



FJD G31 PRO

3D EXCAVATOR GUIDANCE SYSTEM

HIGHER CONSTRUCTION EFFICIENCY WITH REDUCED COST

The GNSS and RTK-based grade control system includes a 3D reference model, updates cut & fill-workload, and shows the excavator and bucket positions in real time, enabling operators of all skill levels to achieve 3cm accuracy effortlessly.



Accuracy
±3cm



3D Visual
Guidance



Possibility for 2D
Without GNSS



Durable Wire
at -40°C



8-core 2.2GHz
Tablet



Online Support
& OTA



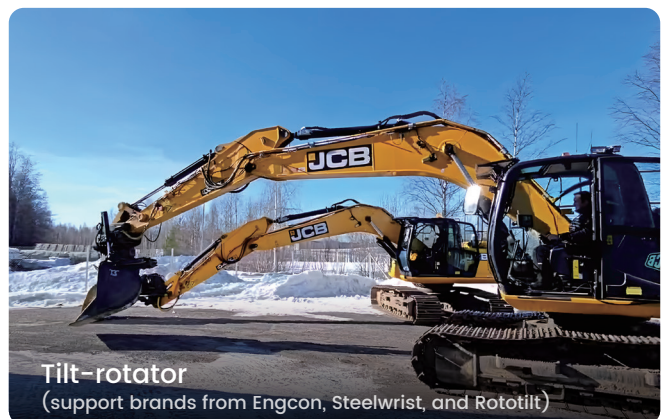
Elevation Offset



Network
Transmission

WIDE COMPATIBILITY

Offer great compatibility with a wide range of excavator models available on the market, ensuring versatility and convenience for various applications.



3CM ACCURACY

The sensor module ensures high precision and reliability, while GNSS antennas with ultra-strong and stable signals enable 3cm accuracy.



SITE DESIGN

With design drawings, you can set datum points on the spot. With the built-in transection templates, 3D visual files could be synthesized for a smooth start.



STREAMLINED WORKFLOW

Support a wide range of features to streamline workflow on job site, bringing higher efficiency and more convenience to your construction projects.

- Completion Rendering
- Layer Management
- 3D Line Guidance
- Transparent Bucket



KEY BENEFITS

45% ↓

Fuel Consumption

150% ↑

Proportion of Measuring Point Accuracy Within 3cm

35% ↓

Labour Hours



QUICK SPECS

Accuracy ±3.0 cm

Positioning Satellite Beidou / GLONASS / GALILEO / GPS

Sensor

IP Rating IP67

Working Temperature -40 C – +85 C

Sensor Cover Wading-operation Optional

Control Terminal

Signals 4G / WIFI / BT

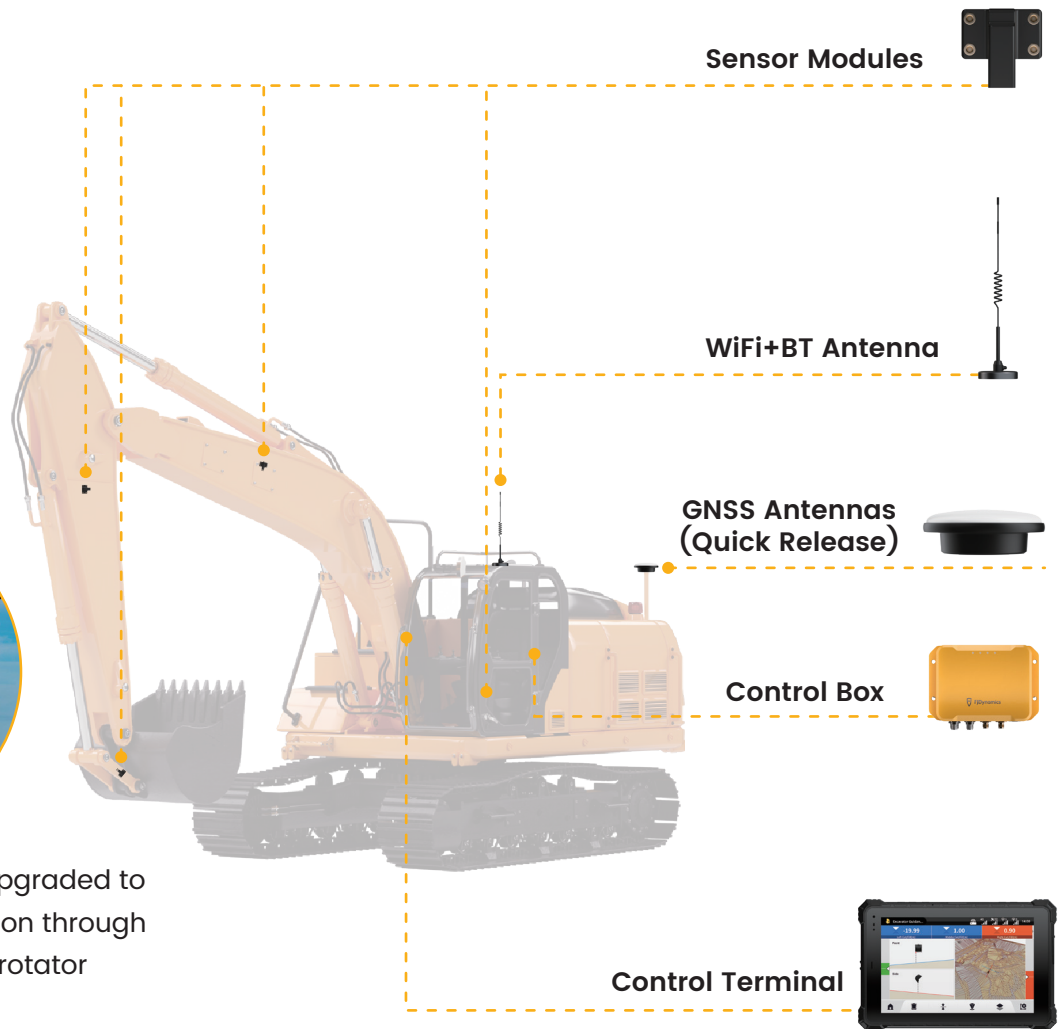
Screen 10.1" LED Touchscreen

Size 284×189×22.5 mm

Memory 8 GB of operating memory, 128 GB of storage memory

CPU octa-core 2.2 GHz

STANDARD VERSION



The system can be upgraded to the professional version through adding tilt bucket/tiltrotator accessory kits.

Free Quote: sales.global@fjdynamics.com

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FJDynamics.com



CREATE FOR A BETTER WORLD

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