

Wide view and High Strength Lifting System

- Standard 3-stage mast is available for the most common applications, including 3-stage mast with dual mast, mast with asymmetrical distribution capacity, and 4th stage mast.



High voltage lithium battery system

- The built-in modular core is a standard high-voltage lead-acid charging system.
- The high-voltage lithium battery charging system is used as a standard for energy saving and reduction.
- Lithium battery has high discharge rate, high cold-temperature performance, low self-discharge rate.
- The modular core energy storage system and the built-in battery pack a standard design can be used to meet the requirements of different applications.
- Lithium battery management system is standard to ensure the safety of use.
- Energy/Power/Current management for battery safety.



Powered transmission system

Modular design (for in-line tractor) integrated controller
New generation built-in driver motor (50kw / 220KW)

- The motor adopts the gear synchronizing, which is compact and efficient, and has low noise and high output power.
- New generation digital inverter drive has the advantages of power density, high torque, and reducing the cost (IP protection).
- Motor cooling fan improves the motor performance in hot areas.
- The transmission has a PLC protection for the operation of the motor.



Gearbox & Torque Converter

- Equipped with 2000L11 transmission box
- Torque converter gear shifting technology
- Smooth gear shifting with low noise
- Low gear shifting
- High efficiency gear matching
- Safe and reliable for road
- 4000L12 torque converter



HELI smart fleet management system (optional)

- Vehicle positioning
- Remote diagnosis
- Remote monitoring
- Maintenance reminder
- Statistical form
- Vehicle management
- Identify vehicle management (optional)
- Weight management (optional)



Proportional variable hydraulic braking system of quadruple pump

- The proportional variable hydraulic quadruple pump is integrated with the steering pump and the braking pump.
- Proportional control can fully utilize the space of the wheel hub for a wide range of performance requirements, which is suitable for different system applications.
- Motor control system has lower torque and higher efficiency.
- The intelligent pump system can fully utilize the space of the wheel hub for a wide range of performance requirements, which is suitable for different system applications.



Wet drive axle

The bearing system is optional, which can better working performance and is free from the influence of external moisture and dust. Reducing the wear and tear of the bearing system. The bearing system is optional, which can better working performance and is free from the influence of external moisture and dust. Reducing the wear and tear of the bearing system.



Wet drive axle

Intelligent safety

- Intelligent speed limiting system can effectively control the speed of the vehicle to ensure the safety of the driver.
- Intelligent torque management system can reduce the torque of the motor to ensure the safety of the driver.
- Intelligent hydraulic system can effectively control the pressure of the hydraulic system to ensure the safety of the driver.
- Intelligent weight management system can effectively control the weight of the vehicle to ensure the safety of the driver.
- Intelligent load management system can effectively control the load of the vehicle to ensure the safety of the driver.



Comfortable operation

- The human-machine interface of the control box is reasonably designed, with the human-machine interface greatly improved.
- The control box is easy to operate.
- Equipped with a large LCD screen, which can provide more information and is more convenient to operate.
- The control box is easy to operate, with the human-machine interface greatly improved.
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