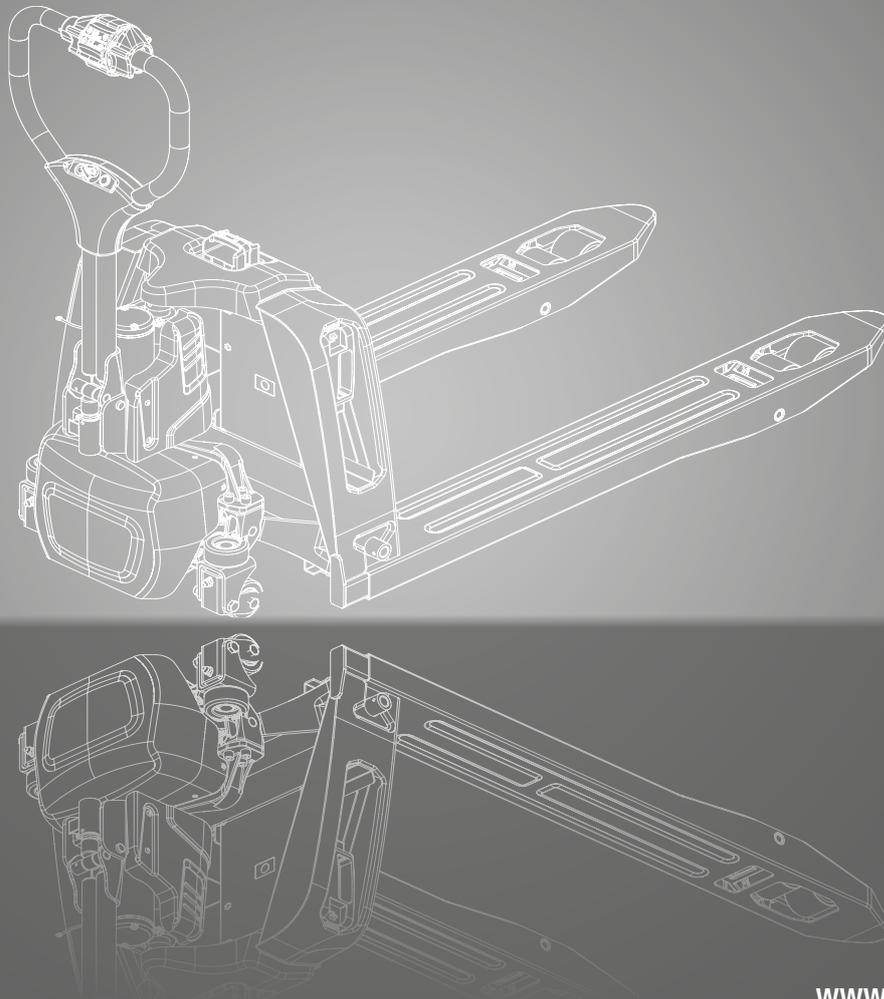


LWio15

Lithium-Ion Low-lift Pallet Truck
1500 kg



SPECIFICATIONS

Product Specification acc. to VDI 2198

1.1 Manufacturer (Abbreviation)		CLARK
Specifications	1.2 Manufacturer's designation	LWio15
	1.3 Drive	24 V Electric
	1.4 Operator type	Pedestrian
	1.5 Rated capacity/rated load	Q (kg) 1500
	1.6 Load centre distance	c (mm) 600
	1.8 Load distance	x (mm) 950
	1.9 Wheelbase	y (mm) 1180
Weight	2.1 Service weight incl. battery (see 6.5)	kg 120
	2.2 Axle loading, laden front/rear	kg 480 / 1140
	2.3 Axle loading, unladen front/rear	kg 90 / 30
Tyres, Chassis	3.1 Tyres	Polyurethane
	3.2 Tyre size, front	Ø 210 x 70
	3.3 Tyre size, rear	Ø 80 x 60
	3.4 Additional wheels (dimensions)	Ø 74 x 30
	3.5 Wheels, number front/rear (x = driven wheels)	1 x + 2 / 4
	3.6 Tread, front	b10 (mm) 450
	3.7 Tread, rear	b11 (mm) 535 / 410
Dimensions	4.4 Lift	h3 (mm) 105
	4.4 Lift height	h3 + h13 (mm) 187
	4.9 Height tiller in driving position min./max.	h14 (mm) 750 / 1190
	4.15 Height, lowered	h13 (mm) 82
	4.19 Overall length	l1 (mm) 1550
	4.20 Length to face of forks	l2 (mm) 400
	4.21 Overall width	b1 (mm) 590
	4.22 Fork dimensions	s • e • l (mm) 50 x 150 x 1150
	4.25 Width across forks	b5 (mm) 560
	4.32 Ground clearance, centre of wheelbase	m2 (mm) 25
4.33 Aisle width for pallets 1.000 x 1.200 sideways	Ast (mm) 2160	
4.34 Aisle width for pallets 800 x 1.200 lengthways	Ast (mm) 2025	
4.35 Turning radius	Wa (mm) 1360	
Performance	5.1 Travel speed, laden/unladen	km/h 4 / 4,5
	5.2 Lift speed, laden/unladen	m/s 0,017 / 0,020
	5.3 Lowering speed, laden/unladen	m/s 0,046 / 0,058
	5.8 Max. gradeability, laden/unladen *1	% 5 / 16
	5.10 Service brake	Electric
Electrics	6.1 Drive motor rating S2 60 min	kW 0,75
	6.2 Lift motor rating at S3 15 %	kW 0,5
	6.3 Battery acc. to DIN 43531/35/36 A, B, C, no	No
	6.4 Battery voltage/nominal capacity (5hr)	V/Ah 24 / 20
	6.5 Battery weight	kg 5
	6.6 Energy consumption acc. to VDI cycle	kWh/h -
	- Battery type	Lithium-ion
8.1 Type of drive unit	DC	
Misc.	10.5 Steering design	Mechanical
	10.7 Sound pressure level at the driver's seat acc. to EN 12053	dB(A) <74

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

All data refer to trucks in standard design.

Performance may vary + 5 % and - 10 % due to motor and system efficiency tolerance. The performance shown represents nominal values which may be obtained under typical operating conditions of a machine. CLARK products and specifications are subject to change without notice.

EQUIPMENT EXTRAS

		LWio15
General	Easy to handle lithium-ion battery (5 kg)	•
	Truck net weight, including battery 120 kg (incl. battery)	•
	External charger (24 V / 5 A)	•
	External charger (24 V / 10 A)	X
	Electrical lift and lowering and electrical drive system	•
Drive Options	Tandem load wheel (Polyurethane)	•
	Castor wheels	X
	Spare lithium-ion battery	X
	Battery discharge indicator	•
Dimensions	Width across forks: 560 mm	•
	Width across forks: 685 mm	X
	Fork length 1150 mm	•
	Fork length 900 mm, 1000 mm, 1220 mm or 1500 mm	X
Safety	Key switch activation	•
	Brakes automatically when the tiller is released	•
	Automatic parking brake	•
	Belly switch	•

• = Standard Equipment; x = Option

FEATURES & ADVANTAGES

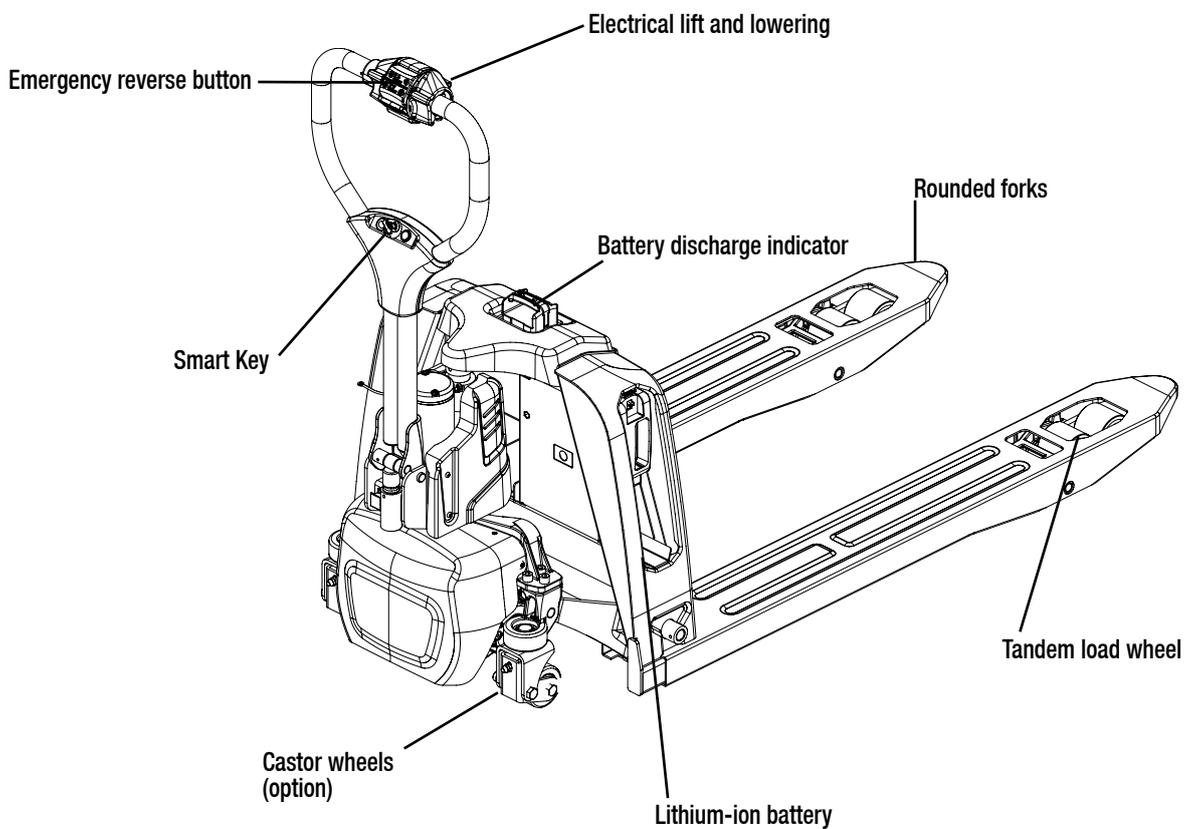
LWio15

Application

- 24 Volt drive with Li-ion Power
- Smooth and quiet operation
- Always usable with the lithium-ion battery from top-up charging
- Quick charging times
- Programmability for adapted driving behavior
- Maneuverability in tight corners
 - Total width (b1) only 590 mm
 - Length to fork face (l2) only 400 mm
 - Turning radius (WA) only 1360 mm

Electrical lifting and lowering

- Drive and operating controls in easy reach position
- Automatic braking when the tiller arm is released
- Suitable for both left- and right-handed users



LWio15

The LWio15 – Powerful and cost-efficient

The LWio15 is the perfect device for performing light transport tasks in industry, trade and logistics in an extremely cost-efficient manner. The vehicle drives and lifts purely electrically. With an L2 dimension (length including fork back) of only 400 mm, the LWio15 is extremely compact and thus ideally suited for use in confined spaces, e.g. in cramped storage areas or salesrooms of all kinds. Another advantage is the vehicle's low dead weight of only 120 kg.

Due to the maintenance-free lithium-ion battery and the integrated charger, no major changes are required in the daily work routine to replace conventional low-lift trucks with the LWio15. The device is the ideal helper for medium-intensity operations in goods distribution, production or in the warehouse.

The CLARK LWio15 has an easily recognizable battery discharge indicator. The driver thus has the current charge status in view at all times in order to start an intermediate charge in good time. If the vehicle is equipped with two batteries, it is also possible to switch to the second battery to avoid downtimes.

Advantages of Lithium-ion technology in the LWio15

High performance in a compact design

With the CLARK LWio15, the choice between one 24 V, 20 Ah Li-ion battery or optionally two 24 V, 20 Ah Li-ion batteries ensures flexible use, especially for longer applications. If you decide to use only one battery, a practical storage compartment is available instead of the second battery. This storage compartment can be used for the vehicle's charger or other smaller items. A convenient and practical way to keep other utensils close at hand without increasing the space requirement of the low-lift truck.

Double service life + maintenance-free battery

The lithium-ion battery used has a longer service life than conventional lead-acid batteries. In addition, there is no need for maintenance, such as checking the water level around the lithium-ion battery. There are no costs for adapting the charging infrastructure (e.g. for ventilation).

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