

1.6-2.0t G2 series

AC Electric Reach Truck Sit Down Type (High Efficiency)

FEATURES OF THE COMPLETED TRUCK

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

G series / INTELLIGENT
ENVIRONMENT-FRIENDLY

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



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
- > Labor hour display
- > Time
- > Fork height display (optional)

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)

Overhead guard

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