel and lift switches in the drawbar
- · Unloading indicator in a convenient position for viewing



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EQUIPMENT EXTRAS



		PPFXS20
	Reliable low-maintenance AC traction motor	•
	Adjustable steering column	•
General	Load backrest	Х
	Ergonomic operator platform	•
	Different fork dimensions	Х
	Travel speed 10 km / h	•
	Single load wheel (Polyurethane)	Х
	Tandem load wheel (Polyurethane)	•
Drive and battery	Pallet entry wheels	Х
options	Power steering	•
	Battery discharge indicator	•
	Side battery removal for lead-acid-battery	Х
	Lead-acid-battery with 375 Ah	•
	Li-Ion-battery with 205 Ah	Х
	Key switch activation	•
	Automatic lift stop at max. lift	•
Safety	Automatic parking brake	•
	Comfort and safety tiller	•
	Control of all drive commands left - and right handed	•

• = Standard Equipment, x = Option, - = not available

Dealer:

CLARK Europe GmbH

Dr.-Alfred-Herrhausen-Allee 33 47228 Duisburg / Germany Tel.: +49 (0)2065 499 13-0 Fax: +49 (0)2065 499 13-290 E-Mail: Info-europe@clarkmheu.com www.clarkmheu.com