



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

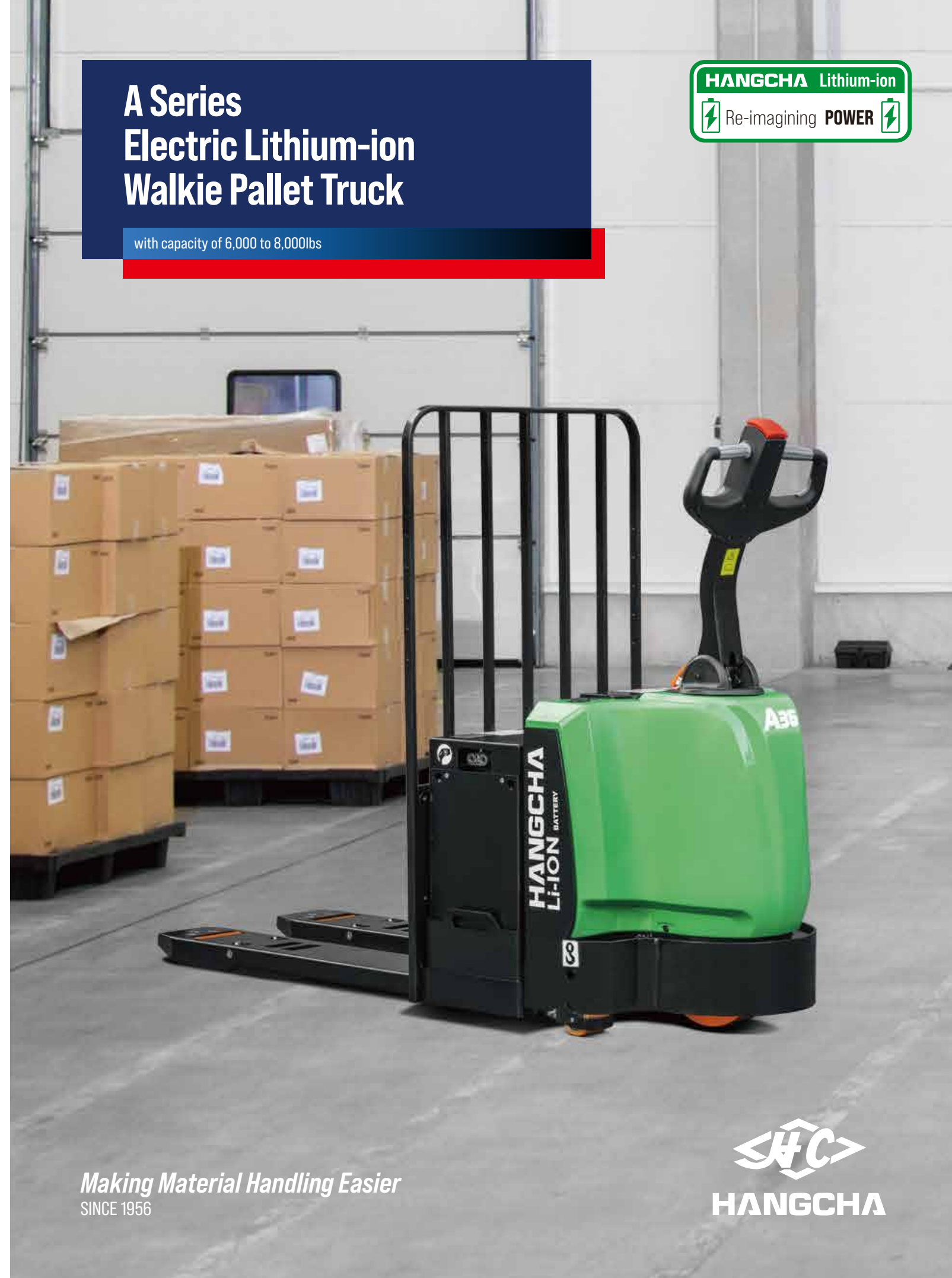


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A Series Electric Lithium-ion Walkie Pallet Truck

with capacity of 6,000 to 8,000lbs



Making Material Handling Easier
SINCE 1956



LITHIUM POWERED



HANGCHA PROVIDES UP TO A **5 YEAR OR 10,000 HOUR** GUARANTEE ON THE LITHIUM IRON PHOSPHATE BATTERY PACK.

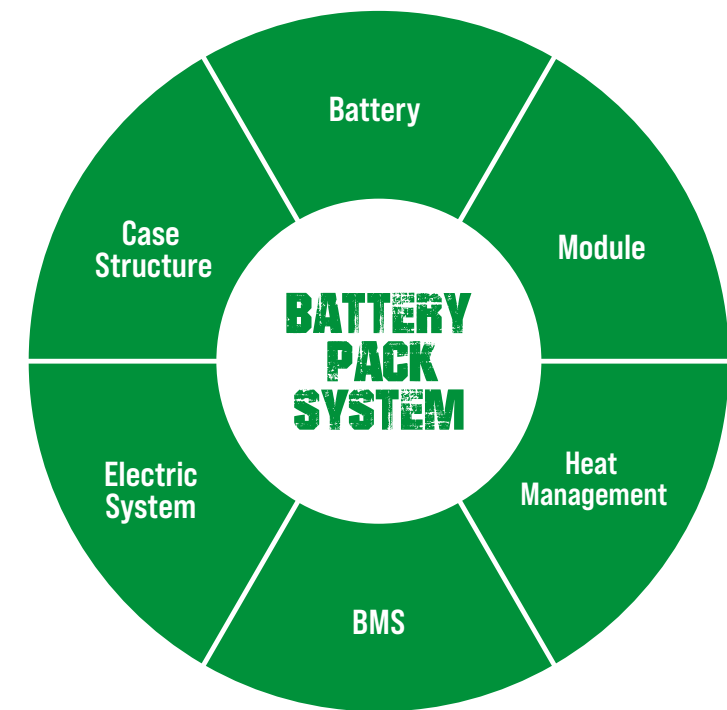


**5 YEAR
WARRANTY**

INNOVATIVE SOLUTIONS NEW POWER NOW

Lithium-ion technology (Lithium Iron Phosphate), was developed by HANGCHA and a leading lithium-ion cell manufacturer for use in material handling equipment applications. These innovative and reliable battery cells and modules are manufactured to the highest standard by an industry leading manufacturer exclusively for HANGCHA's material handling equipment.

- / **Battery Technology:** We use square lithium iron phosphate cells. These are the same type of cells used in new electric vehicles.
- / **Design:** The module uses a sturdy and lightweight aluminum alloy frame. It is also designed to provide excellent heat dissipation.
- / **Safe and Effective:** Charging efficiency as high as 98% and the thermal runaway temperature is at 600 °C and above.
- / **Adapted to Low Temperatures:** Comes standard with an electrical heating feature, ensuring normal operation in low temperatures.
- / **Efficient:** Can use opportunity charging to allow for continuous use in multi-shift operations.
- / **Long-Lasting:** 4000 charging cycles with a capacity retention greater than 80%.
- / **Maintenance-Free:** Lithium-ion batteries do not require manual maintenance such as watering.
- / **Green and Clean:** The batteries are pollution-free, release zero emissions, and are recyclable.



Rapid Charging and Opportunity Charging ensure continuous availability of the Walkie Pallet Truck

Combined with a Hangcha Lithium-ion Charger, the walkie pallet jack will charge fast. This technology also means that they are maintenance-free and won't require a battery change when used for multi-shift operations.



DESIGNED TO INCREASE PRODUCTIVITY

WATERPROOF ■

MAINTENANCE-FREE BATTERY ■

RELIABLE ■

■ EFFICIENT

■ HIGH PERFORMANCE

■ COMFORTABLE

■ SAFE



A SERIES LITHIUM-ION WALKIE PALLET TRUCK

Your reliable and powerful material handling partner.

The A Series Electric Lithium-ion Walkie Pallet Truck is a new logistics handling device developed by Hangcha Group for the high-intensity operating conditions of the North American market. With AC drive technology, it offers excellent performance and low maintenance costs. It is also safe, reliable, and can be easily operated. This is ideal for all kinds of material handling and picking environments.



RUGGED ON THE OUTSIDE

The A Series Electric Lithium-ion Walkie Pallet Truck uses stamped steel plates and injection molded parts. This creates a robust and durable product that is able to successfully take on the wear and tear of a warehouse environment.



Ergonomic Tiller Handle



Convenient Charging Port

COMFORT

The guide wheels on the forks allow for smoother entry and exit of the pallet.



The polyurethane block and spring support the auxiliary wheel to increase the walkie pallet truck's stability.



The concave design of the walkie pallet truck's hood provides more room for the operator.

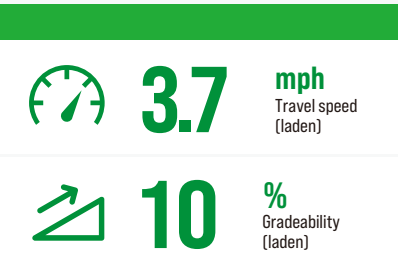


HIGH PERFORMANCE

- The new CURTIS AC Control System allows for accurate, stable and more efficient control of the walkie pallet truck.
- The CANBUS communication structure allows for each of the walkie pallet truck's systems to communicate faster and more reliably.



Easy-to-see integrated battery display provides key information such as speed, battery capacity, timer, and a fault self-diagnosis gauge.

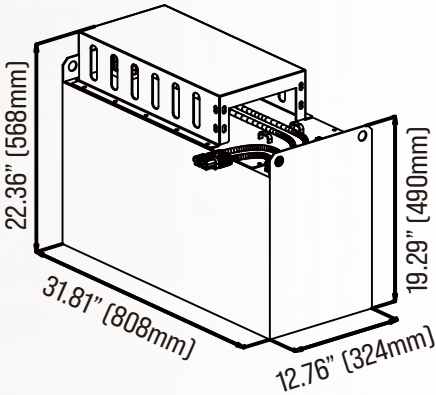


The AC drive motor provides excellent acceleration, gradeability, and low heat generation. In addition, it is maintenance-free thanks to the motor not having carbon brushes.

LONG LASTING LITHIUM-ION BATTERY

- 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 5 year or 10,000 hour warranty.
- See warranty certificate for specific warranty information on the Lithium Iron Phosphate battery packs.

Lithium-ion Walkie Pallet Truck Battery Capacity	
Standard Battery Capacity (V/Ah) (kW·h)	25.6V/230Ah 5.89kW·h (Includes On-Board Charger)
Optional Battery Capacity (V/Ah) (kW·h)	25.6V/460Ah 11.78kW·h



INCREASED SAFETY

- The A Series Electric Lithium-ion Walkie Pallet Truck features three types of braking to ensure safe driving. These include released braking, reverse current braking, & emergency braking.
- The emergency braking button on the tiller head, is designed to effectively prevent harm to the operator in case of any emergency while using the walkie pallet truck in reverse.



- High-strength screw fixing load backrest, capable of effectively protecting the operator.
- The A Series Electric Lithium-ion Walkie Pallet Jack has an anti-rollback feature that ensures safe operation when using the pallet jack on ramps.

RELIABILITY

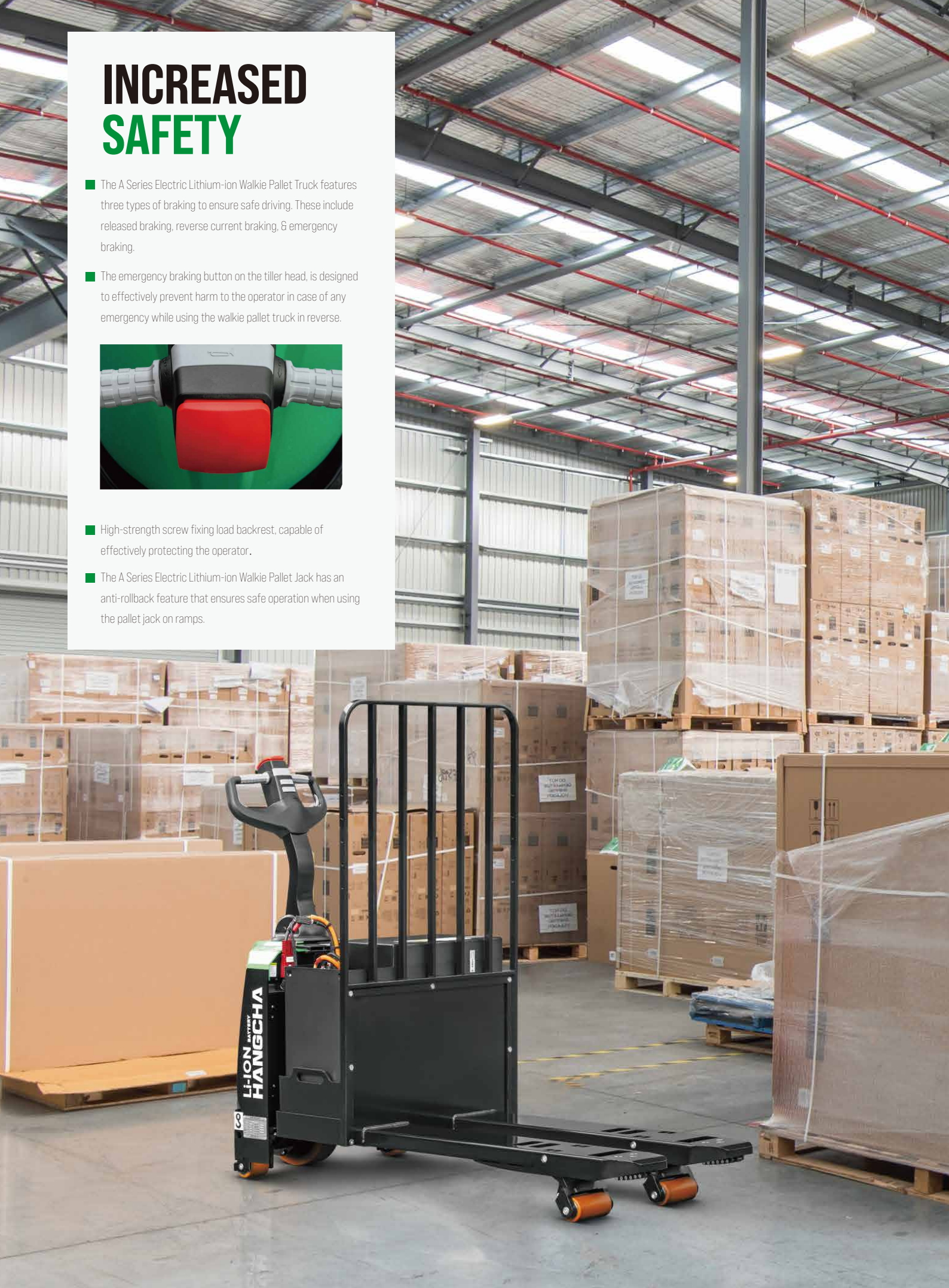
The lifting motor limit switch prevents overflow from the hydraulic pump motor in order to save energy and ensure that the pump motor continues to perform reliably.



The forks are made with a high-strength steel and stamped in a box-shaped pattern to ensure impact resistance and rigidity in a high-intensity operational environment.



By using waterproof connectors and protected cables the walkie pallet jack's electrical system is reliable in any operation environment that electric pallet trucks are found in.



Technical Data

Distinguishing Marks	1	Manufacturer		HANGCHA GROUP CO.,LTD.	
	1.1	HCFA Model Designation		WP27Li	WP36Li
	1.2	Manufacturer's Type Designation		C8027-AC2-NAI	C8036-AC2-NAI
	1.3	Drive: Electric(battery or mains), Diesel, Petrol, Fuel Gas		Electric	Electric
	1.4	Operator Type: Hand, Pedestrian, Standing, Seated, Orderpicker		Standing	Standing
	1.5	Rated Capacity/Rated Load	Q (lb/kg)	6000/2700	8000/3600
	1.6	Load Centre Distance	c (in/mm)	24/610	24/610
	1.8	Load Distance, centre of drive axle to fork	x (in/mm)	40.6/1030	40.6/1030
	1.9	Wheelbase	y (in/mm)	66.7/1695	66.7/1695
Weight	2.1	Service Weight	lb/kg	1785.8/810	1785.8/810
Tires & Chassis	3.1	Tires: solid rubber, superelastic, pneumatic, polyurethane		Polyurethane	Polyurethane
	3.2	Tire Size, front	in/mm	2- ϕ 12.2×4.3/ ϕ 310×110	
	3.3	Tire Size, rear	in/mm	2- ϕ 3.3×6.5/2- ϕ 83×165	
	3.4	Additional Wheels(dimensions)	in/mm	2- ϕ 3.4×3.5/2- ϕ 85×90	
Dimensions	4.4	Lift	h ₂ (in/mm)	5.9/150	5.9/150
	4.15	Fork Height, lowered	h ₁₅ (in/mm)	3.3/83	3.3/83
	4.19	Overall Length	l ₁ (in/mm)	83.9/2130	83.9/2130
	4.20	Length to Face of Forks	l ₂ (in/mm)	35.8/910	35.8/910
	4.21	Overall Width	b ₁ (in/mm)	33.9/860	33.9/860
	4.25	Distance between Fork-Arms	b ₅ (in/mm)	27.2/690	27.2/690
	4.35	Turning Radius	Wa(in)/Wa(mm)	(72.5/77.0)/(1840/1955)	
Performance Data	5.1	Travel Speed, laden/unladen	mph / km/h	3.7/6	3.7/6
	5.8	Max. Gradeability, laden/unladen	%	10/10	8/15
	5.10	Service Brake		Electromagnetic	Electromagnetic
Electric Motor	6.4	Battery Voltage, nominal capacity K5	V/Ah	25.6/230	25.6/230
	9.1	Manufacturer		Curtis	Curtis

Features

Truck	Standard Features	Options
Efficient AC Drive Motor	●	
High-Performance Polyurethane Drive Wheel	●	
High-Performance Hydraulic Pump	●	
Polyurethane Buffer Elastic Auxiliary Wheel	●	
Load Backrest	●	
Electric Steering System		○
Various Fork Lengths: 54"/60"/84"/96"/132"/144"		○
Smaller External Width of 28" between the Forks		○
Operator Compartment		
Multifunctional Integrated Instrument Display	●	
Tote		○
Toggle Switch		○
Controls and Instruments		
CURTIS AC Controller	●	
Safety		
Electromagnetic Brake	●	

