









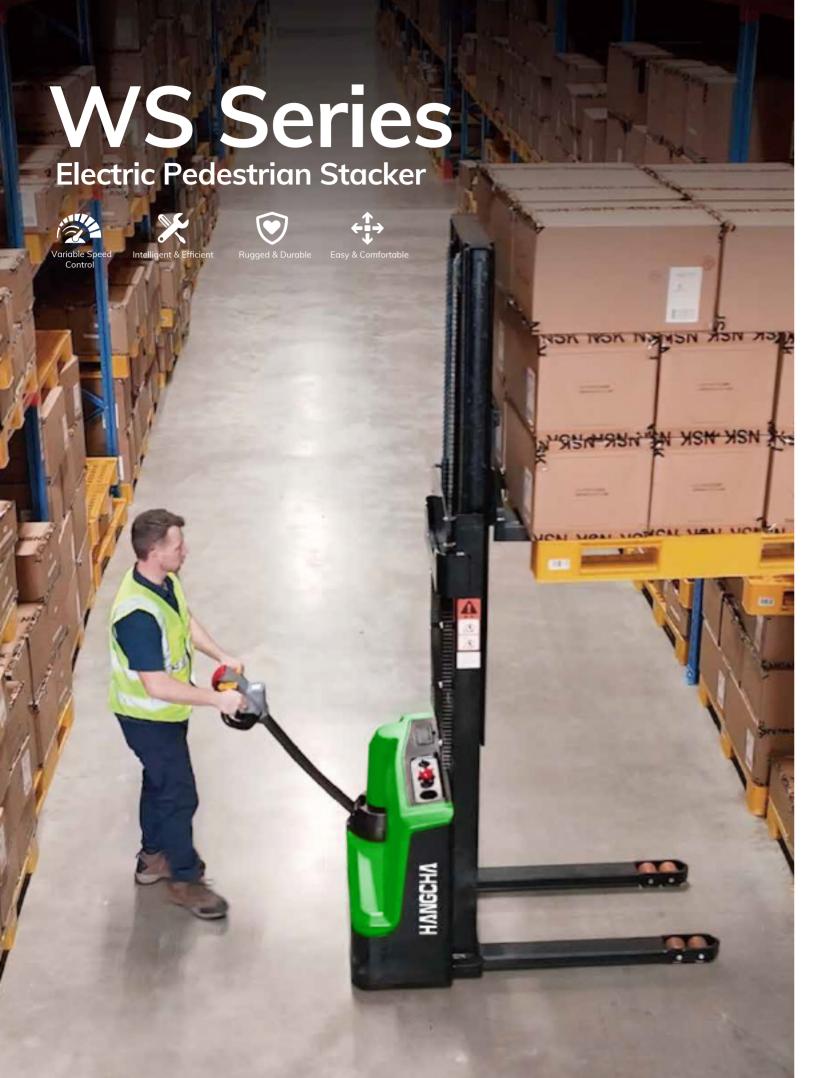
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Variable Speed Control on Lifting & Lowering

- Comfortable and efficient thanks to Hangcha patented intelligent handle and control system, ideal for replacing manual & semi-electric stackers, for light use in narrow warehouse environments with efficient and easy pallet stacking.
- The proportional lowering brings high efficiency for exact pallet placement and more precise control when compared to the normal fixed speed of lifting & lowering.
- Variable speed control by proportional control knob, keeps lifting and lowering smooth, stable, safe and engergy saving.

BEFORE







Precise Control

Proportional lifting & lowering

The variable speed control ensures the stacker goes up and down smoothly, minimizing the mechanical shock and vibration, ensuring fragile loads are gently placed on racking or the floor, and reducing the impact of noise and vibration on operators.







High efficiency

The variable speed control brings accurate response for adjusting the lifting & lowering speed according to the actual situation, the operator can easily complete the task and improve the working efficiency.

Longer service life

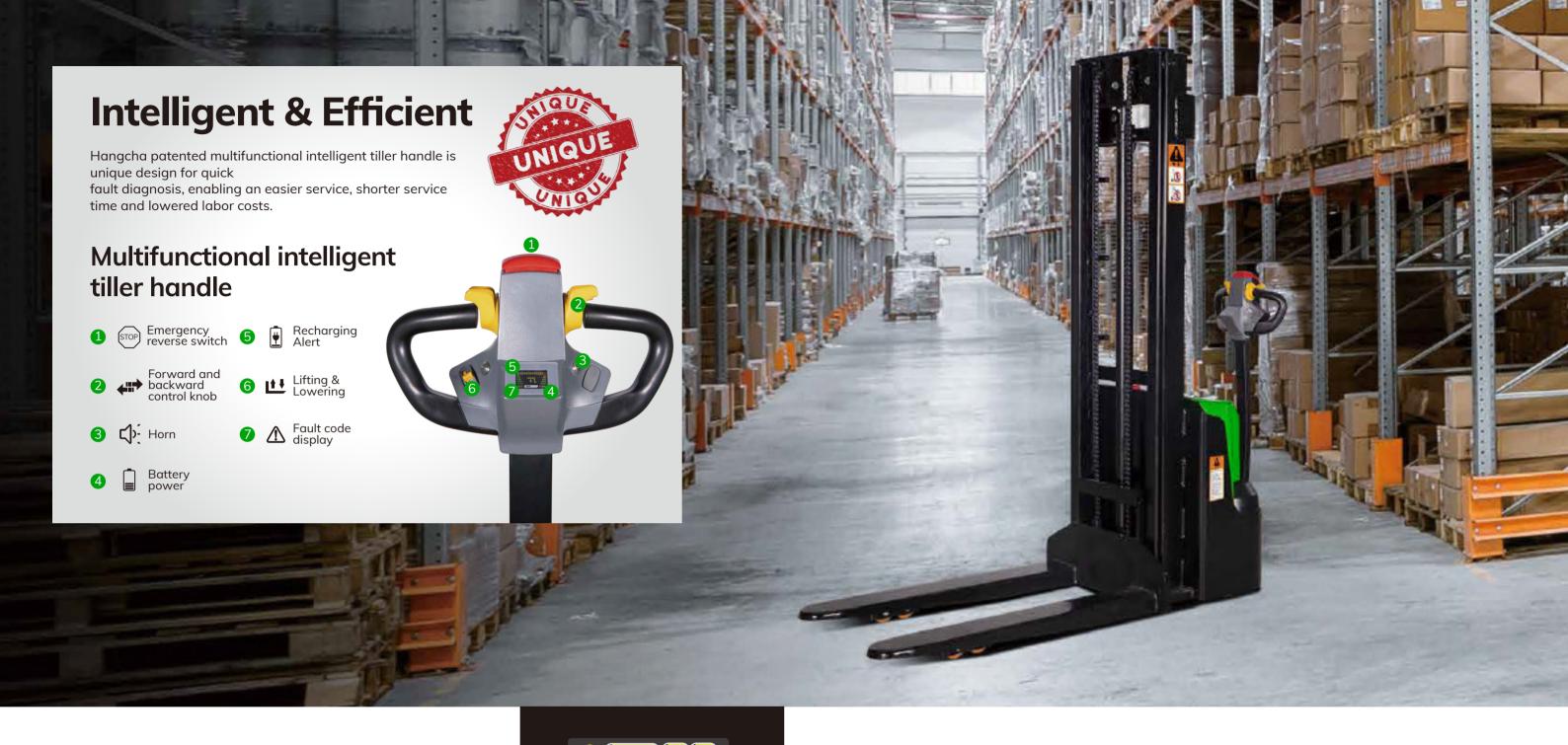
Variable speed control can reduce the mechanical impact and friction during lifting & lowering, reduce the wear and tear on the chassis, mast, bearings, and enable a longer service life.

Lowering buffering

Automatic lowering speed descent with soft buffering when the fork height is lowered to around 10cm from the ground, effectively protects the safety of the cargo, low noise and small vibration.

Energy saving

Compared to the traditional fixed lifting & lowering speed, variable speed can be adjusted according to the load and height by operator, reducing energy waste and improving energy utilization rate.



Easy Maintenance



Serial communication technology

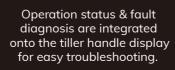
Single wiring harness communication from tiller handle to controller system. Simple, Durable and Stable.







Everyone can be an expert



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Operator Preferred



Enable operator to choose different speed modes based on their experience and the specific work environment.



Easily maneuvered with the handle in the vertical position by pressing the turtle-speed button.



When truck is down, release the brake to move the unit manually.

Rugged & Durable

Due to a high-strength frame and mast design and solid materials used, the deformation of the frame, mast, and forks is small.





Longer service life

Mast: Standard C+H channel steel Frame: Steel plate thickness of 5mm Frame bottom plate: 30mm integrated steel plate





Double-chain design

Compared with single-chain design, it has higher strength, safer and more stable.



Built-in charger

Hidden charging plug, high safety, the whole vehicle is powered off during charging, reducing safety hazards.

Safe operation

4 Emergency reverse switch

In case of an emergency, it protects the operator and the surrounding personnel from harm.

Safety travel speed limit

When the fork is lifted to above 500mm, the driving speed automatically reduces to 2km/h to ensure the safety of operating at a high position in case of any misoperation.



The low ground clearance of 30mm helps to reduce the risk of foot injuries

Small deformation of forks and masts, stable and durable

More stable when lifting & lowering with loads.

Standard equipped with cylinder explosion-proof valve

It can prevent accidents such as uncontrolled descent caused by unexpected rupture of oil pipes, ensuring stable descent of the load and personal safety, and preventing damage to equipment.



High-strength forks

The forks are formed in one piece with a thickness of 8mm steel. High strength and small deformation even under heavy loads.

5 The battery is fixed at the bottom of the frame

Improved stability.

Battery low voltage protection

Effectively avoid battery over-discharge, ensuring a longer battery life.

6 Adjustable balance wheel

Improved stability and maneuverability, suitable for different working scenarios.

High lateral and longitudinal stability

Wider wheelbase and longer axle distance.

Easy & Comfortable



Effortless, easy to operate

Low-mounted longer tiller reduces steering force required.

Low mast static height

Easy to operate in containers and elevators with less than 3.3m lifting height.





Easy to recharge

Built-in charger and an external charging cable storage box for convenient charging.

Longer operating time

Standard 24V/71Ah maintenance-free lead-acid battery, with the option of a larger capacity maintenance-free battery or a lithium battery.



The steering angle is designed to be above 180 degrees

Small turning radius.

Excellent maneuverability

Precise and maneuverable operating, high safety and efficiency.

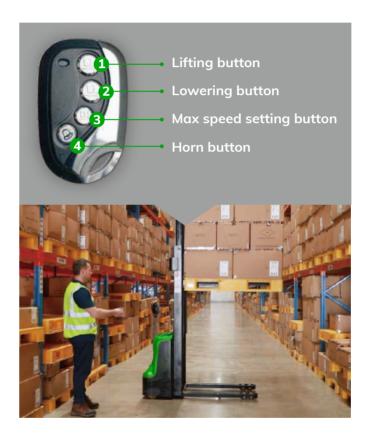
Reasonable design of the balancing wheel eccentric distance.

Flexible direction commutation.

Optional Configuration

- Reversing buzzer
- Intelligent control

Unique in the market and very suitable for sorting operations on trucks. With a dedicated remote control device, the operator can control the forks to lift to the appropriate working height and carry out sorting operations, thus avoiding the need to use the handle buttons and bend over to pick up goods, improving operational efficiency and comfort.



With the remote control device, you can easily set the speed suitable for the work, from level 1 speed to level 5 speed. Such speed transitions allow you to move the truck with controlled operation at ease.



