



Maximum gradeability with load **20%**



Driving speed **19-20km/h**



Acceleration time with load (10m) **5s**



Acceleration time without load (10m) **4.5s**



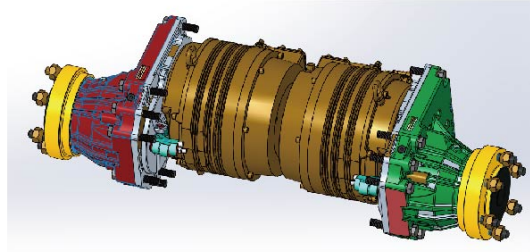
Lifting speed with load **0.44m/s**



Lifting speed without load **0.54m/s**

Powerful Performance, High Efficiency

Front wheel dual drive motors offer stronger power and higher operation efficiency.



Equipped with Heli or ZF dual motor drive unit, high speed ratio reducer, high-power IP54 protection grade AC motor and oil-cooled multi disc brake, It's powerful, efficient, reliable and maintenance-free with low noise.

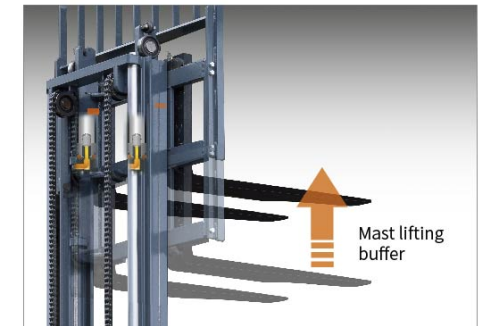
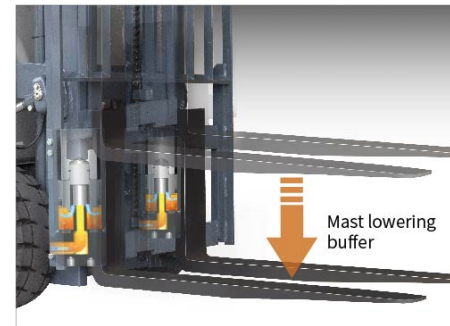
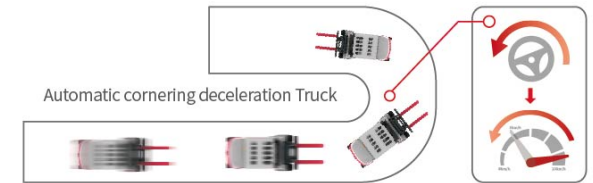
Compact truck body, more flexible

Narrow truck width is more suitable for narrow aisle application; The large angle steering bridge makes the turning radius smaller, so the loading and unloading operation of narrow channel is free of pressure.



Intelligent security, full-scope safeguards

- **Automatic cornering deceleration Truck:** Auto steering deceleration reduces the risk of turning over.
- **Steering started by steering wheel:** The steering wheel can directly start the steering function and provides the required oil quantity according to the steering wheel speed.
- **Color screen instrument:** Bilingual (CN/EN) options, full truck information at a glance.
- **Lithium battery:** Lithium battery is automatically heated at low temperature, with excellent low temperature adaptability.
- **Intelligent limit buffer:** Intelligent induction of mast lifting and lowering avoids limit impact and is safe and comfortable.
- **Intelligent operation protection:** A full set of OPS system can avoid misoperation and ensure safety.
- **Intelligent control strategy:** Dual core controller is in line with the latest EU safety requirements.
- **Battery box locking perception:** The battery box is not locked and the vehicle does not start, so as to avoid safety accidents caused by careless operation.



HELI smart fleet management system (domestic basic edition)

Vehicle positioning	Statistical form
Remote diagnosis	Vehicle management
Remote monitoring	Identification recognition (optional)
Maintenance reminder	Weight management (optional)
Battery management	Collision management (optional)



Note: the data displayed are all based on the model 3.5t, and data for other trucks are shown in the table of technical parameters.

Optimized Ergonomic Design, Better Driving Comfort



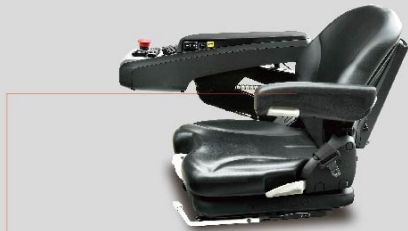
Right positioned control valve is more comfortable.



The wide front vision and the instrument layout based on ergonomics ensure safe and comfortable operation.



Enlarged boarding space and foot operation space offer more comfortable operation.



Grammer full suspension seat is optional for more comfortable driving. The multifunctional armrest integrates fingertip switch, direction switch, steering switch, PES gear, horn button, emergency power-off switch, etc., to realize convenient operation and precise control of electromagnetic proportion.



The rear handle and warning horn are designed for safer reversing operation.



Stamped integral overhead guard with transparent rainproof cover ensures operation in rainy days.



- USB power supply design is more thoughtful.
- Newtype of ratchet hand brake reduces operating force by 17%.
- PES Three-speed mode: Choose multiple speed modes according to working conditions, guarantee work efficiency.



20%

High Quality & High Reliability

Reinforced casting drive axle housing and steering axle body, optimized design of mast system, has passed durability test which has reliable quality to ensure operation safety.



Tested in Rough Operating Environment



The truck passed simulation experiment of bumpy road.



IPX4 waterproof: the vehicle is powered on to simulate a 15min short-time 5000L rainstorm test, and the vehicle can continue to run without failures.

Centralized Checkpoints, Easy Maintenance



- The electrical design is concentrated on the top of counterweight, which is reliable for heat dissipation and convenient for inspection and maintenance.
- Side battery is easy to replace and maintain.