

G2 SERIES 1.6-2.0 t

FEATURES OF THE COMPLETED TRUCK

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

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

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
- Lifting height pre-selector (optional)

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° steering mode
- 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



Sealed cab (optional)

- Tempered glass for cab
- The interior of the cab is packed by upholstery, prevent frostbite.
- Heater improves the temperature inside of cab.
- Electrical heating seat provides comfortable working environment for operator.
- USB
- Glass on top of the cab provides better visibility on the premise of ensuring safety
- Small window on one side of steering wheel meets ergonomics requirement.

Corrosion and rust prevention

- Corrosion and rust prevention painting is used on the completed truck.
- Stainless steel bolts are used on key parts.
- Chromate finish is adopted on pistons of front and rear lifting cylinders.
- Dacromet technology is adopted on the surfaces of chains.

Special oils for cold store

- Special low temperature lubrication grease is used for rollers.
- Low temperature transmission oil is used for transmission system.
- Hydraulic oil with low condensation point is used for hydraulic system.

Special parts for cold store

- Special drive tyres for cold store
- Special motors for cold store

HELI smart fleet management system (optional)

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

