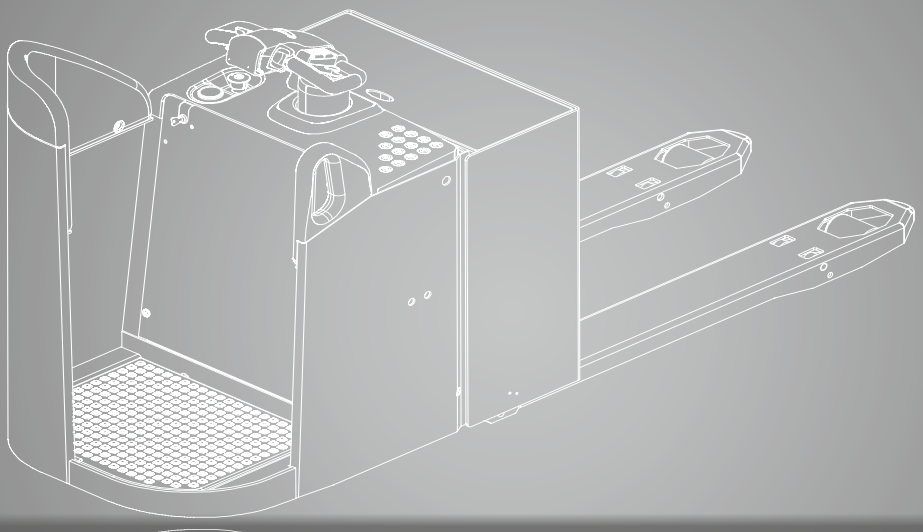
CLARK
THE FORKLIFT

PPFXS20

Low Lift Pallet Truck
2000 kg



LI-ION
CLARK Lithium-Ion-Power

www.clarkmheu.com

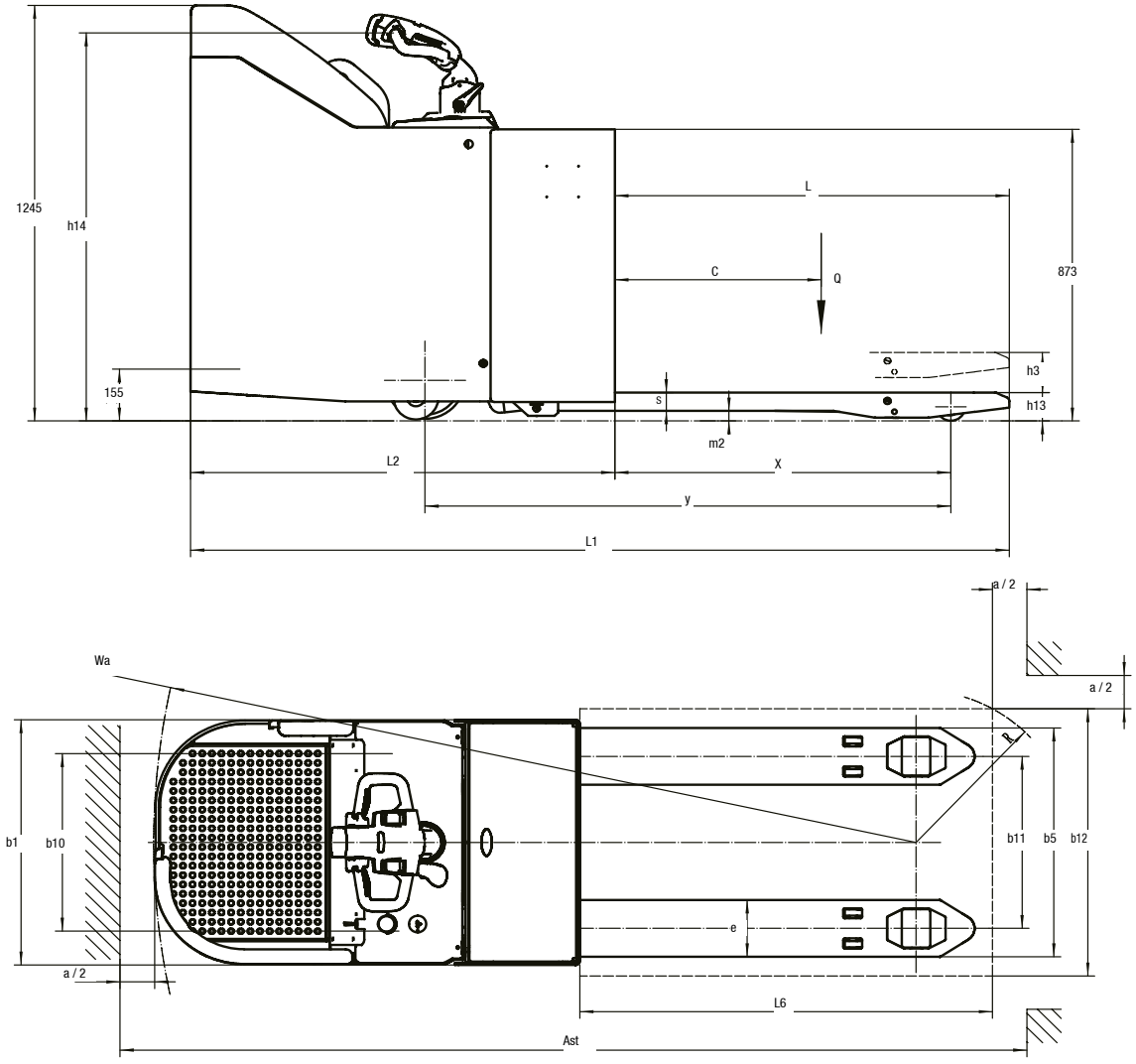
DIMENSIONS

PPFXS20

$$R_h = \sqrt{x^2 + \left(\frac{b12}{2}\right)^2}$$

$A_{st} = W_a + l6 - x + a$ if $R_h < W_a$

$A_{st} = R_h + l6 - x + a$ if $R_h > W_a$



For corresponding data see specification chart.

SPECIFICATIONS

Product Specification acc. VDI 2198

	1.1 Manufacturer (Abbreviation)		**CLARK**
Specifications	1.2 Manufacturer's designation		**PPFXS20**
	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
Weight	2.1 Service weight incl. battery (see 6.5) (Li-Ion)	kg	838 (765)
	2.2 Axle loading, laden front / rear (Li-Ion)	kg	1058 / 1780 (985 / 1780)
	2.3 Axle loading unladen front / rear (Li-Ion)	kg	688 / 150 (615 / 150)
Tyres, Chassis	3.1 Tyres		Polyurethane
	3.2 Tyre size, front		Ø 230 x 75
	3.3 Tyre size, rear		Ø 85 x 70
	3.4 Additional wheels (dimensions)		Ø 130 x 55
	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)	515
Dimensioons	4.4 Lift	h3 (mm)	125
	4.4 Lift height	h3 + h13 (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.	(mm)	1150 / 1470
	4.15 Height lowered	h13 (mm)	85
	4.19 Overall length	l1 (mm)	2381
	4.20 Length to face of forks	l2 (mm)	1234
	4.21 Overall width	b1 (mm)	734
	4.22 Fork dimensions	s • 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)	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
Performance	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
Electrics	6.1 Drive motor, rating S2 60 min	kW	1.6
	6.2 Lift motor, rating at S3 15 %	kW	2.2
	6.3 Battery acc. to DIN 43531/35/36 A, B, C, no		DIN 43535 B
	6.4 Battery voltage, nominal capacity (Li-Ion)	Ah / 5hr	24 V / 375 Ah (24 V / 205 Ah)
	6.5 Battery weight (Li-Ion)	kg	255 (62)
	6.6 Energy consumption acc. to VDI - cycle	kWh / h	-
	- Battery type		Traction battery
	8.1 Type of drive unit		AC
	10.5 Steering design		Electronic
Misc.	10.7 Sound pressure level at the driver's ear acc. to EN 12053	dB(A)	74

* 1) At friction coeficient μ = 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 –Ion –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

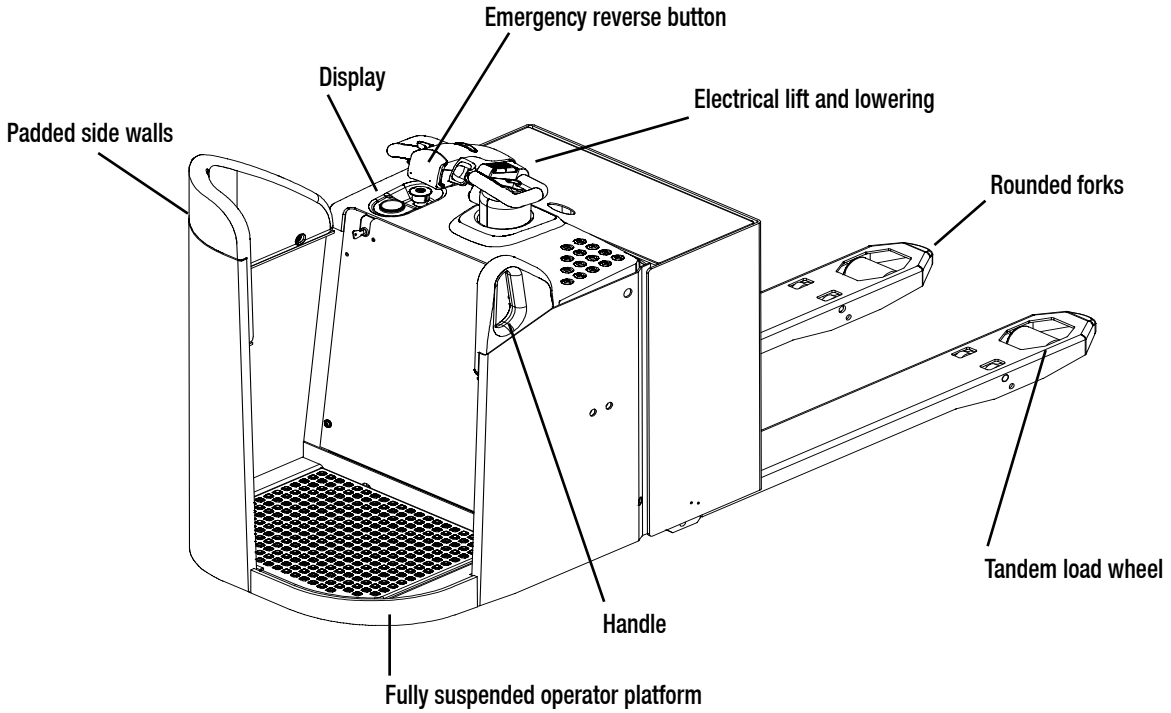
The two-ton PPFXS20 has an integrated operator platform with padded side walls. This offers the operator maximum comfort, especially on longer journeys. The low-lift truck is thus ideal for use in the transport of goods by road, the loading and unloading of trucks via ramps as well as for the order picking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



EQUIPMENT EXTRAS

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

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

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Dealer:

05/2023

Valid for Lot-No.: PPFXS: 8300