



## X Series Internal Combustion Forklift

with capacities of 20,000 to 35,000kg



**ZHEJIANG HANGCHA IMP. & EXP. 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



ISO14001  
ISO14001:2015



ISO9001  
ISO9001:2015



HANGCHA trucks conform  
to the European Safety  
Requirements.

2021 VERSION 1.1 COPYRIGHT 2021/03

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.

*The World of Hangcha*  
SINCE 1956







## Appearance

- / The exterior has a family appearance and a compact and smooth style showing modern industrial aesthetics.
- / With modular and standardized design taking full advantage of the X series platform, the main parts are verified step by step in advance, so that the vehicle is highly mature.
- / The key parts of renowned brands have been verified reliable and durable by the market for many years while being used by the old products.
- / Structural parts such as the frame, mast, etc. are upgraded and optimized on the basis of existing products, and are verified through CAE analysis and testing.

## Efficient

- / With the hydraulic load-sensing system to enable on-demand supply, less continuous load of the engine and less energy consumption and emissions, the work efficiency is improved significantly, and the average operation efficiency is increased by more than 15%.

## Intelligentized management system (option)

- / An optional cloud intelligent forklift management system FIMS and intelligent remote monitoring are provided to better facilitate equipment management and logistics management.



## Reliable



ZF gearbox



Single double-acting transverse cylinder steering axle, full hydraulic power steering and load-sensing steering gear all can provides easy steering action.



Heavy-duty traction axle with two-stage deceleration; Maintenance-free wet brake; Hydraulic release spring action parking brake provides safe and reliable.





## Maintenance

- / The high-definition LCD bus instruments have bus architecture and several built-in diagnosis and management functions to enable central fault alarm, simplified operations, easy diagnosis and flexible configuration of electrical functions.
- / The tiltable cab and wide-opened hood enable easy access to the oil and water, and make maintenance more convenient.



The newly designed LCD instrument has more comprehensive functions and more stable performance. It can display the important information such as truck status and engine faults... So that the operator can understand the truck status more intuitively and facilitate maintenance.



Battery compartment is easy to open for easy maintenance.



## Comfort

- / The compact integral joystick enables easy and accurate remote control. The optimized hydraulic braking curve enables smooth easy-to-control braking.
- / The adjustable suspended seat, inclinable telescopic steering column, and multidirectional adjustable console can meet the needs of different operators to the greatest extent and bring a comfortable control experience.



Suspended seat with fingertip system that can be easily adjusted to suit each customer.

## Safety



Excellent all round visibility is achieved by the overall design.



Optional imaging system with front and rear camera, increasing the safety greatly.





## Fully-suspended all-round vision cab

- / The new fully-suspended all-round vision cab (HCCS) and optimized vehicle outline enable all-round sight and view.
- / The molded interior parts enable a more comfortable feel.
- / The integral frame constituted by profiled steel pipes has higher strength and better enclosure.



## Standard Specification

- / Duplex wide-view mast
- / Hydraulic prong adjustment
- / Standard fork
- / Cabin
- / Cooling and heating air conditioner
- / Fully hydraulic power steering
- / Quadruple multi-way valve
- / Chair sensing system
- / Steering wheel adjusting device
- / Self-locking valve in the tilting fuel circuit
- / Speed limit valve in the lifting fuel circuit
- / Armrest's multi-directional adjustment device
- / Traction device
- / Main power switch
- / Reversing radar
- / LCD bus instrument
- / Neutral indicator
- / Parking braking indicator
- / Charge indicator
- / Preheating indicator
- / Engine oil pressure alarm
- / Air filter alarm
- / Accumulator low pressure alarm
- / Hydraulic oil filter alarm
- / Oil-water separator alarm
- / Engine failure alarm
- / Vehicle LED lights
- / Water thermometer
- / Oil gauge
- / Oil temperature meter
- / Engine hour counter
- / Pneumatic tire
- / Reverse buzzer
- / Snail horn
- / Manual tipping pump
- / High-position emission device
- / Mast LED operation light
- / Vehicle toolkit

## Options

- / User specified color
- / Forks of other specifications
- / Masts of other specifications
- / Solid tire
- / Vehicle intercom
- / Reverse voice buzzer
- / Electronic alarm light (with\without a control switch)
- / Rear view system (optional with memory)
- / Front and rear view systems (optional with memory)
- / Spark arrester
- / Fire extinguisher (2kg \ 4kg)
- / Automatic fire extinguisher
- / Four-channel driving record system
- / Speed limit
- / Blue light
- / Weighing system
- / Air prefilter
- / Cab fan
- / Cab electric tipping pump

