



# WPL25

Lithium-Ion Electric Hand Pallet Jack



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**CLARK**  
THE FORKLIFT



Load capacity:  
max. 1,200 kg



Lift height:  
max. 195mm



Travel speed:  
max. 4.5km/h



Stacking aisle width:  
min. 1,640mm



Lithium-Ion Battery:  
Rapid Charging



Drive motor rating:  
0.65 kW

**Extremely compact and light weight, the CLARK WPL25 is ready to go with it's rapid charging lithium-ion battery. High on safety and low on effort, the WPL25 is the must have replacement to a manual pallet jack!**

The WPL25 CLARK Lithium-Ion Electric Hand Pallet Jack is an ideal alternative to traditional manual hand pallet jacks. The removeable battery pack features the latest lithium-ion battery technology, rapid charging, top-up charging and double service life all in a small package.

A full recharge is achievable within only 2.5 hours with charging to 60% from full discharge taking only 40 minutes. With no battery acid, maintenance is reduced compared to a standard lead acid battery.

**The WPL25 is ideal for transporting all kinds of goods over short distances in applications such as industrial, logistics and retail.**

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# PRODUCT DESCRIPTION

## WPL25 - Features and Benefits

- Lithium-ion powered lifting removed the effort out of a job needed with a manual pallet jack
- Ready to go with rapid charging lithium-ion battery - After a deep discharge, 60% charge reached in 40 minutes or full capacity after 2.5 hours
- Up to 3 hours of operation on a single charge
- Reduces the risk of injury associated with a manual pallet jack
- Easy to use with intuitive operation and no forklift licence required
- Extremely compact and low weight (just 130kg) makes it ideal for transport in trucks or on tail lifts
- Convenient charge station is small in size and weight and plugs into a standard power point – the battery itself weighs just 5.1 kg!
- 30% less energy consumption than similar models with a lead-acid battery
- Twice the service life of conventional lead-acid battery with approximately 1,000 charge cycles
- Know your operation time left with smart display with battery charge and hour meter
- Gets into confined spaces larger materials handling equipment cannot fit in
- Ergonomic design with easily accessible controls
- Safe with built in horn and belly button reversing switch

## Advantages of lithium-ion technology in the WPL25

### High performance in a compact design

The high energy density of the installed lithium-ion battery provides great travel performance and long operating periods of up to 3 hours. At the same time, the WPL25 is very compact and has a low service weight, which means it consumes up to 30 % less energy than vehicles with lead-acid batteries.

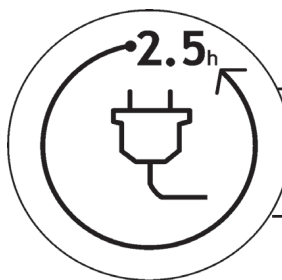
### Fast charging + top-up charging

Top-up charging can be used between full charges without affecting the service life of the battery. The battery can be recharged with any 240 V socket. No costs are incurred for adapting the existing charging infrastructure (e.g. ventilation).

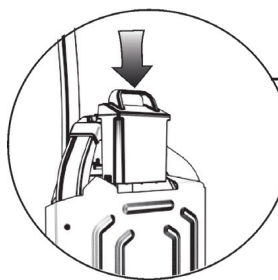
After deep discharge cycle, charging to 60% battery capacity takes only 40 minutes and the battery is charged to full capacity after 2.5 hours.

### Double service life + maintenance-free battery

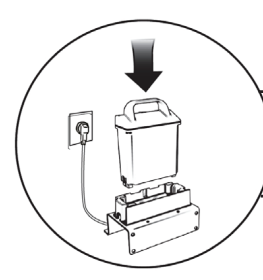
The lithium-ion battery has approximately twice the service life of a conventional lead-acid battery (approximately 1,000 charge cycles). Furthermore, it does not require any maintenance with regard to battery acid.



Rapid charging,  
fully recharged  
within only  
2.5 h



Lithium-Ion  
battery weight of  
only 5.1 kg



Charging at  
any standard  
240 V socket

## WPL25

$$A_{st} = R_h + l_6 - x + a \quad \text{if} \quad R_h > W_a$$





# SPECIFICATIONS

## WPL25

### Product Specification acc. to VDI 2198

	1.1	Manufacturer (Abbreviation)	CLARK
Specifications	1.2	Manufacturer's designation	WPL25
	1.3	Drive	24V Electric
	1.4	Operator type	Pedestrian
	1.5	Rated capacity/rated load Q (kg)	1200
	1.6	Load centre distance c (mm)	600
	1.8	Load distance x (mm)	880
	1.9	Wheelbase y (mm)	1120
Weight	2.1	Service weight incl. battery (see 6.5) kg	130
	2.2	Axle loading, laden front/rear kg	420/910
	2.3	Axle loading, unladen front/rear kg	110/20
Tyres, Chassis	3.1	Tyres	Polyurethane
	3.2	Tyre size, front	Ø 210x70
	3.3	Tyre size, rear	Ø74x88
	3.4	Additional wheels (dimensions)	-
	3.5	Wheels, number front/rear (x = driven wheels)	1x / 2
	3.6	Tread, front b10 (mm)	-
	3.7	Tread, rear b11 (mm)	410
Dimensions	4.4	Lift h3 (mm)	115
	4.4	Lift height h3 + h13 (mm)	195
	4.9	Height tiller in driving position min./max. h14 (mm)	750/1190
	4.15	Height, lowered h13 (mm)	80
	4.19	Overall length l1 (mm)	1540
	4.20	Length to face of forks l2 (mm)	390
	4.21	Overall width b1 (mm)	685
	4.22	Fork dimensions s • e • l (mm)	53x150x1150
	4.25	Outside width of the forks b5 (mm)	685
	4.32	Ground clearance, centre of wheelbase m2 (mm)	27
	4.33	Aisle width for pallets 1000 x 1200 sideways Ast (mm)	1640
	4.34	Aisle width for pallets 800 x 1200 lengthways Ast (mm)	1840
	4.35	Turning radius Wa (mm)	1390
Performance	5.1	Travel speed, laden/unladen km/h	4.0/4.5
	5.2	Lift speed, laden/unladen m/s	0.02/0.025
	5.3	Lowering speed, laden/unladen m/s	0.06/0.03
	5.8	Max. gradeability, laden/unladen *1 %	4/10
	5.10	Service brake	Electric
Electrics	6.1	Drive motor rating S2 60 min kW	0.65
	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 (Option) A h	24 / 20 (26)
	6.5	Battery weight kg	5.1
	6.6	Energy consumption acc. to VDI cycle kWh/h	0.25
	-	Battery type	Lithium-ion
Misc.	8.1	Type of drive unit	DC
	10.5	Steering design	Mechanical
	10.7	Sound pressure level at the driver's seat acc. to EN 12053 dB(A)	<64

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

CLARK products, illustrations and specifications are subject to change without notice.  
Performance may vary +5% and -10% due to motor and system efficiency tolerance.

# FEATURES

## WPL25

### Electrical lift and manual lowering

- Sensitive lifting and lowering
- Drive and operating switches with easy reach position
- Automatic lift stop (at maximum lift)

### Smart Display

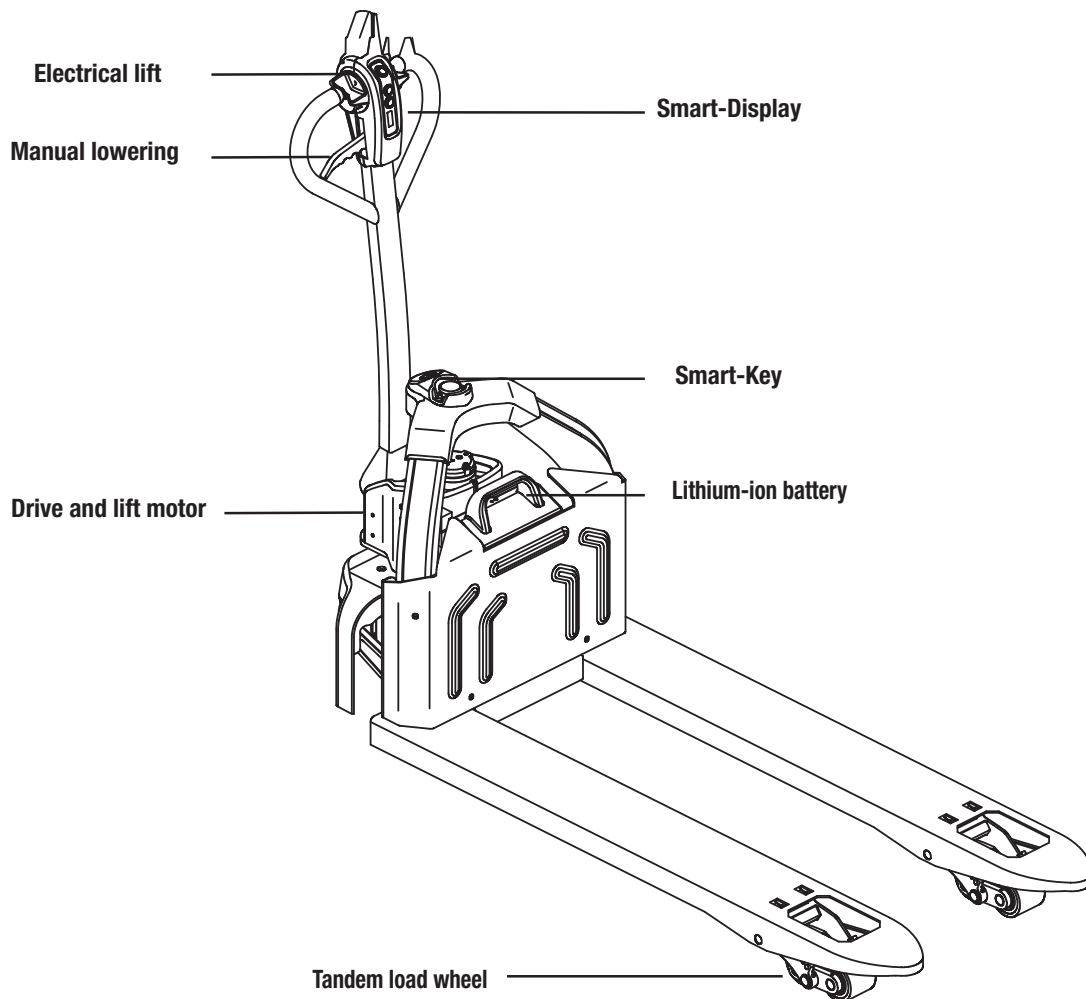
- Battery discharge indicator
- Operating hour counter
- Battery management system
- On-board diagnostics via error codes

### Smart Key

- Smart-Key activation
- Easy to use
- Access control

### Application

- Specially developed for use on level ground
- Ideal for slight gradients of maximum 4 degree
- Always usable with the lithium-ion battery from top-up charging
- Quick charging times
- Maneuverability in tight corners
  - Total width (b1) only 685 mm
  - Length to fork face (l2) only 390 mm



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Dealer: