



X Series Internal Combustion Forklift

with capacities of 20,000 to 35,000kg




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ISO 45001
ISO 45001:2018



ISO 14001
ISO 14001:2015



ISO 9001
ISO 9001:2015



HANGCHA trucks conform
to the European Safety
Requirements.

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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 mast
- / Standard lifting height
- / Standard fork
- / Hydraulic Fork Positioning
- / Built in Sideshift
- / Standard color
- / Vehicle toolkit
- / Pneumatic tyre
- / Fully hydraulic power steering
- / Extended exhaust pipe
- / Pre-cleaner air filter
- / Tow pin
- / Rear-view mirror on right & left mudguards
- / Separate brake oil tank
- / Integrated joystick
- / Adjustable steering column
- / Adjustable armrest
- / Variable hydraulic pump system
- / Four-way hydraulic valve
- / Operation proportion control
- / Operator Presense System (OPS) with buzzer
- / LCD display screen
- / Main power switch
- / Emergency power off switch
- / Maintenance-free 24V lead acid battery
- / Reverse buzzer
- / High decible horn
- / LED lights (entire vehicle)
- / 2 x Working light on front mudguard
- / 2 x Front working light on top of cabin
- / 2 x Rear working light on top of cabin
- / 2 x Working light on both sides of mast
- / Reverse sensor
- / Rearview camera system
- / Flashing warning light (non rotating) with control switch
- / On-board diagnostics system
- / Engine fault alarm
- / Engine oil pressure alarm indicator
- / Air filter warning indicator
- / Water temperature indicator
- / Hour meter
- / Battery charge indicator
- / Low hydraulic pressure alarm indicator
- / Hydraulic oil filter warning indicator
- / Oil gauge
- / Fuel-water separator warning indicator
- / Oil temperature gauge
- / Pre-heat indicator
- / Drive mode indicator
- / Parking brake indicator
- / Service indicator
- / Cabin
- / Climate control system (air-conditioning and heater)
- / Manual tilting cabin
- / Radio
- / Sunshade
- / USB charging interface
- / Clothes hanger hook
- / Reading light
- / Fan

Options

- / Optional lifting height
- / Other fork specifications
- / Fork hook on type
- / Independently-adjustable fork
- / User defined colour
- / Fire extinguisher (2kg/4kg)
- / Solid tyre
- / Centralized lubrication system (machine)
- / Lockable fuel cap
- / Spark arrester
- / Electrostatic discharge chain
- / Rearview camera system with memory
- / Front & rearview camera system
- / Front & rearview camera system with memory
- / 4 directions camera system with single display
- / 4 directions camera recording system with single display
- / In cabin CCTV
- / Rear blue safety light
- / Front and rear blue safety light
- / Three sided blue danger zone light
- / Overspeed alarm
- / Voice reverse alarm
- / Automatic fire suppression system
- / Two-way radio
- / Weight indicator in display
- / Tyre pressure monitoring
- / Electric tilting cabin
- / 1 x 24V power supply
- / 1 x 12V power supply
- / License plate frame