

Standard configuration	Optional
Continuously variable transmission system	Cab
Electro-hydraulic direction changing	Air conditioner(certain type)
Air filter pressure alarm	Heater
4.3 inch LCD color screen intelligent instrument	Front/Overhead /Rear windshield
Operator-presence control system (OPS)	Lifting valve stem horn button
Flickering warning light	Fire extinguisher
USB interface	Fan
Comfortable seat	Double air cleaner
Chassis protective base plate	Fork extension
Protection net of exhaust	Solid tyre
Adjustable steering wheel	Widen fork arm carrier
Reversing handle (with horn)	Cleansing muffler(certain type)
Control valve	Rear working light
Low exhaust	Optional attachments
Back view mirror	Lifting slings
Handle ball steering wheel	Main switch
Protection for steering cylinder	High exhaust/Middle exhaust
Front combined lamp	Warning light
Rear combined lamp	Protection net of overhead guard
Backward buzzer	Reversing voice speaker
Backrest	Universal key
Driver's tool	Synchronized steering
Standard fork	Rear view camera
Integrated electric box	Tachograph
Overhead quard rain cover	Red/blue warning light
Wide view mast	Finger tip operation system
Durable tread tyre	Overspeed alarm
Tilt oil circuit self lock valve	Speed limit function
Flow regulator	Starting through card or face recognition
Traction pin	Internet of vehicle
Starting through card (National IV model)	HELI active stability safety control system
Visualized reminder for electrical appliances	HELI Anti-collision intelligent warning system
Oil filler cap with lock	HELI AI-collision warning system
	HELI smart fleet management system
	Weighing system

CPCD 20/25/30/35 CP(Q)(Y)D 20/25/30/35



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G3 series Internal Combustion Counterbalanced Forklift Truck



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***New flagship of internal combustion trucks
shapes an intelligent future***

Safe / Intelligent / Efficient / Energy Saving / Comfortable

Excellent safety

The mast is equipped with overlapping pulley groups for a wide field of vision and safer operation.



The overall stamping design of the cab offers enhanced safety protection.

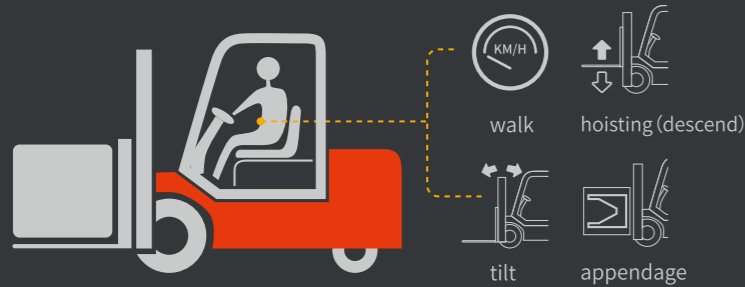


The controller has passed dual certifications of functional safety and CE, utilizing a dual CPU design for dual protection, further enhancing the safety of the entire truck. (Standard on trucks meeting Euro V, optional on other models)



The multi-point horn button is equipped to provide safety warnings under various conditions.

The multi-point horn button is equipped to provide safety warnings under various conditions. **Driver Presence Safety System**



The driver presence safety system meets the needs of different regional customers, making driving operations safer.

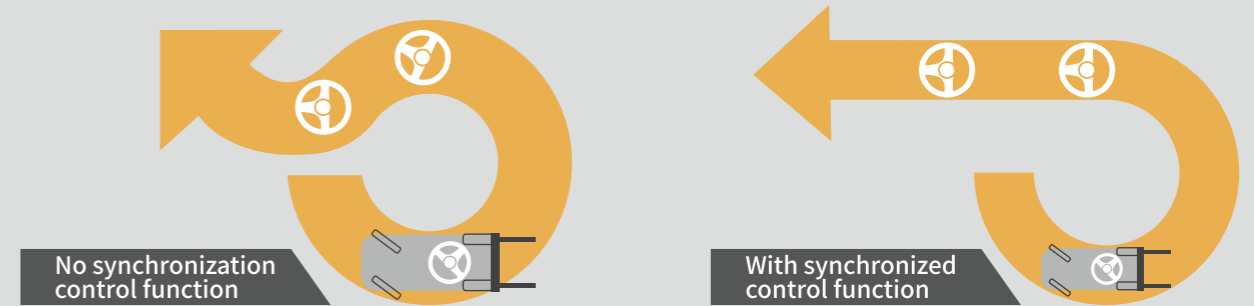


Personalized speed control system meets different speed limit requirements (electronic control machine).

Multi-dimensional intelligence

[Synchronous steering] (optional)

The synchronous steering function: a hydraulic synchronized steering system that adjusts the steering wheel and wheel angles in real-time provides precise steering and comfortable driving.



[HELI Active Stability System] (HLASS) (optional)

Equipped with the HELI active stability safety control system, it achieves multi safety controls such as thumb switch control, synchronized steering, automatic leveling of forks, inclined buffering at the end of forks, and mast tilting speed control, comprehensively enhancing driving and handling safety.

Fork one-button leveling function

When the mast is tilt, press the automatic leveling button, and the fork automatically returns to the horizontal position, which is intelligent and convenient.

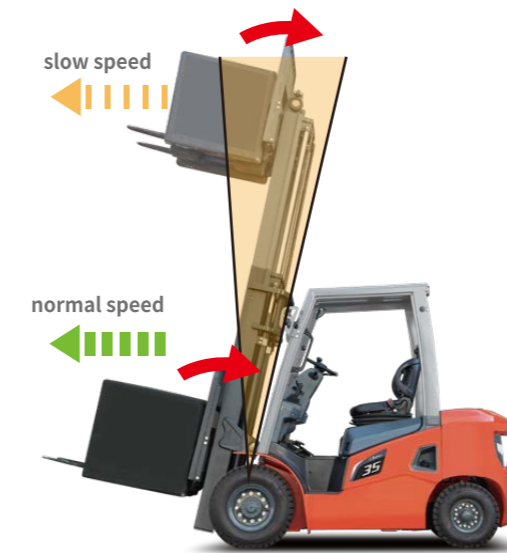
Automatic leveling of forks

AUTO

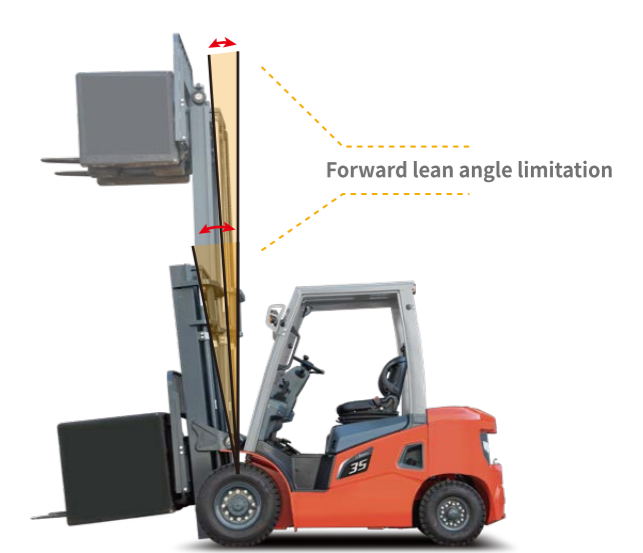
Thumb switch control

Seat fingertip control

The multifunctional armrest of the seat allows you to use your fingertips to control the truck's driving, cargo loading and unloading, and warning operations.



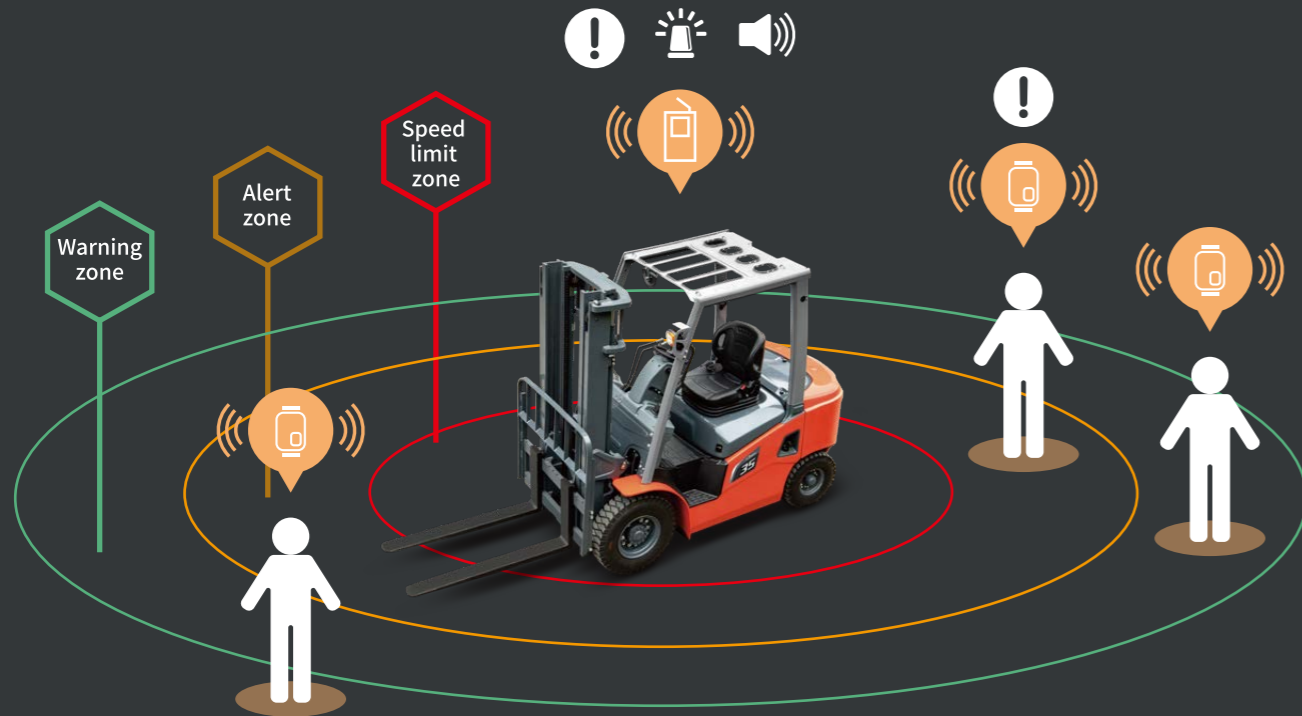
Mast speed control function:When working at a high position, the mast's rear tilt speed is intelligently controlled, and the front and rear tilt ends are intelligently buffered to maintain stability during high-altitude operations.



Mast angle limit function: When working at a high position, the mast's forward tilt angle is limited to maintain stability during high-altitude operations.

[HELI Intelligent Anti-collision Warning System] (HLACW) (optional)

HELI Anti-collision Intelligent Warning System offers multiple intelligent systems such as UWB anti-collision warning and reverse anti-magnetic collision warning, providing comprehensive protection for driving safety.



[HELI AI Anti-collision Warning System] (HLACW) (Optional)

Face recognition for truck start + driver behavior recording function (Face ID + DMS)

Face recognition for truck start + driver behavior recording function + blind spot detection + truck control system + driving recording function (Face ID + DMS + BSD)

Face recognition for truck start + driver behavior recording function + 360 panorama + truck control system + driving recording function (Face ID + DMS + AVM)

Face ID: Driver identification system for truck start, ensuring exclusive use and enhancing management.



AI Face Recognition Unlock

DMS: Driver Behavior Monitoring safety module improves driving safety.



Recognition and Alert for Fatigue Driving

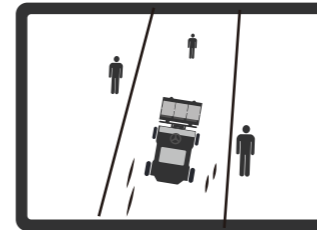


Recognition and Alert for Phone Calls during operation



Recognition and Alert for Smoking during operation

BSD: Blind Spot Detection System to detect pedestrians approaching the truck's blind spots and display them on the screen, as well as timely alert the driver and the approaching target.



Detection of pedestrians approaching the truck's blind spots.

AVM: The 360-degree panoramic surround view system installs fisheye cameras around the truck to display the surrounding environment, and issues timely alerts.



Display and Alert of pedestrians or motor approaching.

Significant Efficiency

- The truck is configured with a large-capacity air filter with a safety filter and pressure alarm function to effectively purify the intake air and monitor the degree of air filter blockage in real time.
- The lifting system has been comprehensively upgraded for longer maintenance cycles and high load bearing capacity.
- The entire truck adopts a fully hydraulic load-sensitive system for precise operation, greater efficiency, and enhanced comfort.
- The truck is equipped with an electrical failure visualization warning system, which provides engine fault warnings, fault displays for the truck's electrical system, and machine maintenance information reminders for efficient and convenient operation.
- A multi-dimensional human-machine interaction intelligent instrument monitors the overall status of the truck, and can achieve functions such as card-based start-up, providing efficient and flexible operation.
- The engine hood has a large opening angle, and the front and rear bottom boards are detachable for convenient maintenance.
- Card swipe for truck start
- Password start
- Large opening angle engine cover

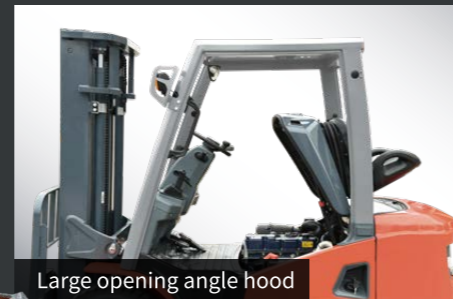




Starting through card




Starting through password




Large opening angle hood

Green and Energy-saving

- The overall truck system has been matched and upgraded, reducing the energy consumption of the entire machine by more than 15% compared to previous generation products.
- The truck is equipped with a low-loss and low-consumption hydraulic system, the hydraulic oil temperature of the entire machine is reduced by more than 20% compared to previous generation products.
- The truck is equipped with the latest emissions-compliant energy-saving internal combustion engines that meet local requirements, ensuring green and energy-saving operation.



Reduced overall truck energy consumption by more than **15%**



Hydraulic oil temperature drop of more than **20%**

Driving comfort



dB



Multiple systems have been jointly upgraded, resulting in better noise performance of the entire truck.



Mast descent cushioning

The lifting system has been buffered and upgraded to reduce operational impact, providing a comfortable and safe experience.





A low steering effort steering system with a **30%** reduction in steering effort provides more efficient and comfortable steering operation.

