

WPI015 + WPI018



Lithium-Ion

Capacities 1500kg-1800kg

COMPACT. POWERFUL. RAPID CHARGE.

EURO Pallet



LITHIUM-ION PALLET JACKS

CLARK electric pallet jacks make light work of efficiently hauling loads with lithium-ion technology in capacities between 1500kg to 1800kg. The range is ideal for transporting all kinds of good over short distances in applications such as industrial, logistics and retail settings. Durable and powerful, the lithium-ion battery features both rapid and opportunity charging capabilities while providing maximum power performance.

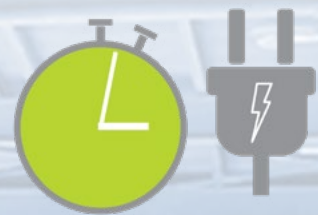


LOW MAINTENANCE COSTS

Long lasting, lightweight and maintenance free lithium-ion batteries keeps costs over the life of the pallet jack low. There are no requirements to refill water, control acid levels or have dedicated charging areas as no gas is emitted.

OPPORTUNITY CHARGING

Recharge when convenient in moments of downtime to extend operating times without restricting the battery life. Suitable for multi-shift use where you can opportunity charge optimally eliminating those surprise low charge battery moments.



GREATER EFFICIENCY

Gain full power no matter what the charge percentage is. 'Signs of fatigue' aren't seen like in lead acid variants when they reach approximately 40% discharge. The energy yield from the charger is also very high sitting at around 90 to 95%.



WPio15



max. 115mm



max. 1500kg

COMPACT

The CLARK range of lithium-ion pallet jacks resemble their manual pallet jacks counterparts while remaining both compact and versatile. They are ideal for transporting goods over short distances and manoeuvring in confined spaces that larger materials handling equipment isn't capable of.



POWERFUL

Less energy consumption. Greater performance. The long lasting, light weight and maintenance free lithium-ion battery will have you moving heavier and larger loads with ease, all whilst working to eliminate operator strain. Work efficiently all with an intuitive and ergonomic design that makes operation easy.

RAPID CHARGE

Having the ability to opportunity charge coupled with the rapid charging the lithium-ion offers, keeps you working. Portable charging stations and the integrated charging plugs across the models are easily plugged into standard power points. Opportunity charging can avoid downtimes for recharging which helps ensure maximum availability.



WPio18



max. 115mm



max. 1800kg

WPio15

 **Lithium-Ion**
Capacity 1500kg



COMPACT DIMENSIONS: 400MM LENGTH FROM REAR TO FORK FACE

The WPio15 is a versatile pallet truck with a load capacity of 1.5 tons which is suitable for various tasks in daily material transport. The vehicle is equipped with an integrated charger as standard and can be charged at any 230 volt socket. Thanks to the spring-loaded lateral support rollers, the vehicle has excellent driving behaviour in curves which ensures safe and efficient transport of goods.



**CHARGE AT ANY 230V SOCKET
WITH INTEGRATED CHARGER**



**REMOVABLE
BATTERY**

OPPORTUNITY AND BETTER CHARGING CAPABILITIES

Opportunity charging can help reduce unnecessary downtime thus ensuring maximum availability. Charging the lithium-ion battery releases no gases, therefore you can charge wherever and whenever you need with no dedicated charging rooms required. Exchangeable batteries and additional external chargers are also available.



Capacity:
max. 1,500 kg



Height of lift:
max. 115 mm



Driving speed:
max. 4.5 km/h



Stacking aisle width:
min. 2,050 mm



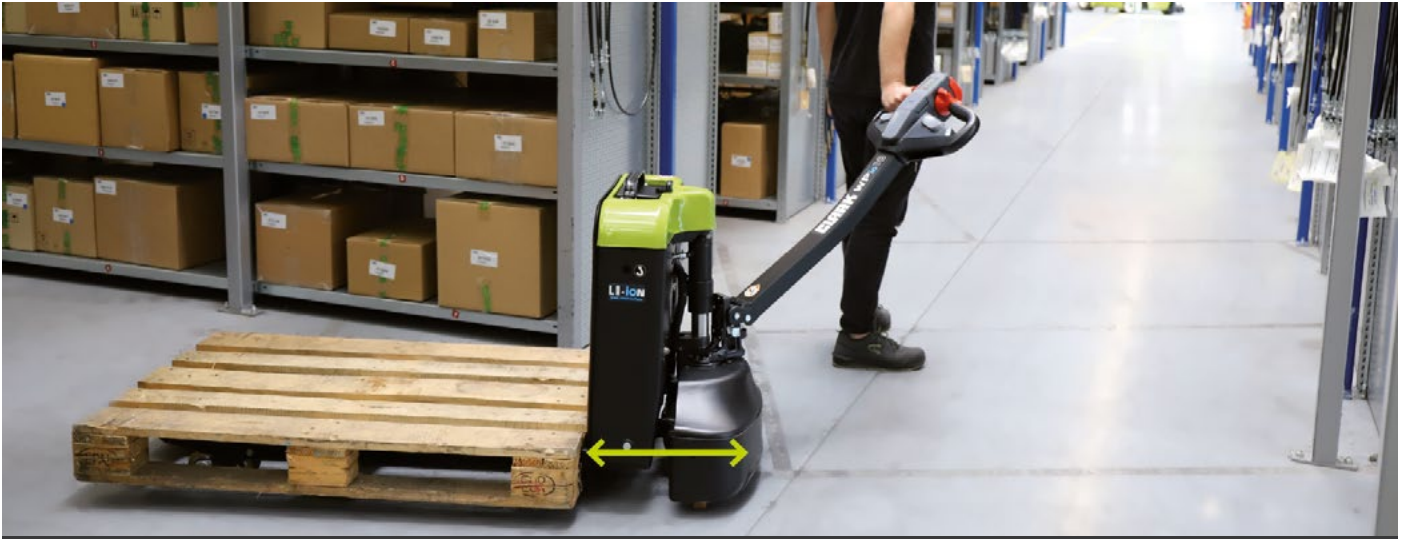
Battery power:
max. 24V, 20Ah



Drive motor:
0.75 kW

WPio18

 **Lithium-Ion**
Capacity 1800kg



COMPACT DIMENSIONS: 400MM LENGTH FROM REAR TO FORK FACE

With 48 volt technology and a 48 volt (0.9 kW) drive motor, the WPio18 has even more power and can be used more flexibly than the comparable CLARK pallet truck WPio15. With a load capacity of 1.8 tons, the WPio18 pallet truck also has a large color display that provides the operator with all important information at a glance, such as the remaining battery capacity. The side support rollers ensure stable movement, even when turning.



**CHARGE AT ANY 230V SOCKET
WITH INTEGRATED CHARGER**



**ERGONOMIC TILLER HEAD
WITH SMART DISPLAY**

OPPORTUNITY AND BETTER CHARGING CAPABILITIES

Opportunity charging can help reduce unnecessary downtime thus ensuring maximum availability. Charging the lithium-ion battery releases no gases, therefore you can charge wherever and whenever you need with no dedicated charging rooms required. Removable batteries and additional external chargers are also available.



Capacity:
max. 1,800 kg



Height of lift:
max. 115 mm



Driving speed:
max. 5.5 km/h



Stacking aisle width:
min. 2,050 mm



Battery power:
max. 48V, 20Ah



Drive motor:
0.90 kW

SPECIFICATIONS

Product Specification acc. to VDI 2198

1.1 Manufacturer (Abbreviation)		CLARK	CLARK	
Specifications	1.2 Manufacturer's designation	WPio15	WPio18	
	1.3 Drive	24 V Electric	48 V Electric	
	1.4 Operator type	Pedestrian	Pedestrian	
	1.5 Rated capacity/rated load	Q (kg)	1,500	1,800
	1.6 Load centre distance	c (mm)	600	600
	1.8 Load distance	x (mm)	940	940
	1.9 Wheelbase	y (mm)	1,200	1,200
	Weight	2.1 Service weight incl. battery (see 6.5)	kg	160
2.2 Axle loading, laden front/rear		kg	510 / 1,140	660 / 1,400
2.3 Axle loading, unladen front/rear		kg	130 / 30	140 / 30
Tyres, Chassis	3.1 Tyres	Polyurethane	Polyurethane	
	3.2 Tyre size, front	Ø 210 x 70	Ø 210 x 70	
	3.3 Tyre size, rear	Ø 80 x 60 / Ø 74 x 88	Ø 80 x 60 / Ø 74 x 88	
	3.4 Additional wheels (dimensions)	Ø 74 x 30	Ø 74 x 30	
	3.5 Wheels, number front/rear (x = driven wheels)	1 x + 2 / 4 / 1 x + 2 / 2	1 x + 2 / 4 / 1 x + 2 / 2	
	3.6 Tread, front	b10 (mm)	450	450
	3.7 Tread, rear	b11 (mm)	390	390
Dimensions	4.4 Lift	h3 (mm)	115	115
	4.4 Lift height	h3 + h13 (mm)	195	195
	4.9 Height tiller in driving position min./max.	h14 (mm)	700 / 1,260	700 / 1,260
	4.15 Height, lowered	h13 (mm)	80	80
	4.19 Overall length (without platform)	l1 (mm)	1,550	1,550
	4.20 Length to face of forks (without platform)	l2 (mm)	400	400
	4.21 Overall width	b1 (mm)	610	610
	4.22 Fork dimensions	s • e • l (mm)	50 x 150 x 1,150	50 x 150 x 1,150
	4.25 Distance between fork-arms	b5 (mm)	540	540
	4.32 Ground clearance, centre of wheelbase	m2 (mm)	30	30
	4.33 Aisle width for pallets 1.000 x 1.200 sideways	Ast (mm)	2,145	2,145
4.34 Aisle width for pallets 800 x 1.200 lengthways	Ast (mm)	2,050	2,050	
4.35 Turning radius	Wa (mm)	1,330	1,330	
Performance	5.1 Travel speed, laden/unladen	km/h	4.5 / 5	5 / 5.5
	5.2 Lift speed, laden/unladen	m/s	0.028 / 0.031	0.020 / 0.025
	5.3 Lowering speed, laden/unladen	m/s	0.068 / 0.043	0.065 / 0.030
	5.8 Max. gradeability, laden/unladen *1	%	6 / 16	6 / 16
	5.10 Service brake		Electric	Electric
Electrics	6.1 Drive motor rating S2 60 min	kW	0.75	0.9
	6.2 Lift motor rating at S3 15 %	kW	0.8	0.8
	6.3 Battery acc. to DIN 43531/35/36 A, B, C, no		No	No
	6.4 Battery voltage/nominal capacity (5hr)	V/Ah	24 / 30	48 / 20
	6.5 Battery weight	kg	10	14
	6.6 Energy consumption acc. to VDI cycle	kWh/h	-	-
	- Battery type		Lithium-ion	Lithium-ion
	8.1 Type of drive unit		DC	DC
Misc.	10.5 Steering design		Mechanical	Mechanical
	10.7 Sound pressure level at the driver's seat acc. to EN 12053	dB(A)	74	74

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

All data refer to trucks in standard design.

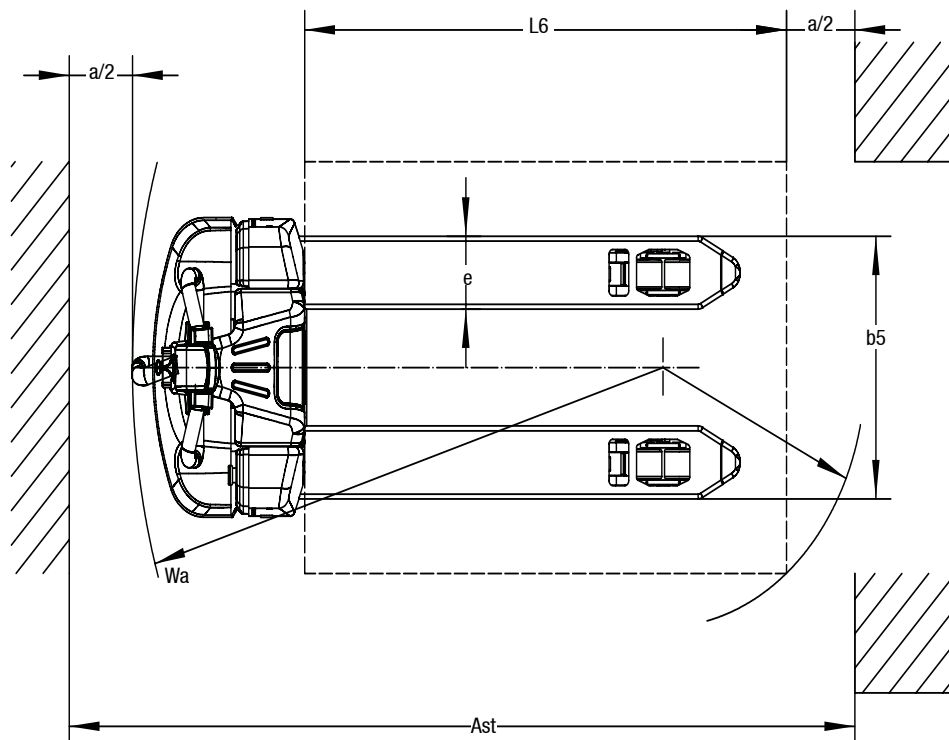
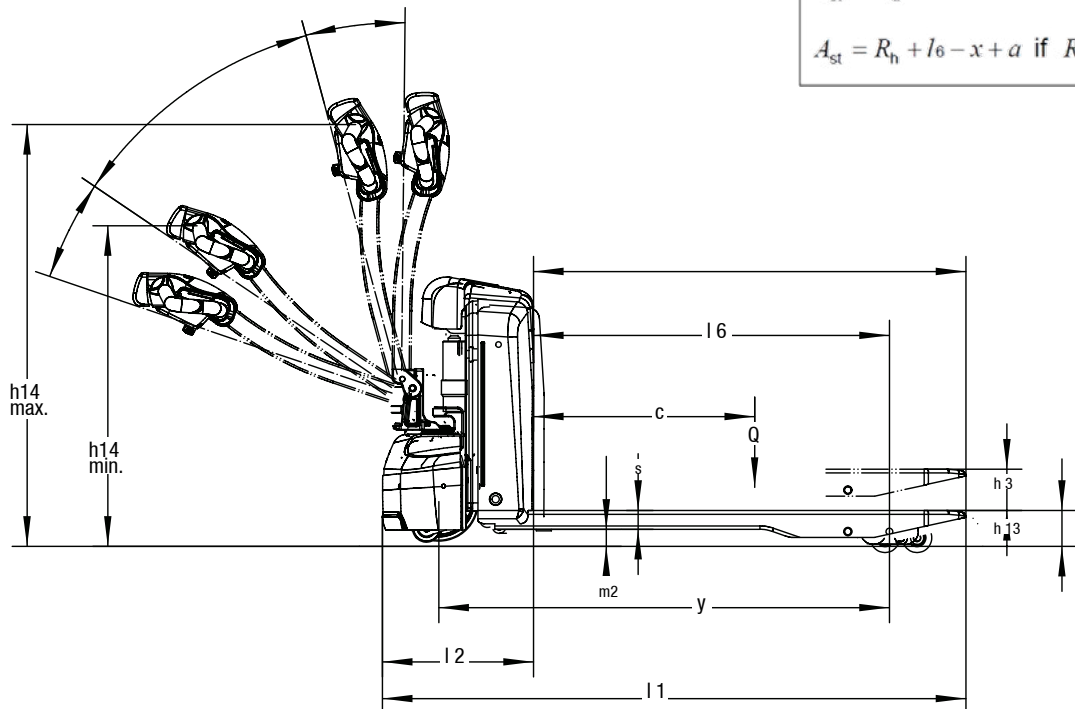
Performance may vary + 5 % and - 10 % due to motor and system efficiency tolerance. The performance shown represents nominal values which may be obtained under typical operating conditions of a machine. CLARK products and specifications are subject to change without notice.

DIMENSIONS

$$R_h = \sqrt{x^2 + \left(\frac{b_{12}}{2}\right)^2}$$

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

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

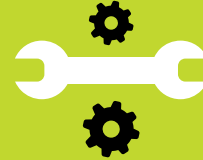


For corresponding data see specification chart.



GLOBAL PRESENCE

CLARK products are in operation all around the world. An estimated 350,000 units in operation currently!



RELIABLE SPARE PARTS SERVICE

CLARK has state of the art distribution warehouses in USA, South Korea, Brazil, China, Australia, Germany and Vietnam.



COMPREHENSIVE DEALER NETWORK

Over 550 sales & distribution partners in more than 90 countries ensure a high level of availability of our products and services.



EXCELLENT QUALITY

CLARK is the forerunner in high quality standards and innovative product developments.