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A Series Internal Combustion Forklift

with capacities of 8,000 to 10,000kg

The World of Hangcha



A Series Internal Combustion Forklift

The A series is a novel series of internal combustion counterweight forklifts, which is independently developed by Hangcha by learning Japanese Nissan's technologies and on the basis of the prior products. Through comprehensive optimization of the exterior design, safety, comfort and reliability, the performance of the vehicle has been greatly improved in comparison with the prior products.



Appearance

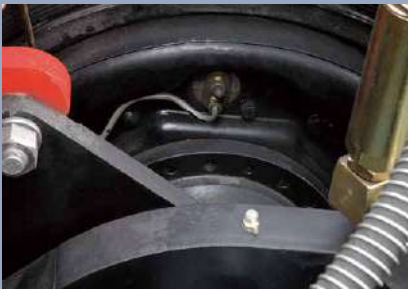
- / With a new exterior design method used, the vehicle has a smooth vivid profile following the up-to-date exterior design trend.
- / The vehicle is compact in appearance, and the exposed parts are robust and reliable metal parts.



The new wide-view mast enables an excellent view and faster and safer operations

Safety

- / The center of gravity of the vehicle moves backward to enable the higher longitudinal stability and high-position operation stability of the vehicle.
- / The standard vehicle is equipped with a safety lock on the hood to ensure the safety of the operator.



A drum brake is used, which is safer, more reliable, and easy to maintain

Comfortable

- / Advanced ergonomic technology, an integral engine hood, a steering wheel of a smaller size and an enlarged space for the pedaling foot are used to significantly improve the operation comfort and reduce the operator's fatigue.
- / The A series uses an integral engine hood and water tank lid to increase the rigidity of the hood, improve the enclosure of the vehicle, and reduce noise.



The engine's air intake pipe is provided as an independent channel in a high position to effectively prevent dust from being sucked in

Reliable

- / The engine's air intake pipe is provided as an independent channel in a high position to effectively prevent dust from being sucked in.
- / The large-capacity aluminum plate-fin heat dissipaters are used as the hydraulic oil, transmission oil, engine coolant heat dissipaters, and the intercooler. These dissipate heat well.
- / The novelly designed hyperbolic main gear drive axle has low noise and higher reliability.
- / An enhanced YQX100 gearbox with gears shifted mechanically and an optimized transmission ratio is used to increase vehicle speed. A mechanical gear shifting mechanism is used to enable clearer and more reliable gear shifting.
- / The front lights and tail lights are LED lights, which are energy-saving and environmentally friendly and have a long service life.



A new engine meeting the China Stage III emission standards is used, which is energy-saving and environmentally friendly and has stable performance and strong power



Enlarged heat dissipation channels and double-channel vents are used to ensure normal water and oil temperature. An independent hydraulic oil heat dissipater is provided, which meets the requirements of harsh operating conditions

Standard Specification

- / Standard seat
- / Standard fork
- / Standard fork carriage
- / Fork screw pitch adjustment
- / Standard overhead guard
- / Rainproof overhead guard cover
- / Duplex wide-view mast
- / Vehicle toolkit
- / Traction device
- / Neutral gear safety switch
- / Mid-position emission device
- / High-position air intake device
- / Hydraulic reversing
- / Fully hydraulic power steering
- / Power brakes
- / Charge indicator
- / Hydraulic oil cooler
- / Oil-water separator indicator
- / Steering wheel adjusting device
- / Cable-type stop brake
- / Engine start-up and flameout
- / Anti-skid boarding step
- / 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
- / Enhanced gearbox
- / Speed limit valve in the lifting fuel circuit

- / Transmission oil fine-filter
- / Two-piece multiway valve
- / Hydraulic oil suction filter
- / Drum brake
- / Electric horn
- / Reverse buzzer
- / Combination headlight
- / Engine oil pressure alarm
- / Front work light
- / Combination tail light
- / Water temperature meter
- / Engine hour counter
- / Oil gauge
- / Turn signal lights
- / Preheating indicator

Options

- / Cab
- / Cab heater
- / Cab air conditioner
- / Solid tire
- / Clean tire (white/green)
- / User specified color
- / Suspended safety seat
- / High-position emission device
- / Automatic gear shifting system
- / High and low overhead guards
- / Tilt cylinder jacket
- / Fuel tank cap locked
- / Double air filters
- / Counterweight grille

- / Heat dissipater grille
- / Engine fan shroud
- / Electro-hydraulic steering
- / Exhaust fire protection device
- / Exhaust purifier
- / Alarm light
- / Fire extinguisher
- / Rear operation lights
- / Rear armrest with a horn button
- / Speed limit alarm device
- / Hydraulic prong adjustment
- / Main power switch
- / Wet braking

Optional Mast

- / Free duplex wide-view mast
- / Free triplex wide-view mast
- / Special duplex wide-view mast
- / Widened fork carriage
- / Special fork

Optional attachments

- / Side shift fork
- / Independently-adjustable fork
- / Side shift adjustable fork
- / Paper roll clamp
- / Rotator
- / Steel pipe tipping fork
- / Load stabilizer
- / Boom
- / Tie rod

- / Fork sleeve
- / Tire clamp
- / Soft package clamp
- / Bucket
- / Tipping fork
- / Brick clamp

