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# **A Series Internal Combustion Forklift**

with capacities of 5,000 to 7,000kg



## **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 the latest exterior design method used, the vehicle has a smooth vivid profile following the latest exterior design trend.



#### **Safety**

/ The center of gravity of the vehicle moves backward to enable the higher longitudinal stability and high-position operation stability of the vehicle.



#### **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 the noise.



#### 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 dissipater has optimized heat dissipation channels. The integrated transmission oil and engine coolant heat dissipater and intercooler provide a good heat dissipation capacity.
- / 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 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.





#### **Standard Specification**

- / Standard seat
- / Standard fork
- / Standard fork carriage
- / Standard load backrest
- / Staridard load backlest
- / Standard overhead guard
- / Rainproof overhead guard cover
- / Duplex wide-view mast
- / Vehicle toolkit
- / Traction device
- / High-position air intake device
- / Hydraulic reversing
- / Fully hydraulic power steering
- / Vacuum-assisted braking
- / Steering wheel adjusting device
- / Cable-type stop brake

- / Anti-skid boarding step
- / Boarding handle
- / Large rubber pedal pad
- / 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
- / Reversing buzzer
- / Combination headlight
- / Front work light

- / Combination tail light
- / Water temperature meter
- / Engine hour counter
- / Oil gauge
- / Turn signal lights
- / Preheating indicator
- / Charge indicator
- / Engine oil pressure alarm
- / Neutral gear safety switch
- / Oil-water separator indicator
- / Electric flameout
- / Mid-position emission device
- / Air filter
- / Electric horn

## **Options**

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

- / Heat dissipater grille
- / Engine fan shroud
- / Exhaust fire protection device
- / Electro-hydraulic steering
- / Exhaust purifier
- / Alarm light
- / Fire extinguisher
  / Rear operation lights
- / Main power switch
- / Rear armrest with a horn button
- / Speed limit alarm device
- / Automatic gear shifting system

### **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
- / Soft package clamp
- / Bucket
- / Tipping fork
- / Mechanical barrel clamp (5–6 t)

- / Steel pipe tipping fork
- / Load stabilizer
- / Boom
- / Tie rod
- / Fork sleeve
- / Tire clamp
- / Brick clamp

