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ISO45001  
ISO45001:2018



ISO14001  
ISO14001:2015



ISO9001  
ISO9001:2015



HANGCHA trucks conform to the European Safety Requirements.

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## X Series 3-Wheel Electric Forklift Truck With Lithium Iron-Phosphate

with capacities of 1,300 to 1,500kg

The World of Hangcha  
SINCE 1956



# X Series 3-Wheel Electric Forklift Truck With Lithium Iron-Phosphate

Hangcha's X series 1.3-1.5t three-point electric forklifts are a new series of high-efficiency, energy-saving electric counterweight 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 vehicle is widely used in narrow operation places, e.g., warehouses, supermarkets, workshops, etc.



## Appearance

/ With a profile formed by a combination of straight lines and streamlined curved surfaces, the vehicle is compact and maneuverable and has simple and sturdy appearance.

## Comfort

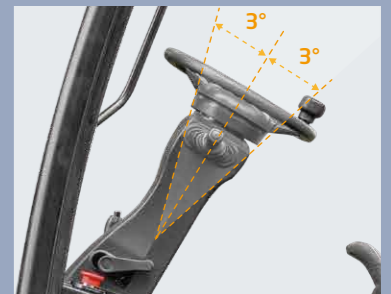
/ The angle of the hand wheel is adjustable and the seat can be adjusted backwards and forwards, so that the operator can choose the best driving position.  
/ Excellent ergonomic design and large operation space provide the operator with more comfort, and satisfy the operator's needs for long-term and high-intensity operations.

## 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 shut-off switch equipped for the standard configuration complies with European safety standards.  
/ The electronic and hydraulic overload protection devices comply with safety regulations.  
/ An optional seat sensing system is provided to enable high safety by disabling the traction, lifting, descending and other functions when the driver leaves the seat.

## Energy saving and high efficiency

/ Front-wheel drive; standard rubber tread tires, which are not prone to skid on slippery grounds such as puddles, sandy, sloping or cold storage grounds, etc.  
/ Efficient and convenient vehicle-mounted charger provided for the standard configuration.  
/ The vehicle is equipped with energy-saving and durable LED lights.



The angle of the hand wheel is adjustable



Seat can be adjusted backwards and forwards



Low dashboard



Vehicle-mounted charger



Standard rubber tread tires



Wide-view mast

## Advancement

- / AC devices, precise speed control, maintenance-free motor, temperature monitoring.
- / The forklift is equipped with an AC controller to enable its driving, steering, lifting, tilting and other actions to 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 high quality LED battery meter can accurately display information in harsh environments.

## Standard Specification

- / Tread solid tire
- / Anti-skid patterned step
- / Dual multiway valve
- / 3m duplex wide-field-of-view mast
- / Standard 920mm long fork
- / Adjustable steering wheel column
- / Rearview mirror
- / Emergency power off switch
- / Round color screen instrument
- / LED headlight
- / Combination LED tail light
- / Horn, reversing buzzer

## Stability

- / With the battery and counterweight arranged and designed to have a low center of gravity, respectively, the vehicle has a low center of gravity and good stability.
- / With two rubber tires, the turn wheels provide support side by side for good turn stability.

## Options

- / Seamless solid tire
- / 2-4.5m duplex wide-view mast
- / 2-4m free duplex mast
- / 3.5-4.5m free triplex mast
- / Widened fork carriage and load backrest
- / Triple and quadruple multiway valves
- / External side shift fork
- / Built-in side shift fork
- / Other attachments
- / Forks of other lengths
- / Cold storage vehicle
- / Left and right rear view mirrors
- / Rear LED operation light
- / Alarm light
- / Battery charger
- / OPS system

CATL Li-Ion battery pack specification			
Manufacturers type designation		CPDS13-XD4-SI*	CPDS15-XD4-SI*
Battery voltage, capacity	V/Ah	80/125	80/125
Battery weight	kg	120	120

Note: \* CE model

EVE Battery Capacity (Opt.)			
Capacity		1.3t	1.5t
Battery voltage, capacity	V/Ah	77.28/150	77.28/150

Table of the battery features		
Capacity (Ah/5h)	1.3t	1.5t
125 (lithium battery)	●	●
228 (lithium battery)	○	○

Note: ● Standard battery capacity; ○ Optional battery capacity

