



# N200

## GNSS Land Leveling System

NST® N200™ GNSS Land Leveling System continues the strong performance of NST precision Agriculture products. Powered by advanced RTK satellite technology, it ensures efficient water use, reduces fuel costs, and boosts crop yields. Easy to operate and compatible with modern machinery, it's the ultimate solution for precision agriculture. Elevate your farming game with reliability, sustainability, and unmatched performance!

### UNMATCHED PRECISION

With an accuracy of  $\pm 2\text{cm}$ , the system ensures an exceptionally level surface, which is critical for optimizing irrigation, seedbed preparation, and crop growth.

### EASY INSTALLATION

Designed for seamless operation and superior visualization. With its intuitive interface and high-resolution display, users can easily monitor and control leveling operations in real-time. The compact yet robust design ensures durability in the field, while its user-friendly features make it accessible for operators of all skill levels.

### MULTIPLE LEVELING OPTIONS

Provide sophisticated design configurations, such as flat terrain, single-gradient slopes, and dual-gradient slopes, enabling you to select the optimal land leveling strategy tailored to the specific topography.

### INTUITIVE 10.1" TOUCHSCREEN CONTROL TERMINAL

The Tablet features a high-definition 10.1-inch display that clearly presents cut and fill mapping, enabling operators to quickly and easily identify elevation variations. Designed to withstand tough conditions, the durable screen offers both reliability and an intuitive interface for seamless operation.

### BUILT-IN GNSS RTK

The system supports multi-constellation positioning technology, including GPS, GLONASS, BEIDOU, GALILEO, and QZSS, ensuring comprehensive coverage and enhanced positioning accuracy across diverse regions and challenging environments.

### Features

- Compatible with Different Scrapers
- Free Permanent Software Upgrades
- High Level of Waterproof and Dustproof (IP65)
- Land Survey Measure area & length
- Single / Dual Slope leveling Flat leveling
- Real-time Height difference
- Calculate earthwork volume
- One-key Set Benchmark
- Adjustable Control Precision
- 3D terrain map
- Real-time Highlight trajectory



# N200 GNSS Land Leveling System

System	
System	Android 6.0
Processor	4 cores
Storage	16G ROM
Main frequency	1.2GHz
Onboard	2G RAM

Accuracy	
Work accuracy	±2cm
RTK(RMS)	H 1cm+1ppm,V 1.5cm+1ppm

Network	
2.4GHz	BLE 4G/LTE
IEEE 802.11 b/g/n	Built-in speaker
BT 4.0	TNC female (GNSS)
WiFi	

GNSS	
BDS B1I/B2I/B3I	Galileo E1/ E5a/E5b
GPS L1/L2/L5	QZSS L1/L2/L5
GLONASS G1/G2	

Physical Parameters	
Tablet weight	1.2kg
Screen size	10.1 inch
Tablet size	180mm*120mm*60mm
Operating temperature	-20 C ~ +60 C
Storage temperature	-30 C ~ +70 C
Tablet protection level	IP65
Power supply voltage	DC 12V
Power consumption	≤12.0W

Data Transfre	
Data Format	NMEA-0183
Baud rate	9600/38400/115200
Radio protocol	TRIMATLK TRANSEOT
Refresh rate	1-10Hz optional
Frequency Range	410MHz-470MHz
TRIMMARK III	
Differential format	RTCM3.2

Interface	
Physical Interface	Standard industrial grade waterproof connector
I/O Interface	USB2.0*1 DCIN*1 Audio output*1

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