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Three phase AC type motor technology

- · Three phase AC type motor control on travelling, lifting and steering
- Good acceleration
- · Fast and sensitive respond on travel direction shifting Free from maintenance motor without carbon brush having long service life and low maintenance cost
- Energy regenerating during deceleration extending operation hours
- Max. travelling speed without load 20% increased
- Max. travelling speed with load 27% increased

Newly designed hydraulic system

- · Newly designed hydraulic system with high working efficiency
- High power lifting motor
- MOSFET lifting speed governing electric controller
- New type low noisy gear pump
- · Max. lifting speed without load 15% increased
- Max. lifting speed with load 25% increased

Optimized intelligent design

- ZAPI travelling motor controller
- ZAPI lifting motor controller
- ZAPI steering motor controller
- CAN bus technology
- Emergency power off of both main circuit and control circuit
- Parking brake on slope
- Operation sequence protection
- Travelling speed control
- Electric controller self protection

Advanced EPS electric powered steering

- EPS electric powered steering offering easy, flexible, high efficient and mute operation
- Steering motor controller
- Automatic centering function
- Real-time shifting between 180°steering mode and 360°
- Automatic limit on speed and accelerated speed when steering

Easy operated thumb switch

- To control hydraulic functions
- Clear operating units
- Proportional solenoid offering a stable and comfort lowering action









Overhead guard

- Fence on top of the overhead guard offering driver wide view
- Beveled view angle design with front ring beam meeting humanized requirements

Wide view mast

- · Good view when loaded
- Integral sideshifter
- · Mast vertical, fork tilt
- · High residual load capacity at high lift height
- Lift height range:4600-12500mm
- · Buffering during lifting and lowering
- Buffering on lifting and lowering limit
- Buffering when cylinder moving forward

Comfort cab

- · Comfort cab offering driver good working environment and easy operation
- Easy reach to important operation
- · Adjustable seat (seat position /backrest angle)

Displayer

- High quality meter displaying important operating data
- Display of traveling direction and drive wheel angle
- Display of 180°/360° steering mode
- · Display of battery quantity and fault code
- Travelling mode selection · Lifting lock indication
- Hour meter

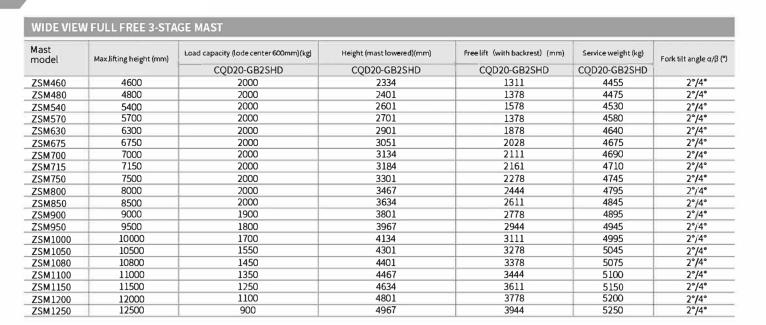
HELI smart fleet management system (optional)

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

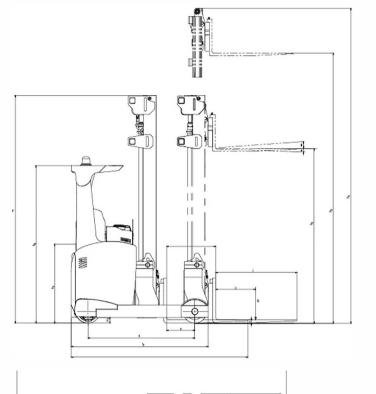


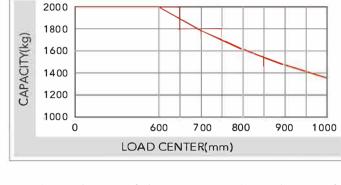


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Note: The vertical axis stands for load capacity and the horizontal axis stands for load center which is calculated from the front surface of the forks to the gravity of the standard load, the standard load means a cubic with 1000mm edge length. When mast is tilted forward, using non-standard forks or loading large goods, the load capacity will be reduced. The load capacity of standard mast at different load center can be known from this load chart.



RENEWABLE ENERGY TECHNOLOGIES

With the use of the excellent load-sensing steering system and AC controlling renewable energy technologies, the forklift is more energy-saving and the working hour of the battery is extended by 15%.

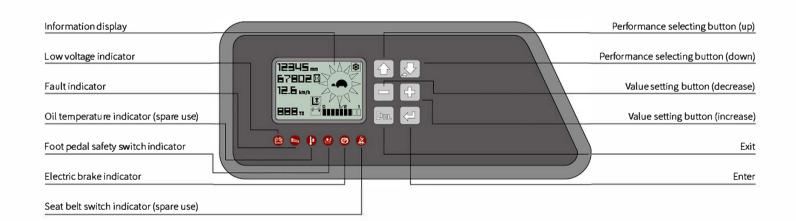




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Reliable special designed instrument

The reliable special instrument gives a complete display of the vital information, like operation status, fault detection, etc. It ensures the operator predominate the vehicle status more intuitive and convenient.



Standard configuration

Polyurethane tyre LED meter Front working light

Safety belt Blue warning light

AC travelling motor AC lifting motor AC steering motor ZAPI travelling motor controller ZAPI lifting motor controller ZAPI steering motor controller Electromagnetic brake Lifting height pre-selector Monitoring system DC/DC converter Low noisy gear pump Control valve (four throw) 4600mm three stage full free lift mast Integral sideshifter Standard fork Backrest

fork with other length Fork extension Reversing buzzer Other battery Germany hoppecker battery Italy FAAM battery Battery charger Customer made color Battery side pulling HELI smart fleet management system



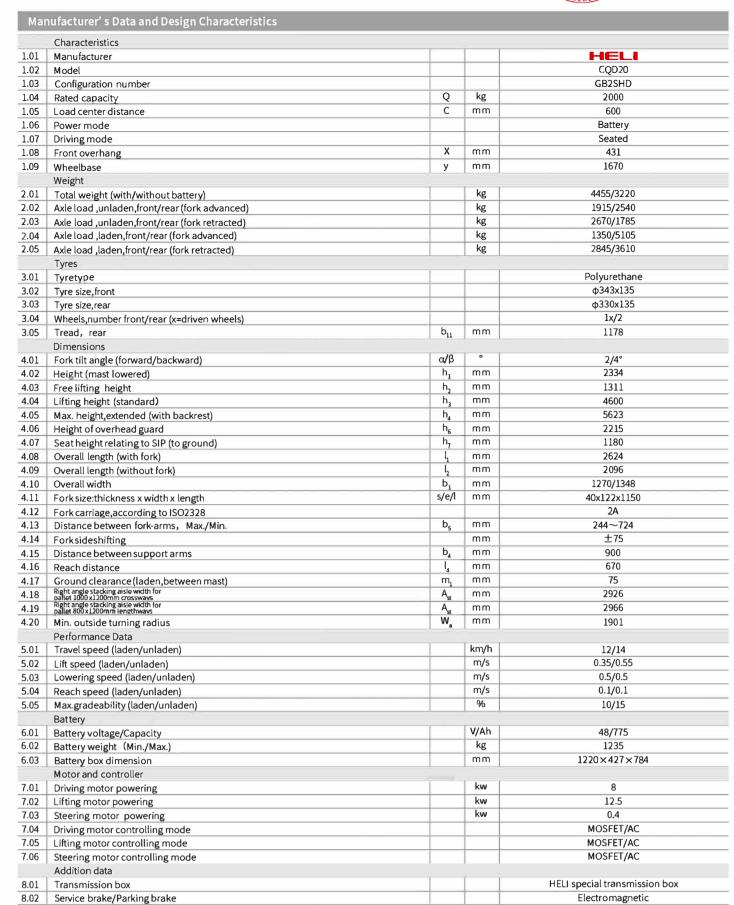
Rearview mirror with wide view angle

heliforklifts.co.nz

Contact us direct or get in touch with your local dealer







NOTE: *Detailed information about battery, please contact our salesmen or engineer.



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