



FJDynamics

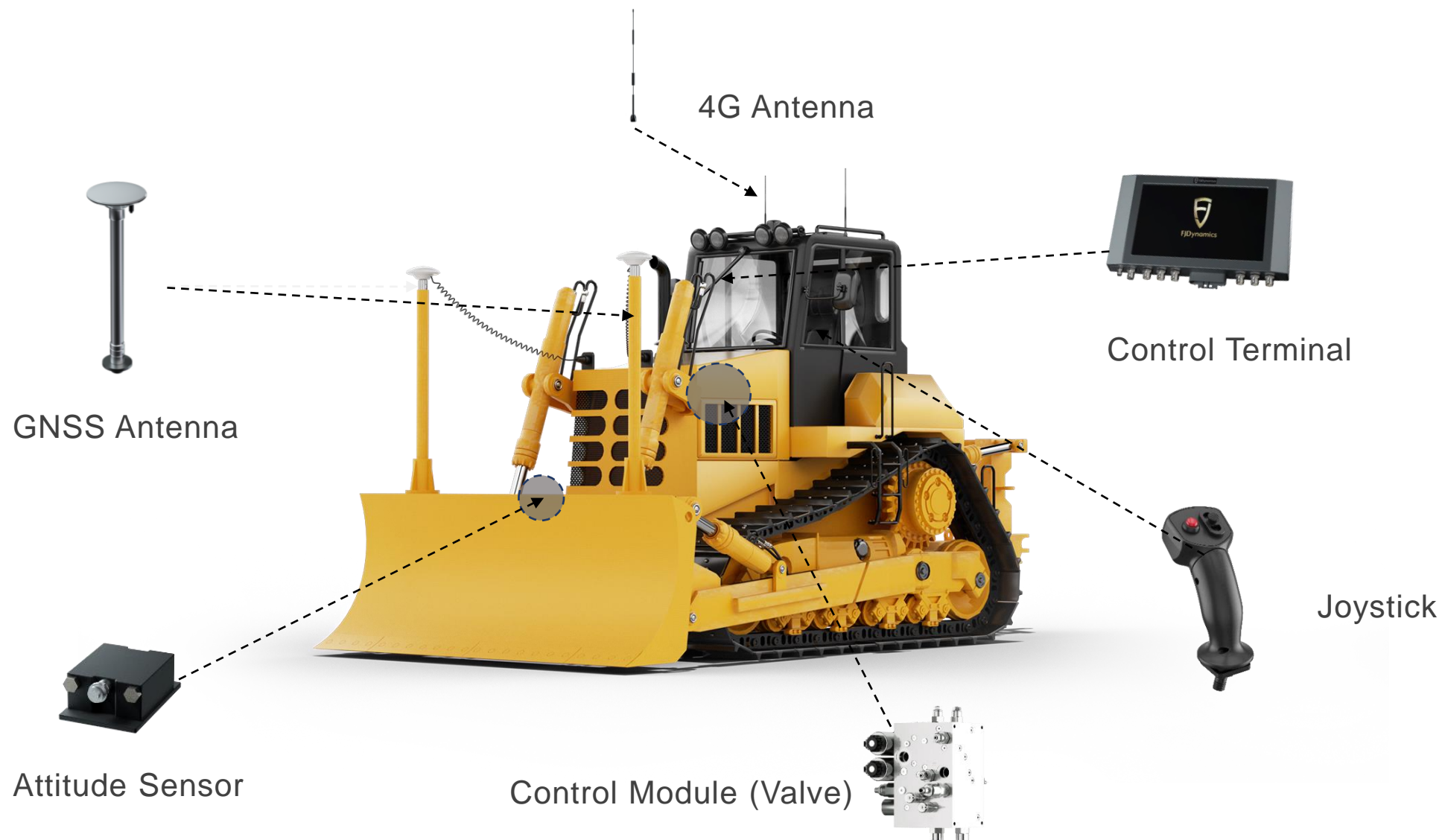


# FJDynamics H39 3D Dozer Control System

**Grade Smarter, Work Faster**

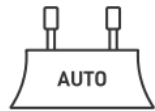


# FJDynamics H39 – Components



## GRADE SMARTER, WORK FASTER

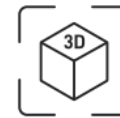
FJD H39, a groundbreaking 3D Dozer Control System optimizing efficiency and precision in leveling operations, advancing construction technology.



Automatic  
Blade Control



Centimeter  
Accuracy



Real-Time  
3D Visual Guidance



Task  
Visualization



Versatile  
Compatibility

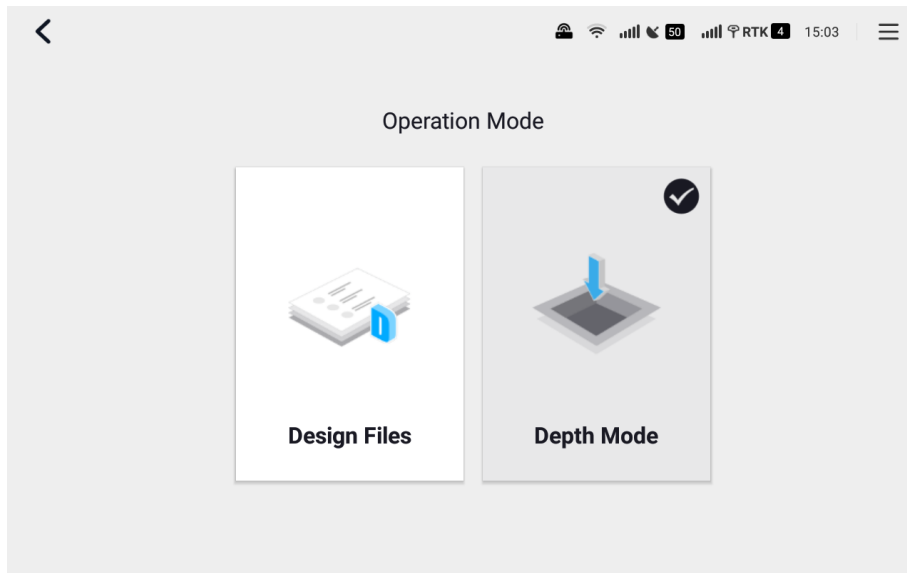


Online  
Support & OTA



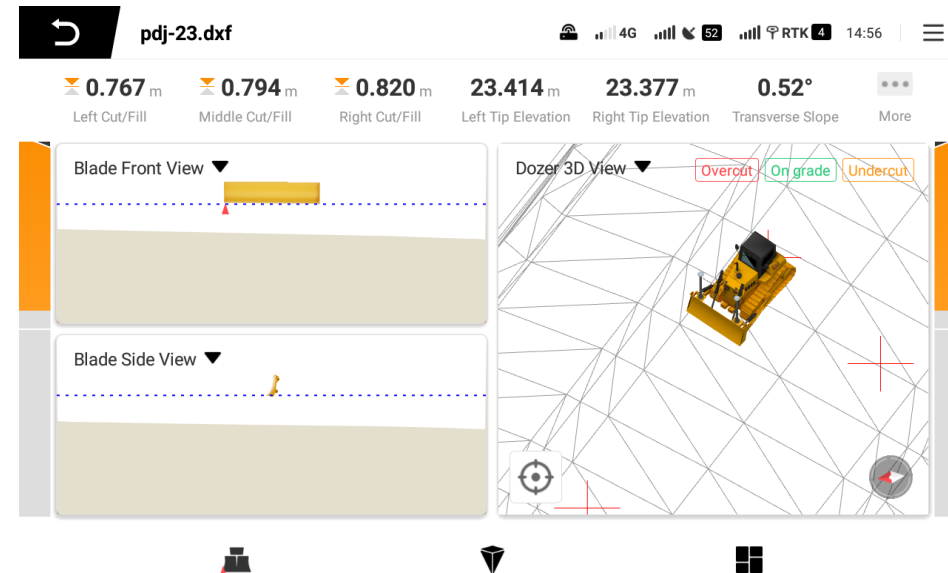
## OPERATION MODES

There are Elevation Mode & Design File Mode for blade control that make your operation easier.



## 3D VISUAL GUIDANCE

Innovative 3D visual guidance technology assists construction through real-time animation. No more repeated measurement and rework required.







## Control Terminal



## Attitude Sensor



## GNSS Antenna

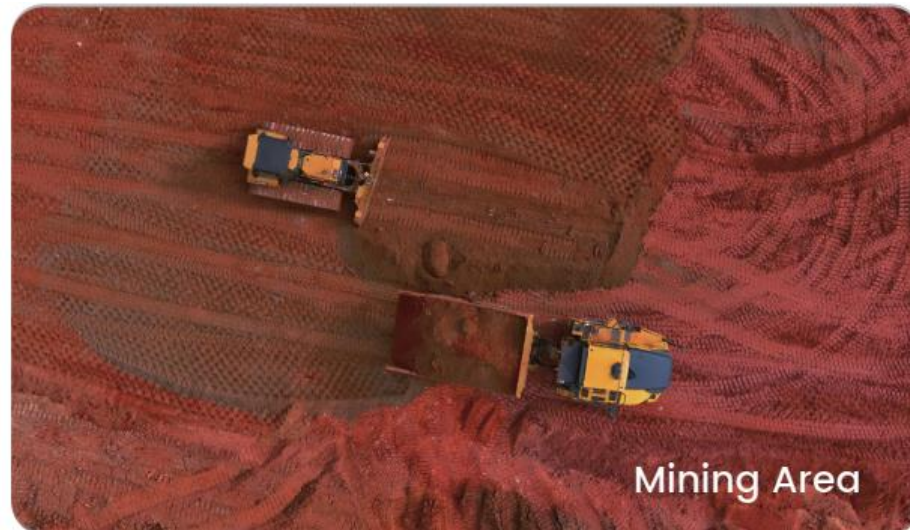
Size	300x190x43 mm
Screen	10.1 LED Touchscreen
Signals	Radio, Positioning Satellite, 4G
Working Temperature	-30°C - +70°C
Waterproof Rate	IP65
Power Supply	9-36 V

Range	Pitch $\pm 70^\circ$ , Roll $\pm 180^\circ$
Max Angular Velocity	$\leq 400^\circ/s$
Working Temperature	-40°C - +85°C
Waterproof Rate	IP67
Power Supply	4.9-32V

Frequency Range	GPS L1/L2, GLONASS L1/L2, BDS B1/B2/B3
Working Voltage	3.3-12 V
Working Temperature	-40°C - +85°C



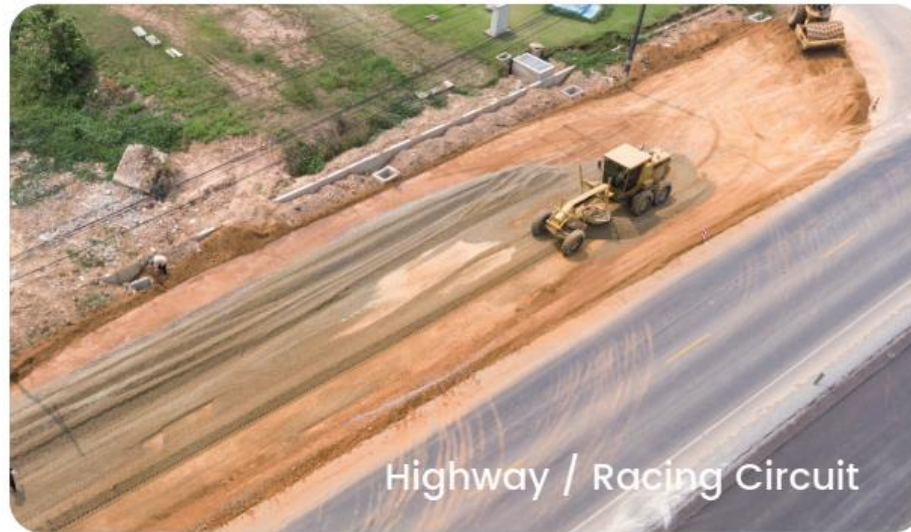
Railway Track Bed



Mining Area



Airport / Port



Highway / Racing Circuit

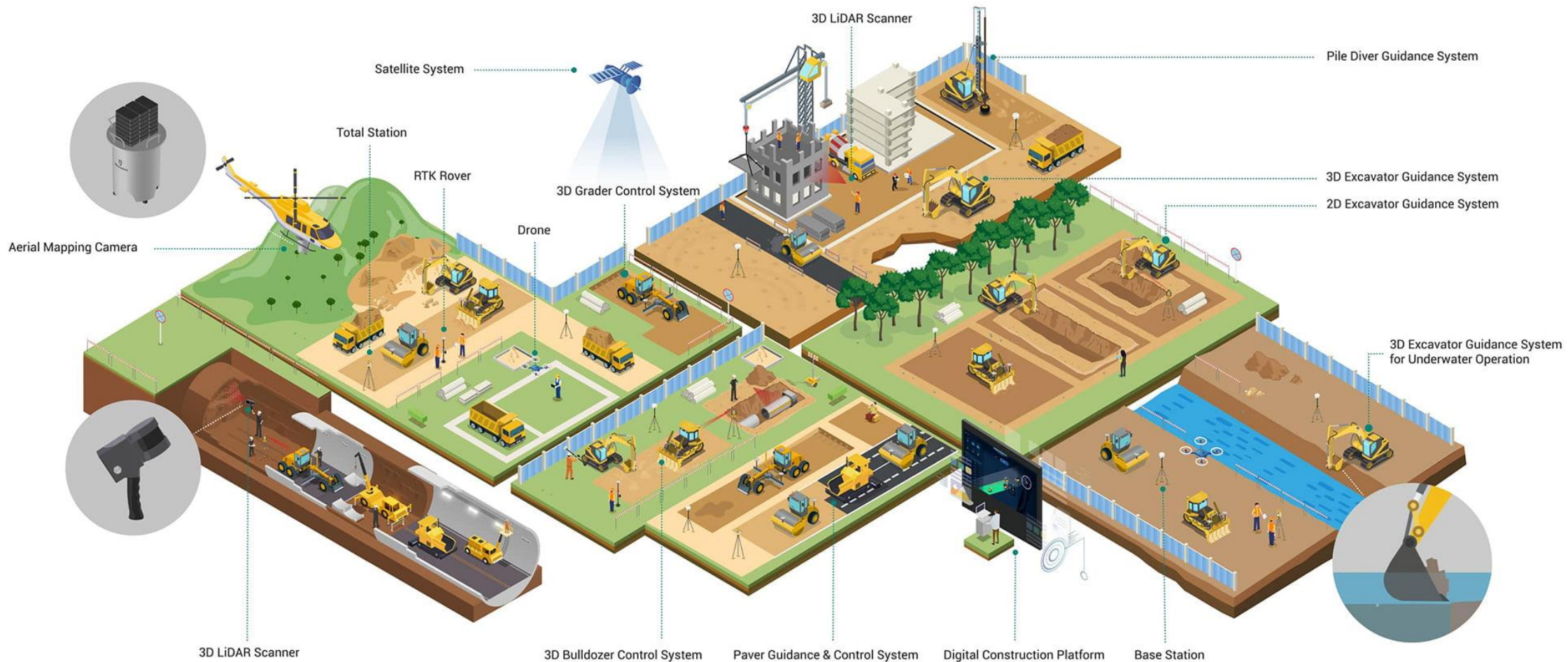


# FJDynamics H39 – User Case



# Open Solutions for Digital Construction

FJDynamics machine control system covers a series of construction machineries, such as excavators, motor graders, bulldozers, etc. And combines the geospatial industry to provide professional solutions for various business scenarios.







# FJDynamics Geospatial & Digital Construction Solution

Official website: <https://www.fjdynamics.com>