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ISO45001:2018

ISO14001:2015

ISO9001:2015

HANGCHA trucks conform to the European Safety Requirements.



XF2 SERIES

IC COUNTERBALANCED TRUCKS

With capacity of 4,000 to 5,500kg

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XF2 SERIES

IC COUNTERBALANCED TRUCKS

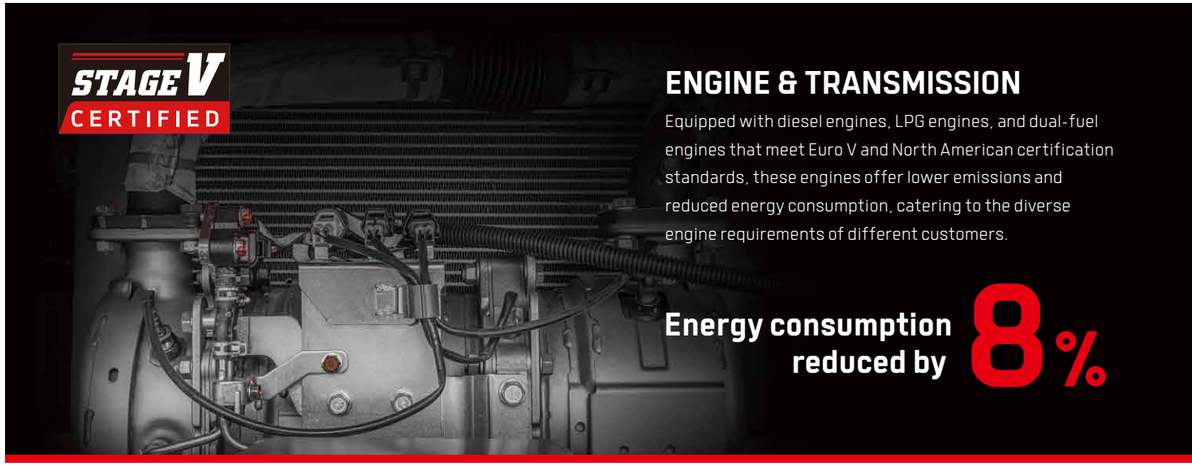
The XF2 series is an upgraded product independently developed by Hangcha using advanced technology. Through comprehensive upgrades in appearance design, energy efficiency, safety and stability, reliability and durability, and comfort and convenience, the overall performance of the truck has been significantly improved compared to the original product, making it a forklift truck that meets all your needs.



NEW DESIGN

- The XF2 series adopts a unified product appearance style, innovating within the classics, with smooth, dynamic, and powerful lines that exude a sense of technology.
- The fully enclosed instrument control panel and the flowing LED tail lights are more finely assembled, making the truck simple and aesthetically pleasing.

ENERGY-EFFICIENT AND ENVIRONMENTALLY FRIENDLY



ENGINE & TRANSMISSION

Equipped with diesel engines, LPG engines, and dual-fuel engines that meet Euro V and North American certification standards, these engines offer lower emissions and reduced energy consumption, catering to the diverse engine requirements of different customers.

Energy consumption reduced by 8%

- The Diesel Particulate Filter (DPF) after-treatment system features both on-the-go and stationary regeneration strategies, achieving carbon accumulation balance during standard operating conditions and extending the cleaning cycle.
- Standardized with load-sensitive multi-way valves and a high-pressure hydraulic system, which reduces energy loss and significantly increases lifting speed.

LIFT SPEED INCREASED BY 16%

- The entire truck is equipped with an LED lighting system, which saves energy, reduces electricity consumption, and greatly extends the lifespan of the lights.
- Streamer LED taillights are developed and used to make the vehicle more ethereal with a strong high-tech impact.







PROTECT YOUR INVESTMENT

The vehicle's center ofgravity is reduced by 5%

The use of a split counterweight design ensures an optimal distribution of load on the axle, with a low center of gravity for enhanced stability.

The front overhang of the triplex mast is reduced by 10%

The adoption of a new slot structure mast significantly reduces the overhang of the triplex mast, greatly increasing the residual capacity and improving the load capability.



The truck comes standard with OPS system, and an optional adjustable speed limit function is available to enhance operational safety.

COMFORT AND CONVENIENCE

- Optimized ergonomic design, enlarged cab space, an optional new-generation fingertip operating system.
- The standard low-angle throttle pedal reduces driver fatigue.
- The application of large-area sound-absorbing materials and low-noise gear pumps, among other noise reduction measures, ensures low noise levels around the driver's ears.



A color interactive LED instrument panel is used, which can display the truck's status, set parameters, switch languages, etc., facilitating human-machine information interaction.

An intelligent controller can realize the functions of OPS system, and flameout for idle speed time out, and can have other optional functions of speed control, speed limiting for faults, lifting at a high idle speed, automatic fork leveling, etc.

ALL-ROUND VISIBILITY

The ultra-wide view mast and the rear-tilted counterweight design provide an expanded field of vision to the front and rear of the truck, especially a significant enhancement in the view to the front of the triplex mast.

Optimized design provides outstanding visibility in all directions.

Triple Mast's field of view increased by 60%

Rear maneuvering vision increased by 15%





RELIABLE AND DURABLE

- Parking brake: A central brake requiring less operating force.
- The use of high-strength maintenance-free wet brake drive axle significantly improves the reliability of the braking system and extends its service life.
- Key components use waterproof connectors, elevating the protection level of the electrical system.
- All joints are 24° conic joints and each high-pressure pipe joint has a pressure measuring port that enables better sealing and offers better maintainability.
- Both the drive axle and the gearbox are expected to have a service life of far longer than 10 years, and the wet brake 10 years. Enhanced four-piece rims are used.

Equipped with an oversized radiator, the frontal area for both water and oil cooling is greatly increased, significantly reducing the water and oil temperatures, making the truck more durable.



Radiator frontal area increased by 28%

The adoption of an open-casting flexible steering axle with strengthened axle body and high-position design enhances the reliability of the steering axle.



The steering axle is installed with rubber pad, which effectively improve the operation comfort and reliability.



Cast steering axle

Breaking through the limitation of the traditional steering axle structure, the newly developed cast open steering axle has the maximum internal turning angle increased from **79°** to **82°**, it can help customers work in narrow space.

The use of floating OHG and floating transmission, the dual-suspension vibration reduction system results in minimal truck vibration.

The OHG is designed with pre-set installation holes, allowing customers to easily convert the truck into a cab by adding doors and windows, making it more user-friendly.



EASY MAINTENANCE

- The increased opening angle of the hood provides a larger serviceable space.
- The counterweight features a large opening design, allowing for the removal of the after-treatment system without disassembling the counterweight, making maintenance more convenient.

Maintenance space increased by 10%



Features

Truck	Standard	Options
Plate-fin heat dissipater	●	
Mechanical handbrake	●	
Dynamic load sending control valve	●	
Double-Layer Soundproof Hood Padding	●	
Tilt Cylinder Boot	●	
Reinforced wheel rim	●	
Cab		○
Heater		○
Front windshield and wiper		○
Solid tire		○
Dual air filter		○
Fan		○
Fully-suspended seat		○
Customer paint		○
Toolbox		○
Fire extinguisher (1kg)		○
Transmission		
Fully-suspended gearbox	●	
Dual front wheel		○
Steering		
Wet braking drive axle	●	
Open cast steering axle	●	
Fully hydraulic power steering gear	●	
Steering wheel adjusting device	●	
Power		
High-efficiency air filter	●	
High-efficiency air intake silencer	●	
High-position exhauster	●	
Fan protection device	●	
Body		
Traction pin	●	
Counterweight net	●	
Lockable hood	●	
Dissipater grille cover		○
Rotating handle of water tank lid		○
Fuel tank cap with lock		○
Additional L/R rearview mirrors		○
Hydraulic		
Electro-hydraulic steering	●	
Low-noise gear pump	●	
Hydraulic oil recycling filter	●	
5th valve		○

Features

Control	Standard	Options
Fingertip system		○
Pedal parking brake		○
Overhead Guard		
Fully-suspended overhead guard	●	
Right rear armrest with horn button	●	
PVC shed	●	
Perforated overhead guard		○
Electrical		
Multifunctional interactive instruments	●	
Combination LED lighting system	●	
Integrated combination switch	●	
Main power switch	●	
LED rear working light		○
OPS system	●	
Multi-segment adjustable speed limit		○
Blue light		○
Audible and visual alarm		○
Mast		
Full free duplex mast	●	
Different length of fork	●	
Triplex mast	●	
Wider fork carriage	●	
Heightened load backrest	●	
Duplex mast	●	
Attachments		
Paper roll clamp		○
Rotatable roll clamp		○
Load stabilizer		○
Multi-purpose barrel clamp		○
Weighing system		○
Sideshifter		○
Rotating fork		○
Fork sleeve		○
Crane arm		○
Special fork		○
Soft package clamp		○
Oil barrel clamp		○
Tipping clamp		○
Hook		○
Carton clamp		○
Push-pull device		○
Bucket		○
String Pole		○