



PRECISE A pro
Enjoy a
PRECISE,
RELIABLE,
and EASY
experience!

AUTO STEER SYSTEM

Super-high Fix Rate

99.9%

MATRIX
Enhanced by
the MATRIX ALGORITHM

All You Need for Surveying, All in One.

Think **PRECISE!**

WWW.PRECISE-GEO.COM

SALES@precise-geo.com

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PRECISE A PRO

AUTO STEER SYSTEM

PRECISE A Pro Auto Steer System delivers 2.5 cm pass-to-pass accuracy using advanced GNSS + RTK, ensuring precise work on any terrain. It supports a wide range of tractors and implements, helping you minimize skips and overlaps, reduce input costs, operate efficiently even at night, and work comfortably without constantly turning your head.



±2.5cm
Accuracy



Terrain
Compensation



30-min
Installation



0.1-26 km/h



ISOBUS



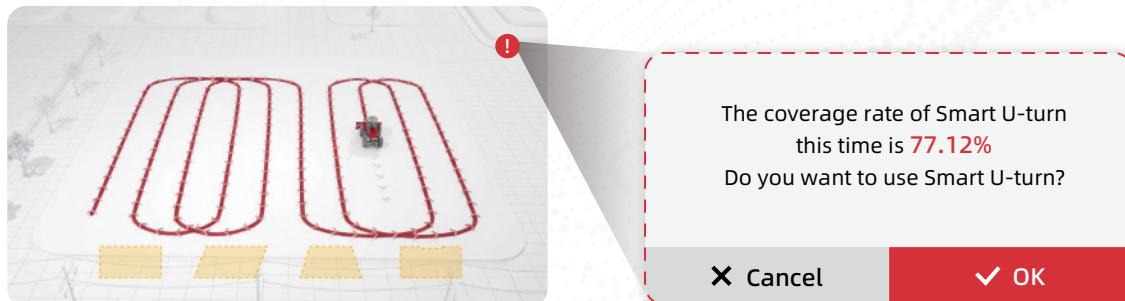
Smart U-turn



30% Shorter Turns, 100% Automatic

Smart U-turn

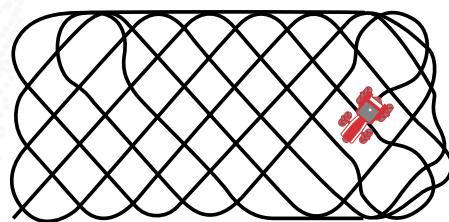
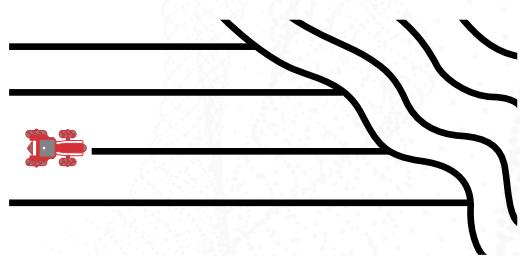
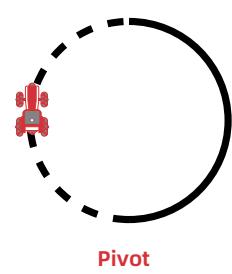
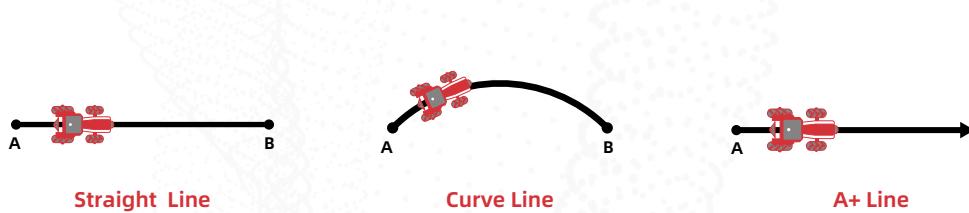
Smart U-turn: Fully automated path planning and steering that reduces turn distance by 30% to maximize field operation efficiency.



Basic U-turn



Adaptive Path Planning For Every Scenario



Line Group

Diagonal Harrowing

ISOBUS

Standardized Connectivity, Precision Control, Cost Efficiency.

The ISOBUS Section Control (SC) function divides wide implements into independently controlled sections. It saves 5-15% of inputs (seed, fertilizer, pesticide) by eliminating overlap and misses, cuts costs, improves application quality, and reduces operator workload through fully automated control.



The ISOBUS Virtual Terminal (VT) acts as a universal in-cab control center. A single screen dynamically generates dedicated interfaces for all compatible implements, replacing dedicated control boxes. It simplifies operation, reduces costs, and provides a unified entry point for precision farming tasks, enhancing overall system integration and efficiency.





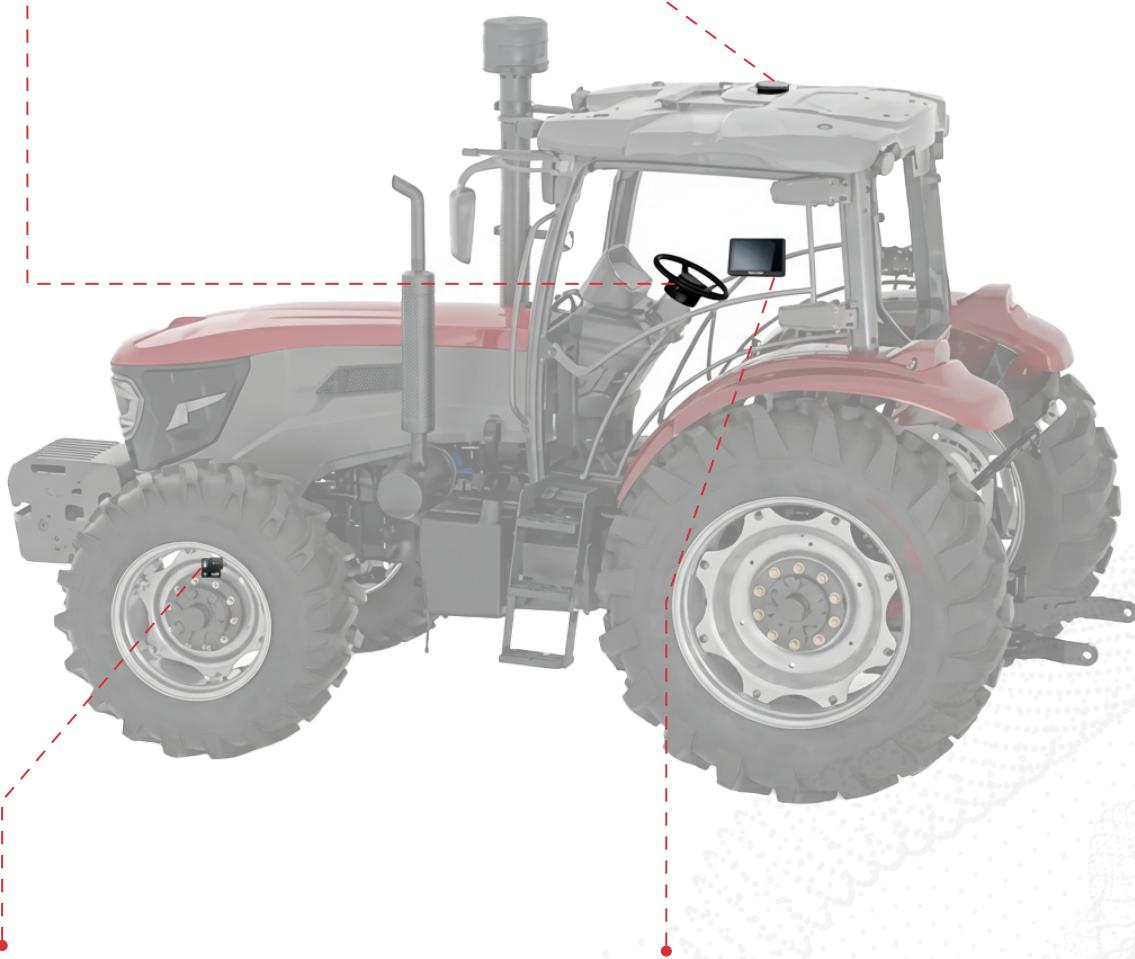
Electric steering wheel

Diameter	380 mm
Supply voltage	12 V or 24 V
IP rating	IP65



GNSS receiver

Size	177×170×63 mm
Frequency band	GPS L1/L2; GLONASS L1/L2; BDS B1I/B2I; Galileo E1/E5b
IMU accelerometer accuracy	0.5 mg
IMU gyroscope accuracy	0.1°/s
Roll/pitch	0.2°
Operating temperature	-20°C to 70°C
IP rating	IP66



Angle sensor

Supply voltage	5 V
Output frequency	max. 200 Hz
Resolution	<0.1°
Operating temperature	-20°C to 85°C
IP rating	IP67



Control terminal

Size	275×180×54 mm
Basic configuration	10.1-inch capacitive touch screen, 4G RAM, 8G ROM
Operating temperature	-20°C to 70°C
IP rating	IP65



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