

Features

Truck	Standard	Options
48V permanent magnet synchronous motor	●	
Key switch	●	
Polyurethane traction wheels	●	
Rubber loading wheels	●	
Side charging	●	
Shock absorbing pedal	●	
Multi-layer pedal mat	●	
USB Power Supply	●	
Speed reduction on turning	●	
Battery side out	●	
Battery lifting out	●	
Adjustable backrest	●	
Multi-function steering wheel	●	
Adjustable steering wheel position	●	
Non-detachable hook device	●	
Password lock + Swap card		○
Reflective panel		○
Multi-function bracket		○
Bumper		○
Spare power outlet		○
Rearview mirror		○
Various tow coupling heights		○
Rubber traction wheels		○
600mm width (only available for 3t model)		○
48V125Ah CATL lithium battery		○
48V105Ah EVE lithium battery	●	
48V30A, 48V50A charger		○
Controls and instruments		
EPS (Electric Power Steering) system	●	
Systech controller	●	
Multi-function color instrument panel	●	
Inching switch	●	
Safety		
Emergency power-off switch	●	
Horn	●	
Electromagnetic brake	●	
Fire extinguisher		○
Voice reverse beep alarm		○
Lights		
Front combination headlights (Headlights + Turn signals)	●	
Warning light		○
Combination tail lights		○
Blue light		○

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ISO45001:2018



ISO14001:2015



ISO9001:2015



HANGCHA trucks conform
to the European Safety
Requirements.



X SERIES

ELECTRIC TOW TRACTOR

With capacity of 3,000 to 5,000kg

X SERIES ELECTRIC TOW TRACTOR

The X Series electric tow tractor is a new generation of products developed by Hangcha specifically for warehouse logistics applications. It adopts advanced permanent magnet synchronous drive technology and a new 48V system, offering advanced performance, comfortable operation, safety and reliability, and low cost of use and maintenance; it is an ideal tool for fields such as automobile manufacturing and logistics transportation.



APPEARANCE

- The X Series electric tow tractor features a professional exterior design with a family and series-oriented consideration. The whole truck has smooth lines and is dynamic.
- It fully considers ergonomics and conforms to the latest design trends.



TOTAL COMFORT

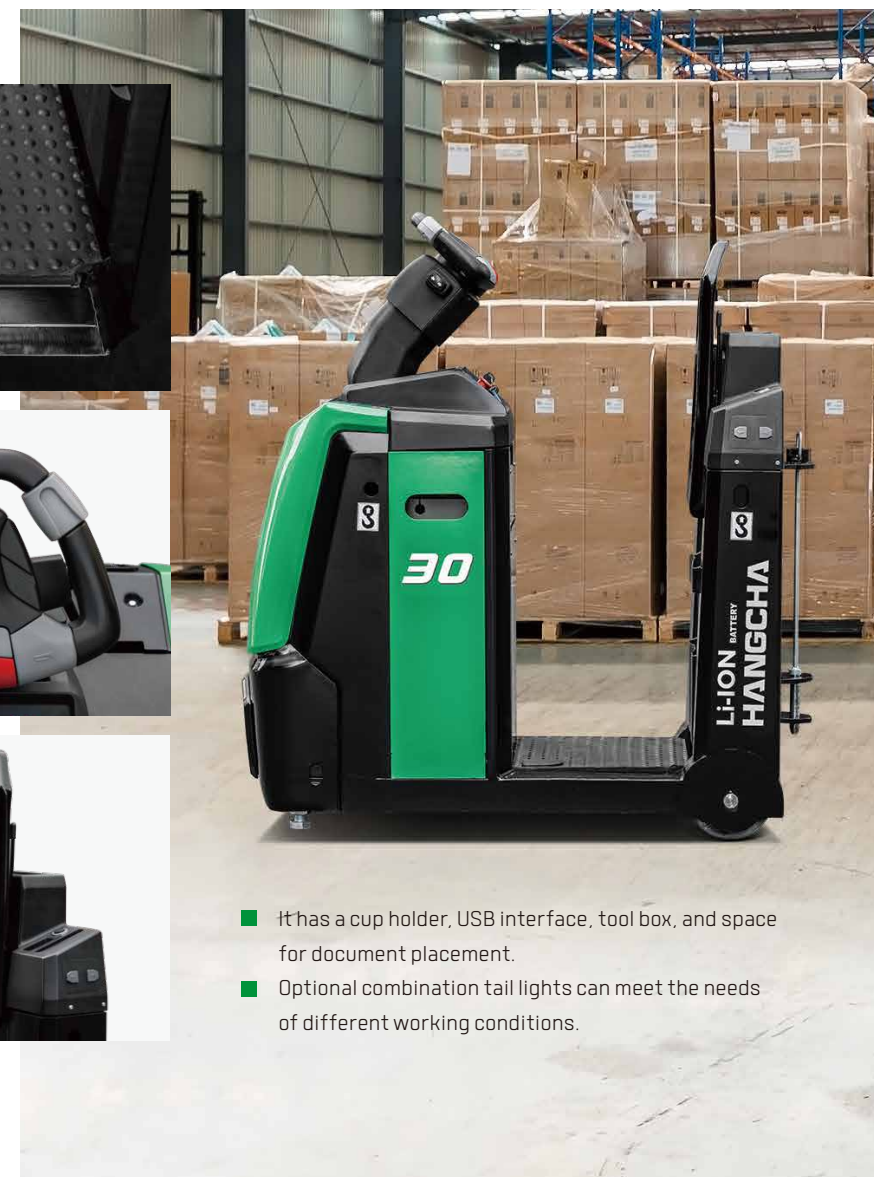
The pedal adopts a floating shock absorption design, greatly improving the comfort of standing and riding, and reducing fatigue from long-term driving.



The newly developed multifunctional steering wheel is more in line with the driving habits of the tractor; the steering wheel can be infinitely adjusted (height + angle) to suit different operators.



The backrest can be adjusted in height, offering high comfort.



- It has a cup holder, USB interface, tool box, and space for document placement.
- Optional combination tail lights can meet the needs of different working conditions.

MAINTENANCE

- The permanent magnet synchronous motor requires no maintenance.
- The optimized design of the driving wheel and loading wheel assembly makes it easy to replace the wheels.
- The multifunctional interactive instrument can directly view fault information.

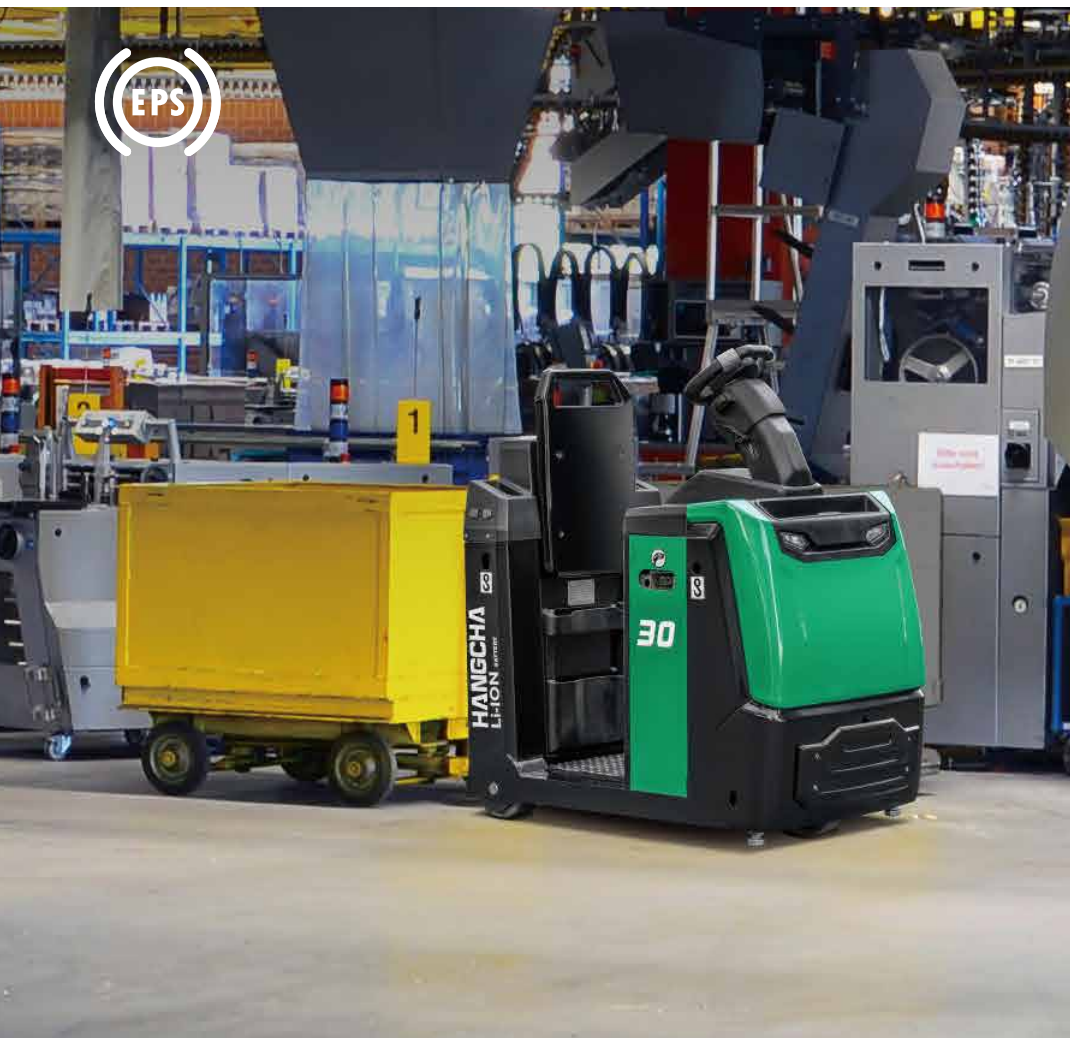
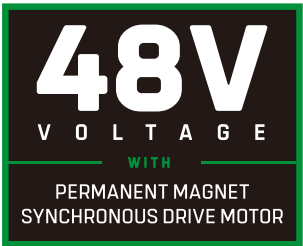


The hood can be fully opened, and the components are clear at a glance, making the maintenance of the truck very convenient.



REVOLUTIONARY PERFORMANCE

- Standard EPS(Electric Power Steering) makes the control lighter and more flexible, and the steering angle can automatically return to the neutral position, making operation more convenient.
- Equipped with a **48V permanent magnet synchronous drive system**, it has excellent performance and low energy consumption.



Equipped with a multifunctional instrument that offers various modes for users to choose from in different working conditions; it can display various working status parameters.

Standard high-power driving motor, with high traveling speed and strong traction performance.

 **9.0** km/h
Travel speed (laden)(3.0t)

 **4** %
Gradeability (laden)

RUGGED ON THE OUTSIDE

- The design of high-strength frame structure can meet various working conditions and has a long service life.
- Waterproof connectors are used, and all wires and cables are reliably protected, greatly improving the reliability of the electrical system.
- It adopts a three-point chassis design, equipped with a side support system, which is safe and reliable.
- The integrated metal cover can resist external impacts.



SAFETY

- It has release braking, reverse braking, and emergency braking functions to ensure driving safety.
- Standard cornering deceleration improves driving safety.
- It has a pedal safety switch to effectively prevent misoperation.



It has a anti-slip function to ensure operation safety.



The battery is standard with side charging, which is convenient and fast; the battery can be lifted and removed from the side, making replacement convenient.



Standard non-detachable tow coupling device, which improves the operation efficiency of the truck.



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

6 YEARS
WARRANTY

