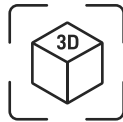# FJDynamics

FJD G31

3D EXCAVATOR GUIDANCE SYSTEM

HIGHER CONSTRUCTION EFFICIENCY WITH REDUCED COST

The GNSS and RTK-based grade control system features a 3D reference model, updates cut & fill workload, and displays excavator and bucket position in real time, so operators of all skill levels can deliver 3cm accuracy with ease.
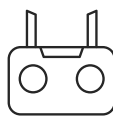
Accuracy ±3cm

3D Visual Guidance

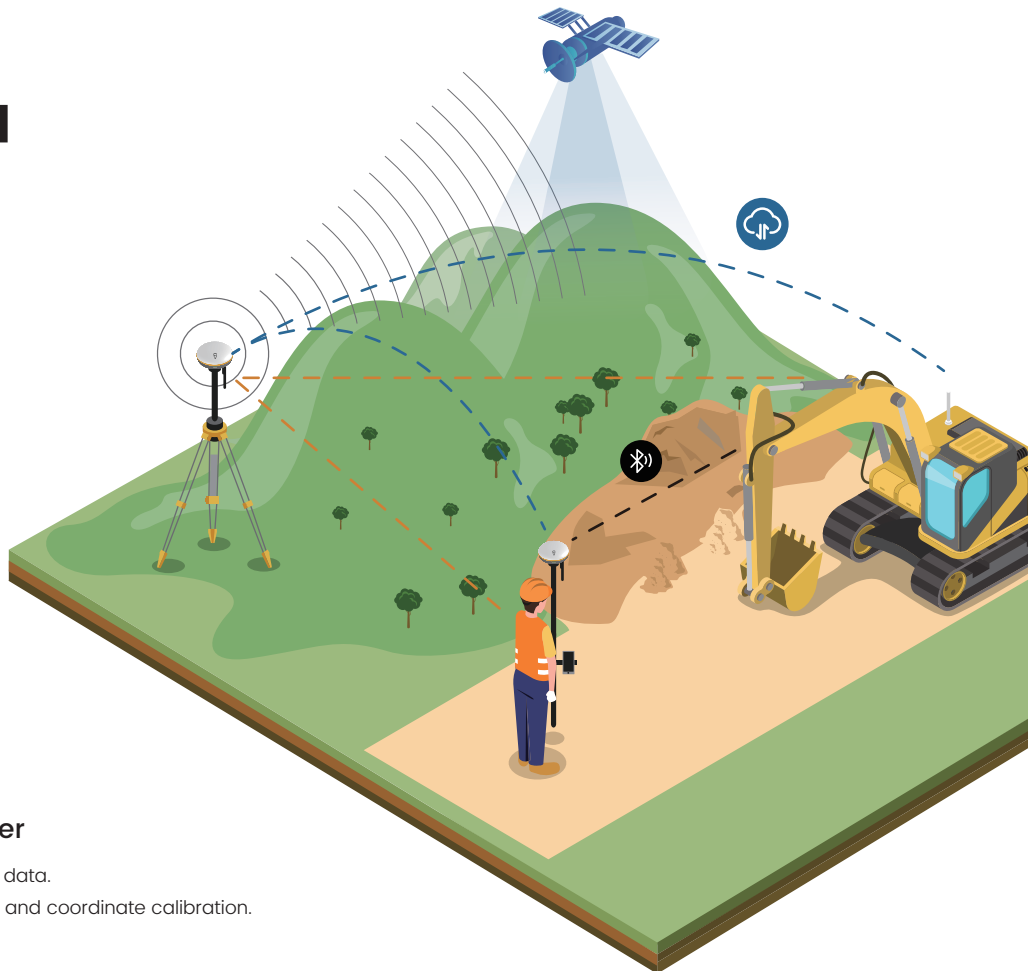**Tilt Bucket Support**

Online Support & OTA

Remote Control /Auto Mode

Network Transmission

DIGITAL CONSTRUCTION SOLUTION

FJD Trion V1 Series GNSS Receiver

· As a base station providing stable differential data.

· As a mobile station for coordinate acquisition and coordinate calibration.

3CM ACCURACY

The sensor module ensures high precision and reliability. GNSS antennas with ultra-strong and stable signal make 3cm accuracy possible.

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.

3D VISUAL GUIDANCE

The 10.1" touch screen displays a 3D reference model in synchronization with your excavator — you know the real-time position of the machine & its bucket without the help of surveyors. Plus, you can figure out how many more hours to go with updates on cut & fill volume.
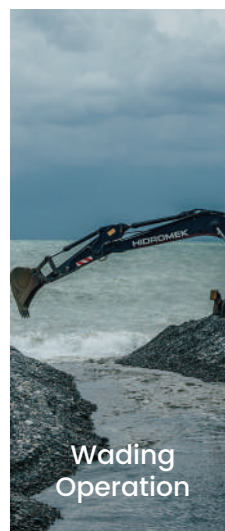

KEY BENEFITS

45% ⬇
Fuel Consumption

150% ⬆
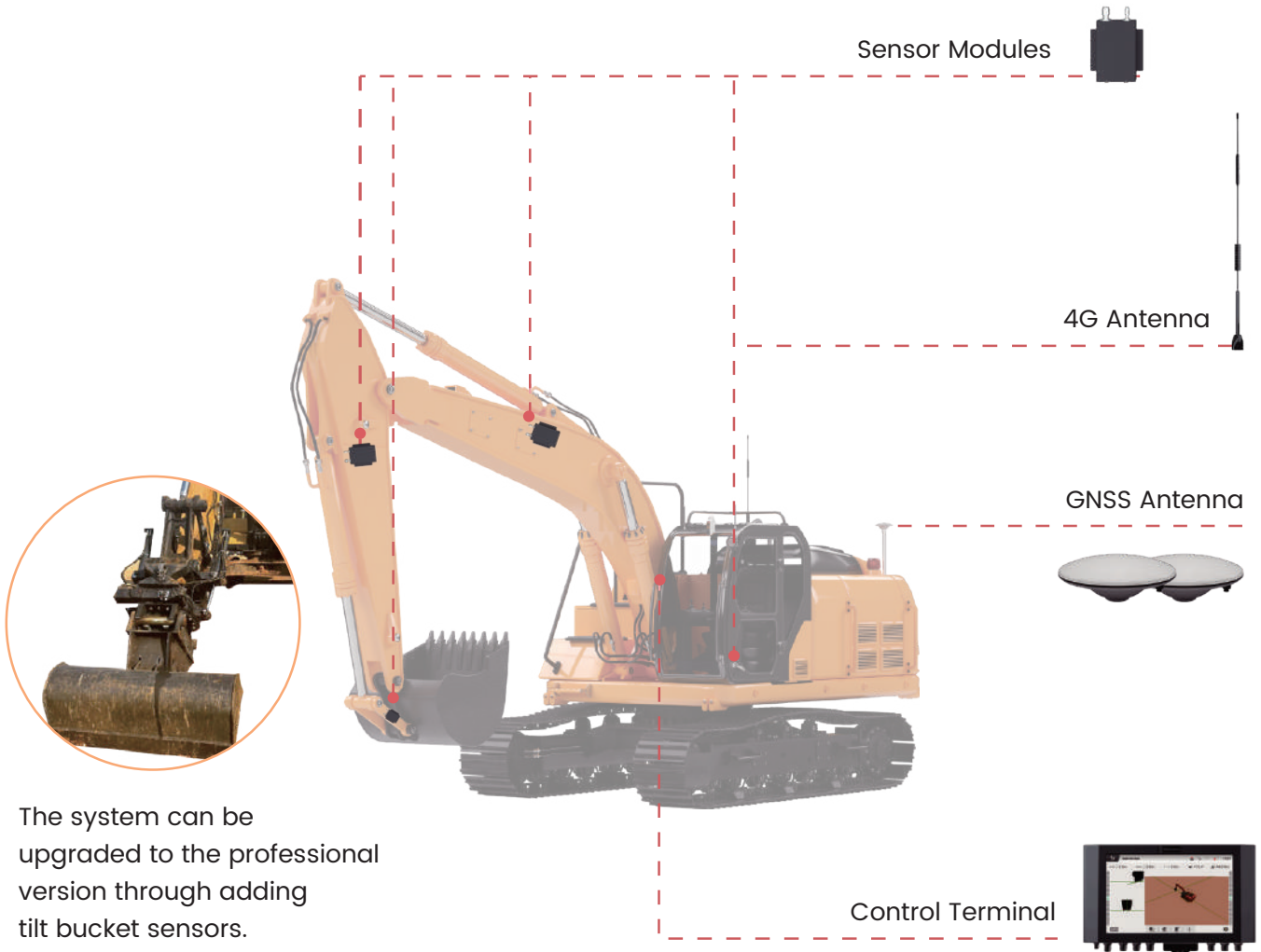Proportion of Measuring Point Accuracy Within 3cm

35% ⬇
Labour Hours

Slope Cutting

Land Leveling

Wading Operation

Deep Excavation

QUICK SPECS

Accuracy	±3.0 cm
Positioning Satellite	Beidou / GLONASS / GALILEO / GPS

Control Terminal

Signals	Radio / 4G
Screen	10.1" LED Touchscreen
Size	300 x 190 x 43 mm

STANDARD VERSION

Sensor Modules

4G Antenna

GNSS Antenna

Control Terminal

The system can be upgraded to the professional version through adding tilt bucket sensors.

Free Quote:sales.global@fjdynamics.com

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FJDynamics.com

CREATE FOR A BETTER WORLD