



**HANGCHA GROUP CO., LTD.**

**Factory site:** 666 Xiangfu Road,  
Hangzhou, Zhejiang, China (311305)

Tel: +86-571-88926735 88926755  
Fax: +86-571-88926789 88132890

sales@hcforklift.com  
www.hcforklift.com



Follow us on  
Facebook



Follow us on  
YouTube



Follow us on  
WeChat



Download "Hangcha  
Forklift" App



ISO 45001  
ISO 45001:2018



ISO 14001  
ISO 14001:2015



ISO 9001  
ISO 9001:2015



HANGCHA trucks conform  
to the European Safety  
Requirements.

2025 VERSION 1/COPYRIGHT 2025/01

HANGCHA GROUP CO., LTD. reserves the right to make any changes without notice concerning colors, equipment, or specifications detailed in this brochure, or to discontinue individual models. The colors of trucks, delivered may differ slightly from those in brochures.



## X Series 3-Wheel Electric Forklift

with capacities of 600 to 1,000kg

*The World of Hangcha*  
SINCE 1956





# X Series 3-Wheel Electric Forklift

Hangcha's X series 0.6-1.0t 3W electric forklifts are a new series of high-efficiency, energy-saving small-tonnage electric counterbalanced forklifts with a new structure that represents a breakthrough over the traditional design concept. With a compact structure, small turning radius and light weight and high maneuverability, the truck is widely used in narrow operation places, e.g., used for handling between floors, to and from elevators or in warehouses, supermarkets, workshops, etc.



## Appearance

/ The whole truck is small and flexible, adopting a combination of straight lines and streamlined curved surfaces, with a simple appearance and strong strength.

## Stability

- / Thanks to the low center of gravity layout and design of the battery and counterweight, the vehicle has a low center of gravity and good stability.
- / The steering wheel adopts two rubber wheels, with good turning stability.

## Energy saving and high efficiency

- / The front-wheel drive provides, strong power, high driving speed, high lifting speed, strong climbing ability and high operating efficiency.
- / The front wheel is equipped with patterned rubber tires, so it is not easy to slip on the ground with water, sand, slope, and cold storage.
- / EPS (Electric Power Steering) system only works when turing, so that energy consumption can be reduced significantly.
- / Built-in charger improves efficient and convenient operation greatly.
- / The truck is equipped with energy-saving and durable LED lights.

## Comfort

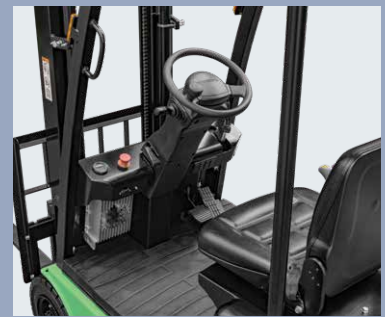
- / Excellent ergonomic design and large operation space provide the operator with more comfort, and satisfy the operator's needs for long-term and high-intensity operations.
- / EPS (Electric Power Steering) system, and a comfortable steering force can be adjusted with software, so that the steering is easier and the work intensity of the operator is reduced.
- / The angle of the steering wheel column is adjustable and the seat can be adjusted backwards and forwards, so that the operator can get a good ride experience.
- / The multi-way valve is easy to operate, reducing the work intensity of the operator.

## Safety

- / The optimized design of the wide-view mast and the low dashboard enable a wide front view and higher safety, and minimizes the blind view to the greatest extent.
- / The emergency power-off switch complies with European safety standards.
- / The electronic and hydraulic overload protection comply with safety regulations.
- / OPS system(Opt.) can improve safety greatly.



Wide view mast



Large and comfortable operation space



LED meter



Built-in charger



Lithium battery pack





Advancement

- / Full AC motors, precise speed control, maintenance-free , temperature monitoring.
- / Equipped with an AC controller, so that the driving,steering, lifting, tilting and other actions can be controlled by a computer.
- / The high-efficiency driving control system with a high-frequency integrated MOSFET controller ensures stable and accurate driving and lifting and superior speed regulation performance, and has the functions of regenerative braking, reverse braking and protection for preventing sliding down a ramp, etc. to enable safer and more effective and comfortable operations.
- / The LED meter can accurately display information in harsh environments.



Standard Specification

- / Tread solid tire
- / Anti-skid patterned step
- / Dual multiway valve
- / Silent gear pump
- / 2.5m duplex wide-view mast
- / Fork length 770mm
- / Adjustable steering wheel column
- / Rearview mirror
- / Emergency power off switch
- / Color screen instrument
- / Front LED headlight
- / Rear combination LED light
- / Horn, reversing buzzer

Options

- / Non-marked solid tire
- / Triple multiway valve
- / 2-4.5m duplex wide-view mast
- / 2-4m full free duplex mast
- / 3.5-4.5m triplex mast
- / Widened fork carriage and load backrest
- / External sideshifter
- / Other attachments
- / Foldable forks of different lengths
- / Forks of other lengths
- / Cold storage
- / Left and right rear view mirrors
- / Rear LED working light
- / Warning light
- / Charger
- / OPS system

Optional battery capacity			
Capacity (Ah/5h)	0.6t	0.8t	1t
125(Lithium)	●	—	—
250(Lithium)	—	●	●
300(Lithium)	—	○	○
168(Lead-acid)	●	—	—
200(Lead-acid)	○	—	—
294(Lead-acid)	—	●	—
336(Lead-acid)	—	○	—
400(Lead-acid)	—	○	●

Note: ● Battery; ○ Battery Opt; — Null

