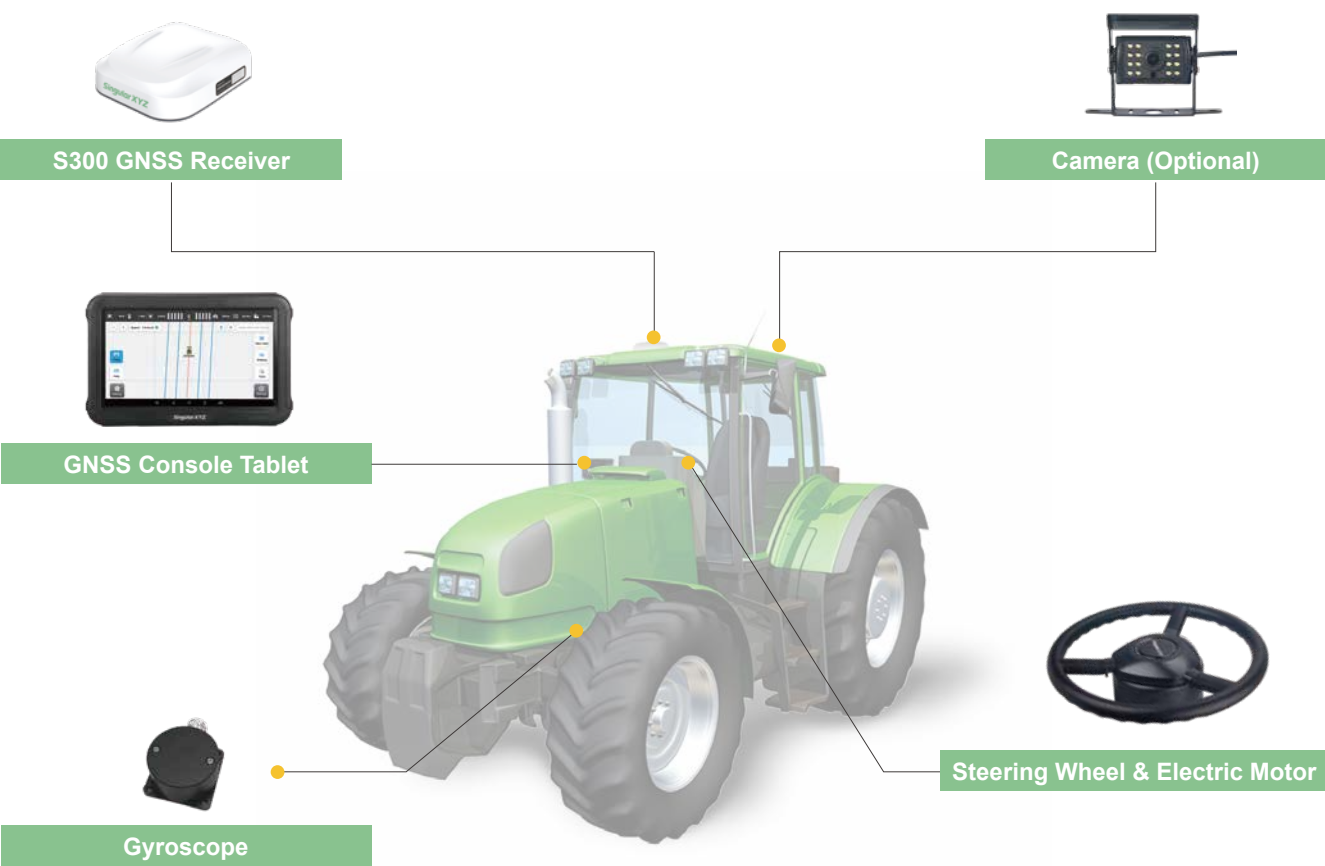




SYSTEM PERFORMANCE

Pass-to-pass Accuracy	±2.5 cm
Input Voltage Range	9-32V
Operating Temperature	-20 C ~ 70 C
Storage Temperature	-40 C ~ 85 C
Waterproof & Dustproof	IP55

S300 GNSS RECEIVER

Signal Tracking	- BDS: B1I, B2I, B3I - GPS: L1C/A, L2P (Y)/L2C, L5 - GLONASS: G1, G2 - Galileo: E1, E5a, E5b - QZSS: L1, L2, L5
Communication	- 4G: Support - Radio: 410-470 MHz - 12-pin multifunction interface
RTK Accuracy	8mm+1ppm Horizontally 15mm+1ppm Vertically
Positioning Frequency	20 Hz

CONSOLE TABLET

Screen	10.1 inches multi-touch capacitive LCD screen
Resolution	1024 × 600 pixel
Brightness	750 nits
Operating System	Android
Storage	2G RAM + 16G ROM
Communication	Wi-Fi, Bluetooth, 4G, USB

ELECTRIC MOTOR

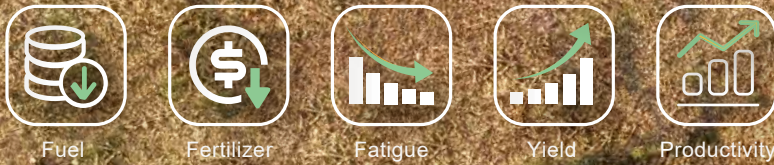
Torque	- Rated: 7 N*M - Peak: 13 N*M
Protocol	- Speed mode: CAN, RS232 - Position mode: CAN
Dimension	Φ170 mm * 76 mm

All specifications are subject to change without notice.
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SAGRO180

AUTOMATED STEERING SYSTEM
FOR PRECISION AGRICULTURE

Smart Auto-Steering, Minimal Setup, Maximum Efficiency



The SAgro180 auto-steering system makes precision farming simpler than ever. With just three main components — a console tablet, motor steering wheel, and GNSS smart antenna — it delivers quick installation, stable performance, and ± 2.5 cm accuracy. With SAgro180, farmers can focus on farming, while the system handles the steering — bringing comfort, efficiency and precision to every pass in the field.



SAGRO180 AUTOSTEER SYSTEM





FREE YOUR HANDS

With SAgro180 auto-steering system, farmers can free their hands from driving, improving efficiency while reducing fatigue.



DAY/NIGHT MODE

The day and night mode can be switched freely, making it easy to realize all-weather work during busy farming hours.



USER-FRIENDLY OPERATION

10.1" large touch screen, clear & intuitive software, one click to turn on/off auto-steering, farmers can operate with ease.



24/7 ONLINE SUPPORT

In order to help users get started easier with SAgro180, SingularXYZ team provides 24/7 online support service.



HIGH COMPATIBILITY

SAgro180 provides various spline sleeves compatible with mainstream tractors. 4G/UHF modes can also adapt to different network conditions in different regions.



ABUNDANT WORK MODES

To suit different farm shapes, terrains and tasks, SAgro180 supports straight line, curve, U-turn, diagonal line and other work.



SMART MANAGEMENT

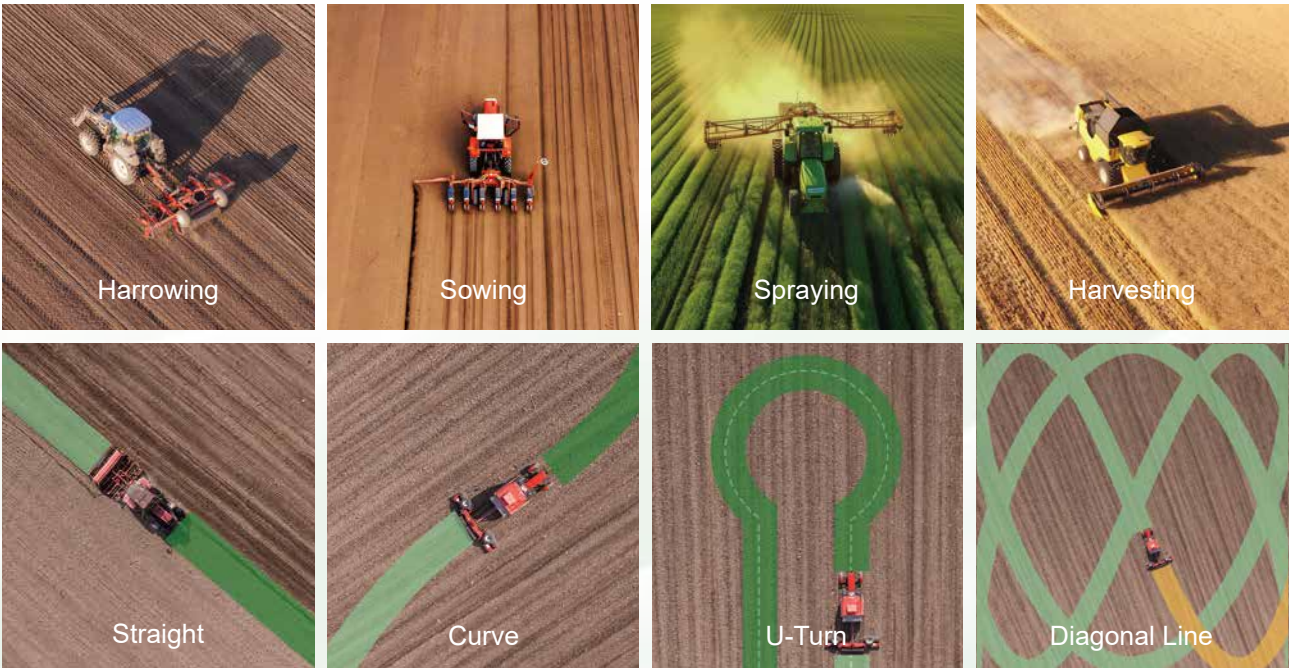
Farms & plots management, real-time work records of SAgro180 makes your farming clearer and less human errors.



MULTIPLE TASK TYPES

From harrowing to sowing, spraying & harvesting, farmers can set different implement types in SAgro180 to meet their farming needs throughout the year.

HIGH-COMPATIBILITY - ANY TRACTORS, ANY IMPLEMENTS, ANY TASKS



RELATED AGRICULTURAL SOLUTIONS

Smart Base Solution

- Historical Base Record
- One-Click Startup



S20 CORS Solution

- Cost-Effective & Easy Setup
- Complete Hardware & Software Solution



Farm Features Surveying Solution

Centimeter-level surveying of farm boundaries, AB guidance lines, ditches and other features. Save costs and contribute to your smart farming capabilities like route planning and management.

