



Company Address:
1338 Hundred Oaks Drive, Suite DD
Charlotte, NC 28217

Toll Free: (888) 652-8395
Phone: (980) 888-8335
Fax: (980) 888-8336

america@hcforklift.com
www.hcforkliftamerica.com



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WS Series Electric Lithium-ion Light Duty Walkie Pallet Jack

3,000lb Load Capacity

HANGCHA Lithium-ion
Re-imagining POWER



Making Material Handling Easier
SINCE 1956



APPEARANCE

The WS Series Electric Lithium-ion Light Duty Walkie Pallet Jack is designed to provide operators with a flexible option when moving goods in stores, semi-trailers, and other applications where manual pallet jacks are found. Thanks to its efficient design, it is able to carry up to 3,000lbs. The exterior of the WS Series Electric Light Duty Walkie Pallet Jack is also powder coated in a durable, easy-to-see, green finish that designates it as lithium-ion powered.



THE ELECTRIC DIFFERENCE

Hangcha designed the WS Series Electric Lithium-ion Light Duty Walkie Pallet Jack to be a direct replacement for manual pallet jacks. By using lithium-ion technology, Hangcha is able to build a pallet jack that is about the same size and weight as a manual pallet jack. This means that the WS Series Electric Lithium-ion Light Duty WalkiePallet Jack will be more efficient, last longer, and is just as easy to maintain as other manual pallet jacks.

- / The WS Series Electric Lithium-ion Light Duty Walkie Pallet Jack is **3 Times More Efficient** than similar manual pallet jacks. This allows operators to work longer with less physical strain when using it.
- / This electric walkie pallet jack will **Last 3 Times Longer** than a manual pallet jack.
- / The WS Series Electric Lithium-ion Light Duty Walkie Pallet Jack is reliable and easy to maintain which allows the electric walkie pallet jack to have similar maintenance costs when compared to a manual pallet jack.



Efficient Electrical Design

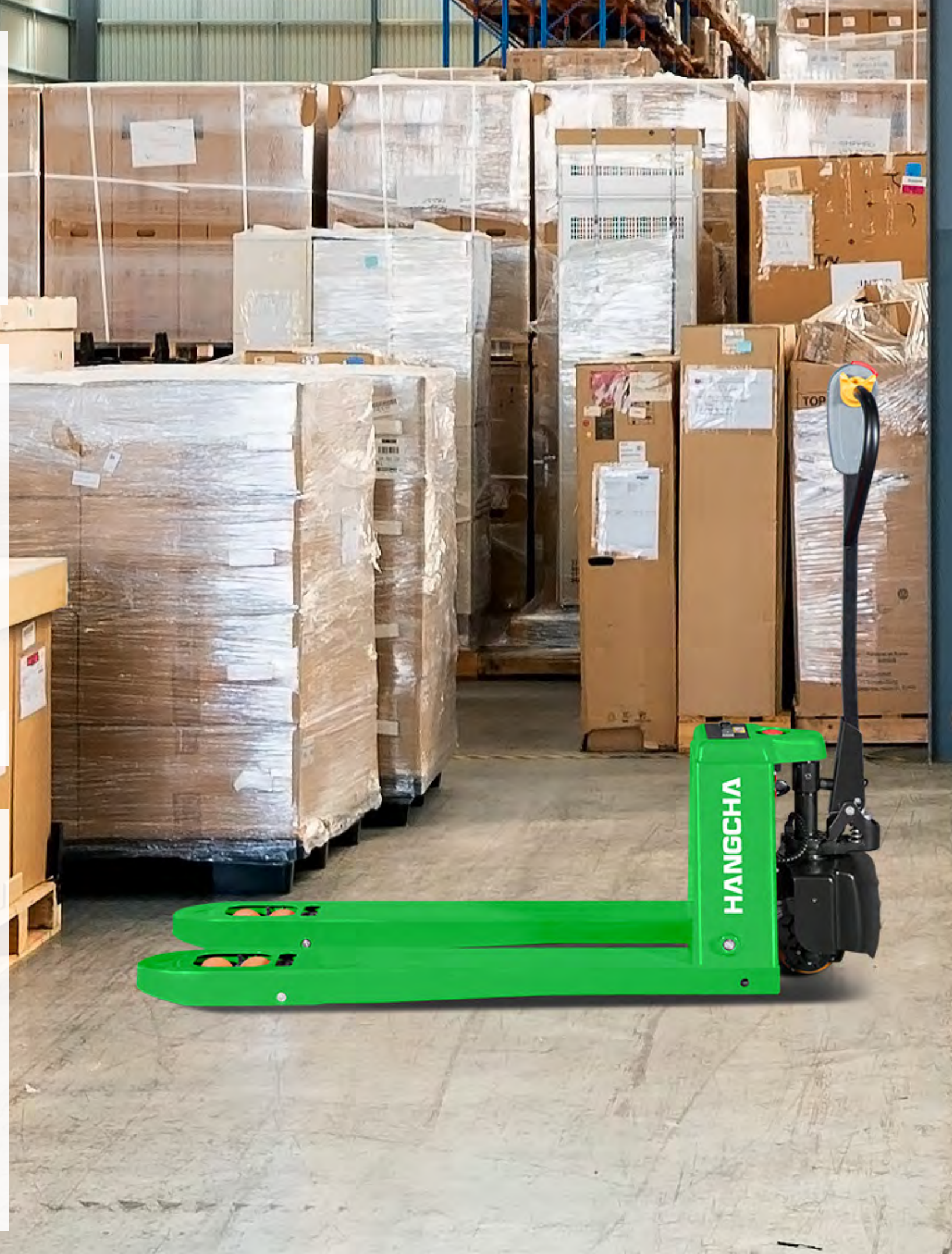
HIGH PERFORMANCE

Hangcha designed the WS Series Electric Lithium-ion Light Duty Walkie Pallet Jack with performance in mind. By using a 48V lithium-ion powered system, Hangcha is able to increase the efficiency and run time of the pallet jack when compared to other electric pallet jacks. This provides the WS Series Electric Lithium-ion Light Duty Walkie Pallet Jack with the power needed to successfully work in your application.

- / The WS Series Electric Lithium-ion Light Duty Walkie Pallet Jack has travel speeds up to 3.1mph unladen or 2.5mph laden.
- / This electric walkie pallet jack has a gradeability of 20% unladen or 6% laden which allows it to successfully move pallets up and down ramps.
- / The 48V system increases the performance and efficiency of the electric pallet jack.



High Performance Lift and Lower Assembly



RELIABLE & EASY TO MAINTAIN

Hangcha designed the WS Series Electric Lithium-ion Light Duty Walkie Pallet Jack to be reliable and easy to maintain. By using key components, specific designs, and testing, Hangcha is able to build a reliable walkie pallet jack that operators can count on.

- / Thanks to the electric lithium-ion design, the Lithium Iron Phosphate battery is maintenance-free.
- / The WS Series Electric Lithium-ion Light Duty Walkie Pallet Jack features a DC brushless drive motor for increased performance and reliability. The drive motor also allows the walkie pallet jack to have regenerative braking.
- / The easy-to-see display provides battery information and error code information.
- / The battery is designed to easily be swapped out in under 6 seconds.
- / The drive wheel is designed to easily be replaced in 60 seconds.



Components are easily accessible for quick maintenance.

LITHIUM-ION POWER

Lithium Iron Phosphate Battery Packs

- / Integrated Battery Management System (BMS) continually monitors energy management and ensures reliable operation.
- / HANGCHA provides these Lithium Iron Phosphate (LiFePO₄) battery packs with up to a 2 year or 4,000 hour warranty.
- / See warranty certificate for specific warranty information on the Lithium Iron Phosphate battery packs.

WS Series Electric Lithium-ion Walkie Pallet Jack Lithium-ion Battery Capacity	
Load Capacity	Standard Battery Capacity [V/Ah] [kW-h]
3,000lbs (1,500kg)	48V/10Ah 0.48kW-h



Maintenance-Free Battery Pack

The walkie pallet jack features a Lithium Iron Phosphate (LiFePO₄) battery pack that doesn't require any regular maintenance performed on the battery pack.



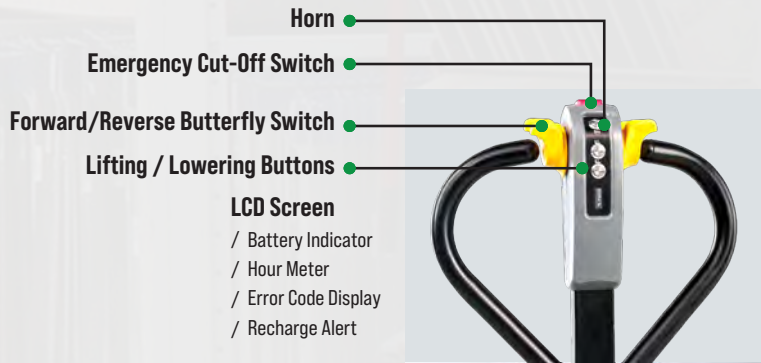
Rapid Charger

The walkie pallet jack features an external charger with 100-240V/AC wide voltage. This charger can fully charge the walkie pallet jack in 2 hours and opportunity charge as needed.

EASY-TO-OPERATE

The XC Series Electric Lithium-ion Light Duty Walkie Pallet Jack uses an ergonomic tiller head that allows operators to easily operate the walkie pallet jack. In addition, the tiller head has “smart” functions that give operators additional functionality when operating the walkie

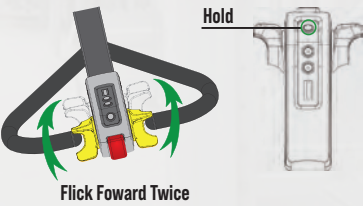
Ergonomic Tiller Head



SMART Tiller Head Functions

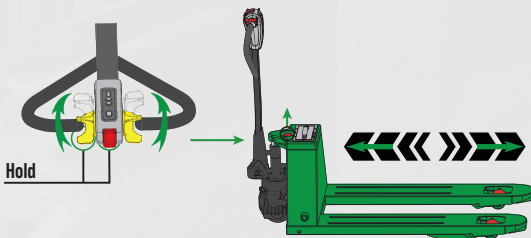
Turtle Speed Function

Switch between the turtle speed function and normal operation by pressing and holding the horn button and flicking the butterfly switch forward twice.



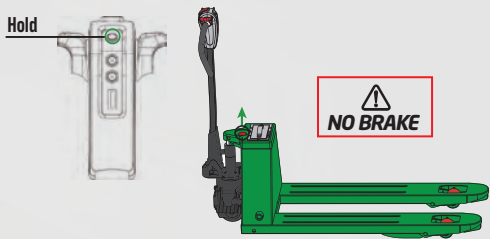
Upright Drive Function

This function allows the pallet jack to function with the tiller head upright. To activate, press and hold the emergency stop and hold the butterfly switch forward. Then, turn the walkie pallet jack on.



Brake Release Function

This function releases the brakes and puts the pallet jack in engineering mode. To activate, press and hold the emergency stop. Then, turn the walkie pallet jack on.



STANDARD CONFIGURATION

/ Powerful DC Drive Motor / STAXX Controller	/ Lithium-ion Battery Pack / Multi-Function Display	/ Emergency Cut-Off Switch	/ Electric Horn
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OPTIONS

/ Single Polyurethane Load Wheel	/ Double Polyurethane Load Wheel	/ Drive Wheel Protective Cover	/ Rapid Lithium-ion Charger
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WS Series Electric Lithium-ion Light Duty Walkie Pallet Jack

Characteristics		Manufacturer			HANGCHA GROUP CO.,LTD.
		HCFA Model Number			WP15SLi
		Model			CBD15-WS-WX
	1.1	Capacity		lb(kg)	3000 (1500)
	1.2	Load Center Distance		in(mm)	24 (600)
	1.3	Standard Overall Fork Width		in(mm)	21.65/26.96 (550/685)
	1.4	Fork Length		in(mm)	45.27/48.03 (1150/1220)
	1.5	Overall Length		in(mm)	61.1/59.92 (1552/1522)
	1.6	Lowered Height of Fork		in(mm)	3.2±1 (82±2)
	1.7	MAX Height of Fork		in(mm)	7.7 (197)
	1.8	Overall Length (with tiller)		in(mm)	50.2 (1276)
	1.9	Rear Body Width		in(mm)	21.65/26.96 (550/685)
	1.10	Minimum Turning Radius		in(mm)	53.26/56.14 (1353/1426)
Weight	2.1	Service Weight		lb(kg)	1058(480)
Performance Data	3.1	Maximum Travel Speed	Laden	mph(km/h)	2.5(4)
			Unladen	mph(km/h)	3.1(5)
	3.2	Gradeability	Laden	%	6
			Unladen	%	20
	3.3	Traveling			DC 1.0 Brushless
3.4	Lifting			DC	
Battery	4.1	Voltage		V	48
	4.2	Battery Capacity		Ah	10
Brake Type	5.1	Travel Brake			Regenerate
	5.2	Brake			Electromagnetic
Controller	6.1	Controller			STAXXB1503

