

Features

| Truck                                                       | Standard | Options |
|-------------------------------------------------------------|----------|---------|
| 24V AC asynchronous drive motor                             | ●        |         |
| AC controller                                               | ●        |         |
| Hydraulic power unit                                        | ●        |         |
| Key switch                                                  | ●        |         |
| Polyurethane drive wheel                                    | ●        |         |
| Fork length: 1150mm                                         | ●        |         |
| Distance between fork-arms: 570mm                           | ●        |         |
| Fork surface from the ground: 90mm                          | ●        |         |
| Height lifting limit of 1.8m                                | ●        |         |
| Lifting buffering                                           | ●        |         |
| Additional wheel                                            | ●        |         |
| Dual load wheels                                            | ●        |         |
| USB Power Supply                                            |          | ○       |
| Stepless lifting and lowering speed control                 | ●        |         |
| Turning deceleration                                        | ●        |         |
| A full range of fork lengths                                |          | ○       |
| Distance between fork-arms: 600/680mm                       |          | ○       |
| Various mast lift height (see the table of mast parameters) |          | ○       |
| Load backrest                                               |          | ○       |
| Protective hood of mast                                     |          | ○       |
| Controls and instruments                                    |          |         |
| EPS (Electric Power Steering) system                        | ●        |         |
| Multifunctional instruments                                 | ●        |         |
| Non-contact interlock switch                                | ●        |         |
| Multifunctional handle                                      | ●        |         |
| Safety                                                      |          |         |
| Emergency shut-off switch                                   | ●        |         |
| Horn                                                        | ●        |         |
| Other                                                       |          |         |
| Automatic charger                                           |          | ○       |

Optional Lead Acid Battery List

| Capacity(Ah)      |
|-------------------|
| 24V/240/280/340Ah |

Optional Lithium Battery List

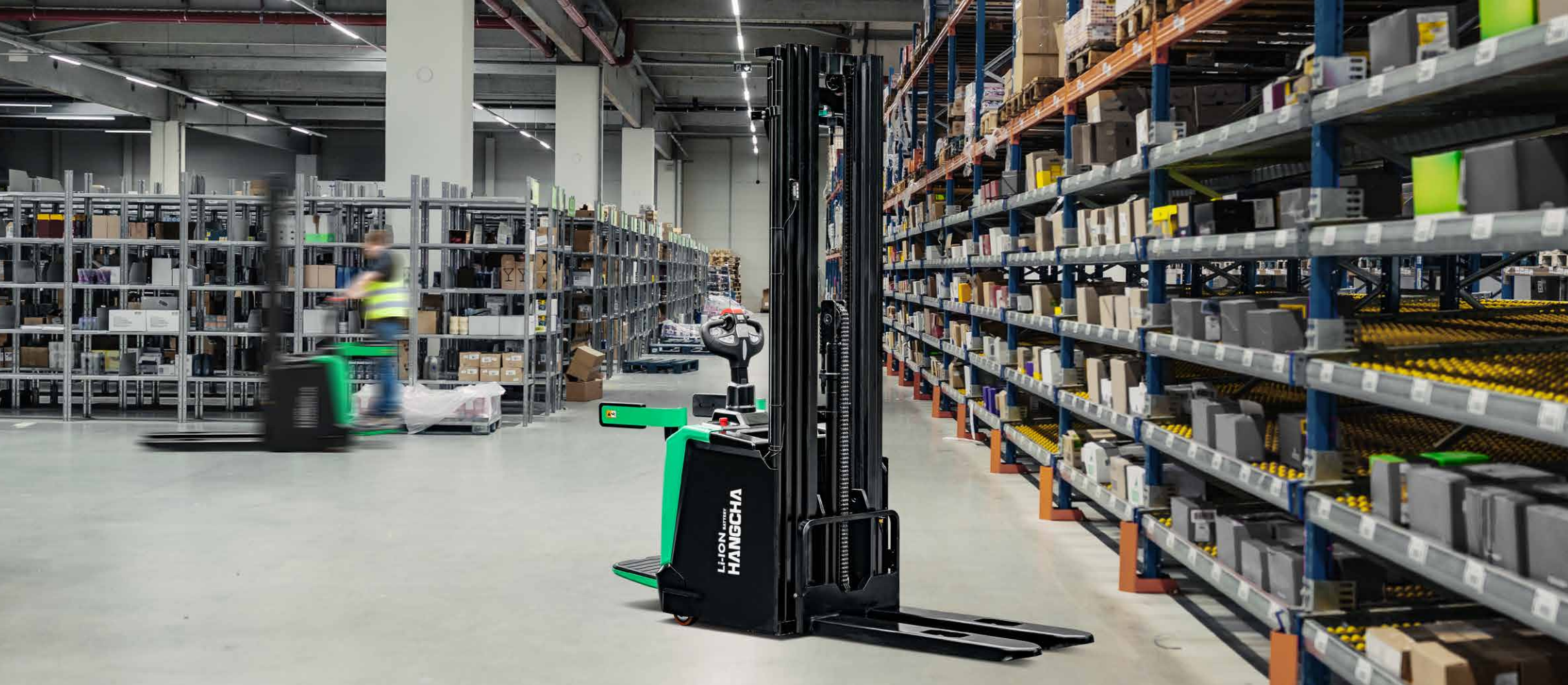
| Capacity(Ah) |             |             |
|--------------|-------------|-------------|
| EVE          | ● 24V/150Ah | ○ 24V/230Ah |

Note: ● Battery; ○ Battery Opt;



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# EFFORTLESSLY MAXIMISING PERFORMANCE

- The advanced AC control system ensures precise and stable control with high efficiency.
- The CANBUS bus structure makes the whole stacker communication faster and more reliable.
- Equipped with an AC driving motor, it has excellent acceleration performance, good climbing ability, low heat generation, no brushes, and is maintenance-free.



**6.0** Km/h  
Travel speed  
(laden)(1.2t)



**8%**  
Gradeability  
(laden)(1.2t)

Standard configuration of a proportional lowering system, making operation smoother and more precise.

  
**6.0**  
Km/h



  
**3.0**  
Km/h



## XA SERIES ELECTRIC STACKER

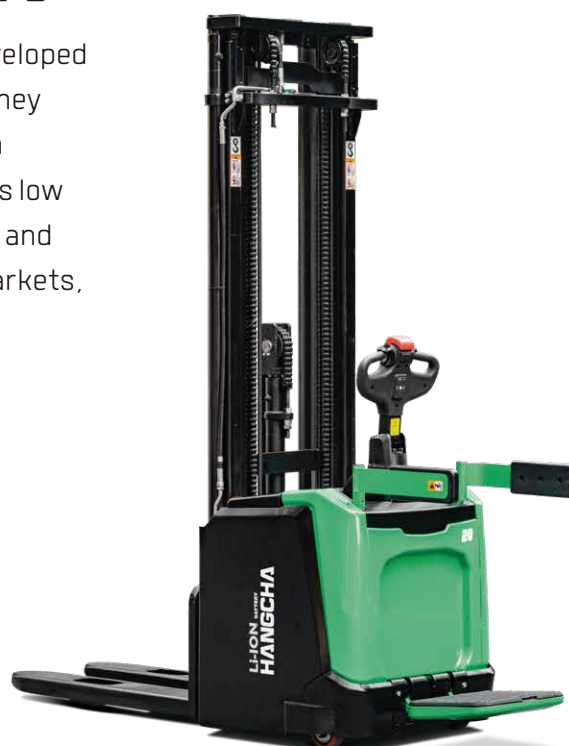
XA series electric stacker are a new generation of products developed by Hangcha specifically for warehouse logistics applications. They feature the latest **AC drive control system**, which is advanced in performance, comfortable to operate, safe and reliable, and has low cost for use and maintenance. They are an ideal tool for loading and unloading and moving palletized goods in warehouses, supermarkets, workshops.



### APPEARANCE

The XA series electric stacker adopt a professional appearance design with a family and series consideration, with smooth lines and a dynamic look; they fully consider ergonomics and comply with the latest design trends.

The whole stacker is surrounded by stamped steel plates, which are strong, sturdy, durable, high-grade, and meet environmental protection requirements.



Standard equipment with EPS makes the operation more convenient and flexible.

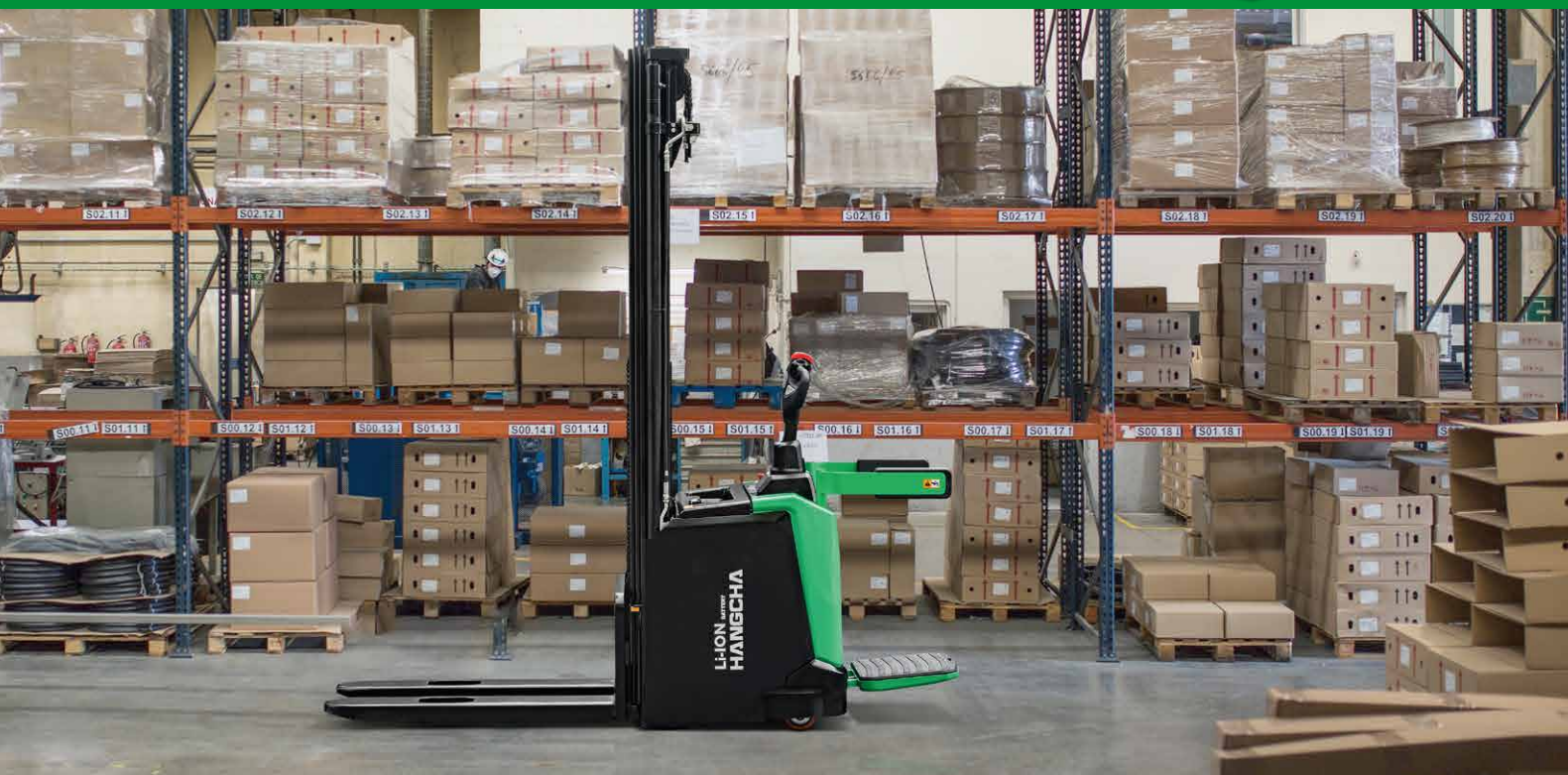


# MAKE ANY JOB LOOK LIKE A WALK IN THE PARK

- The optimized truck structure ensures that the truck has an excellent operating view, making it more convenient to enter and exit pallets.
- The compact body and large corner design make the truck suitable for work in narrow spaces, and the chassis is designed with a wedge shape, greatly improving passability.



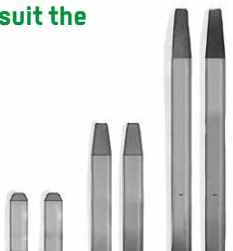
The entire series comes standard with a proportional lowering, making the control of the fork more accurate and the lifting and lowering of the cargo more stable.



The standing pedal is designed with shock absorption, greatly improving the comfort of standing and reducing fatigue from long-term driving.



Different forks are available to suit the handling of various pallets.



The control handle is beauty and simple, with all operating functions easily completed with one hand.



The unique turtle speed function with a red light display makes it more convenient to move the stacker slowly, and even in very narrow spaces, goods can be placed.



## RUGGED ON THE OUTSIDE

- The low center of gravity design, with a high-strength steel frame structure, has a large residual load capacity and a long service life.
- The mast is made of H-section steel, which provides better rigidity and stability compared to C-section steel.

The stamped fork has higher strength and impact resistance, and the fork tip guide further improves work efficiency.



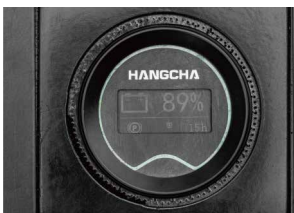
## Reliability

- The power plug is fixed on the truck body to prevent damage to the plug when lifting the battery.
- Adopting a non-contact proximity switch, it has a long lifespan and reliable operation.
- The battery is securely fixed, and the battery cover is supported by soft materials, reducing the vibration and noise generated during operation.
- The whole series uses waterproof connectors, and all wires and cables have reliable protection, greatly improving the reliability of the electrical system.
- The hydraulic power unit is low noise, low vibration, and the lifting and lowering are stable and reliable.



## Maintenance

- The AC motor is brushless and maintenance-free, saving usage costs.
- All shafts are equipped with lubricated bushings and oil cups, making maintenance convenient and extending the service life.



The integrated power display, timing, and fault self-diagnosis table are convenient for maintenance.



The rear cover can be completely opened, and the components are clear at a glance, making the maintenance of the truck very convenient.

# BETTER SAFE THAN SORRY

## With three braking types:

Releasing brake, reversing brake and emergency brake, the driving safety has been ensured.

1



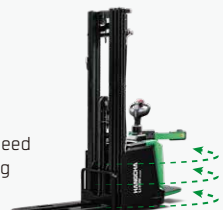
After fork  
lifting  
500mm.



2



Decrease speed  
when turning



3



Lifting  
buffering  
(Lift)



4



Soft  
Landing  
(Lowering)



5



1800mm



## ADVANCED SAFETY FEATURES

- 1 The standard feature of automatic speed reduction after the fork lifting by 500mm.
- 2 The standard cornering deceleration function is safer.
- 3 The standard electronic lifting limit and the dual protection of the intelligent limit of the controller avoid impact when lifting to the top, effectively protecting the motor and the safety of the goods.
- 4 Soft landing system, the speed of lowering is automatically reduced when the fork is less than 100mm from the ground, effectively protecting the safety of the cargo.
- 5 Standard equipment includes a height limit of 1.8m for lifting, with the ability to continue lifting after the safety barrier is retracted, ensuring convenience for personnel to escape in case of high-altitude cargo falling.



The emergency reverse button at the head of the handle can effectively prevent the operator from being injured when encountering an emergency while driving backward.



It has anti-slip protection on slopes to ensure operation safety.

# FAST STRONG SMART



HANGCHA provides Li-ion battery (LiFePO4) with 6 years or 12000 hours warranty.

**6 YEARS  
WARRANTY**

- Low cost, low power consumption
- Historical data record
- Flexible cascade expansion
- CRC data validation