



X Series Diesel Forklift Truck For Work In Container

with capacities of 5,000 to 10,000kg



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The World of Hangcha
SINCE 1956





Vehicle features

- / The vehicle is designed to have a sturdy exterior with novel streamlined curved surfaces and a prominent and innovative inside.
- / With a free duplex mast for the standard configuration and optional masts of multiple specifications for inside-container operations, the highly-adaptable vehicle has a low height and a narrow body appropriate to inside-container operations and meets the other requirements for operations in low and narrow environments.
- / With a heat dissipation system equipped with an integrated aluminum plate-fin heat dissipater, a standard hydraulic oil heat dissipater with a good heat dissipation effect, and an air duct with optimized design, the oil temperature of the torque converter, the water temperature of the engine and the hydraulic oil temperature can be reduced by 5°C~15°C.
- / With a ceramic-plated cavity, the gear pump has a doubled life and can meet the requirements of harsh operating conditions. By increasing the operation efficiency of the hydraulic system and the displacement of the gear pump, the lifting speed can be increased by 20%.
- / With a large-capacity torque converter and a port transmission with a life increased by 30% and fuel consumption reduced by 5%, the vehicle has a driving speed increased by 15%.
- / With the new ergonomic design and the mast with a forward tilt angle increased by 10° to improve operating safety.
- / Bosch-Yuchai high-pressure common-rail engine.
- / Active safety and IoT technologies independently developed by Hangcha Group and a standard smart module are used to enable a higher operation efficiency of the forklift and a lower use cost of the customer.

Vehicle warranty period

- / The warranty period is prolonged to 2 years or 4000 hours (except for vulnerable parts), where the expiring period will prevail.

Vehicle-mounted video system

- / The 8.5-10t vehicle is equipped with a front and rear cameras—equipped with a vehicle-mounted video system for the standard configuration to broaden the front and rear operating views.

LCD instruments with clear display

- / The newly developed LCD instruments have more comprehensive functions and more stable performance and can completely display important information such as the running status of the vehicle, engine failure, etc., so that the operator can more clearly know the status of the vehicle and the maintenance becomes easier.

New-generation integrated electrical box

- / A new-generation integrated electrical box with reasonable layout is used, which can be maintained and repaired easily and has better waterproof performance.

The vehicle can operate inside a container

- / The vehicle has a low height and a narrow body appropriate to inside-container operations and meets the other requirements for operations in low and narrow environments.



A wide-view mast system is used, the opening of the mast is widened, and the dashboard in the cab is lowered, so that the front view of the driver is broadened significantly



The compact large-space ergonomic cab enables comfortable operations



With a high-pressure multiple injection technology, the Bosch-Yuchai high-pressure common-rail engine for the standard configuration has strong output power, less smoke emission, better cold start performance and energy consumption reduced by 10%



A plate-fin heat dissipater with high-performance fins is used to enable low oil and water temperature without water and oil leakage



The novel high-flow air filter with a safety filter cartridge to enable cleaner air intake and higher power of the engine

Standard Specification

- / Standard thin-cushioned seat
- / Standard fork
- / Hanging fork carriage (5-7t)
- / Skewer-equipped fork carriage without positioned (8.5-10t)
- / Standard load backrest (5-7t)
- / Container spec overhead guard
- / Rainproof overhead guard cover
- / 2.5m free duplex mast (5-7t)
- / 2.1m free duplex mast (8.5-10t)
- / Neutral gear safety switch
- / Drum brake
- / Traction device
- / Mid-position emission device
- / Vehicle-mounted video system (8.5-10t)
- / Electro-hydraulic steering
- / Fully hydraulic power steering
- / Vacuum-assisted braking (5-7t)
- / Power braking (8.5-10t)
- / Single front wheel (5-7t)
- / Steering wheel adjusting device
- / Cable-type stop brake
- / Anti-skid boarding step
- / Tilt cylinder jacket
- / Boarding handle
- / Large rubber pedal pad
- / Air filter
- / Rearview mirror
- / Engine hood gas spring
- / Hydraulic oil dipstick
- / Self-locking valve in the tilting fuel circuit
- / Port transmission
- / Speed limit valve in the lifting fuel circuit
- / Transmission oil fine-filter
- / Two-piece multiway valve
- / Hydraulic oil suction filter cartridge
- / Electric horn
- / Reverse buzzer
- / Combination headlight (LED)
- / Front operation light (LED)
- / Combination tail light (LED)
- / Water temperature meter
- / Engine hour counter
- / Oil gauge
- / Preheating indicator
- / Charge indicator
- / Engine oil pressure alarm light
- / Air cleaner alarm indicator
- / Oil-water separator indicator
- / Electric flameout
- / Accumulator pressure alarm (8.5-10t)
- / Maintenance reminder
- / Smart module
- / Bosch-Yuchai high-pressure common-rail engine



Options

- / Cab (heater/air conditioner)
- / Solid tire
- / Clean tire (white/green)
- / User specified color
- / Imported brake (5-7t)
- / Fuel tank cap locked
- / Double air filters
- / Lockable hood
- / Engine fan shroud
- / Blue light
- / Alarm light
- / Fire extinguisher
- / Rear LED operation light
- / Main power switch
- / Rear armrest with a horn button
- / Speed limit alarm device
- / Automatic gear shifting system
- / 2.4m wide-view duplex mast (5-7t)
- / 3.6m free triplex mast (5-7t)
- / 2m wide-view duplex mast (8.5-10t)
- / Special fork
- / Side shift fork
- / Independently-adjustable fork
- / Side shift adjustable fork
- / Paper roll clamp
- / Soft package clamp
- / Boom
- / Tie rod
- / Fork sleeve
- / Tire clamp
- / Vehicle toolkit

