

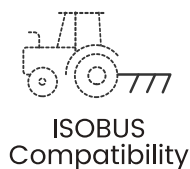
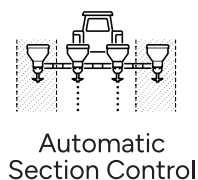
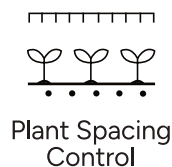


FJD APS-P

PRECISION PLANTING CONTROL KIT

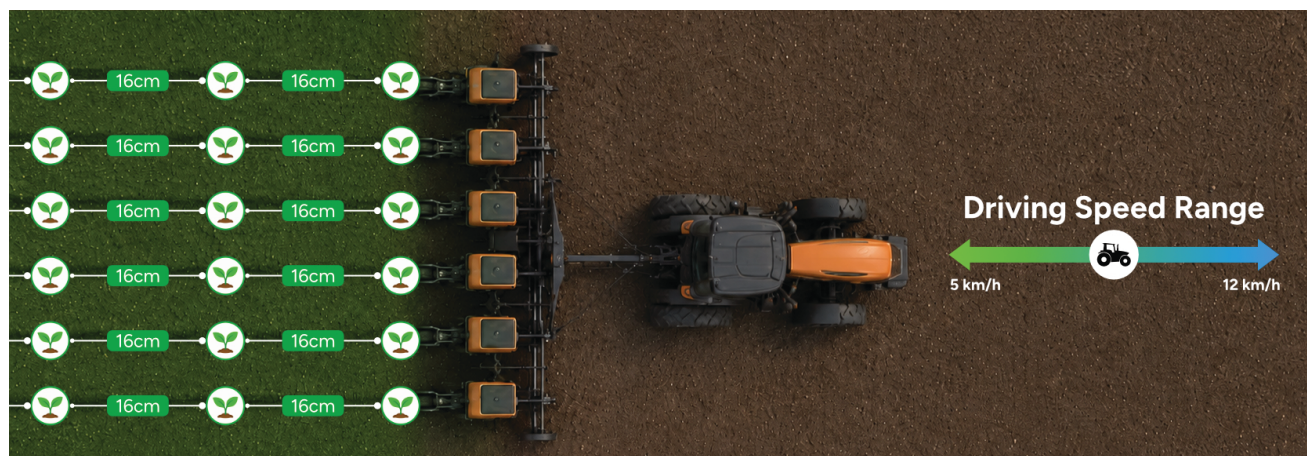
PERFECT SPACING. HIGHER RETURN.

FJD APS-P is a high-precision electric planting system for row crops, compliant with ISOBUS standards. It controls row motors independently with high-precision positioning to ensure accurate spacing at 8–12 km/h. With automatic section control and FJD auto-steering integration, it reduces overlaps and skips, helping optimize seed usage and lower input costs.



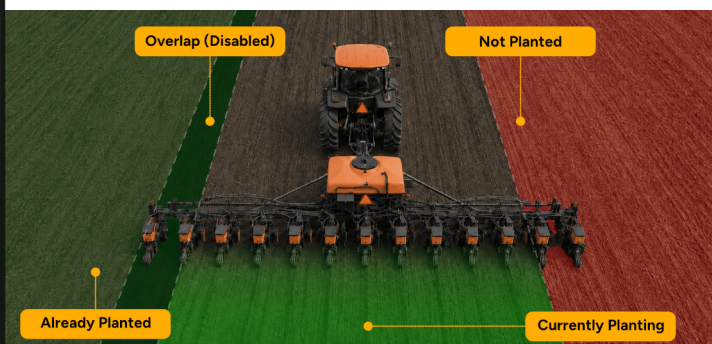
Plant Spacing Control

By replacing traditional ground-wheel transmission with intelligent motor control, the system provides real-time speed compensation to maintain excellent plant spacing consistency at 8–12 km/h, with $\pm 2\%$ accuracy. It helps ensure precision planting, reduce manual adjustment, and improve overall field efficiency.



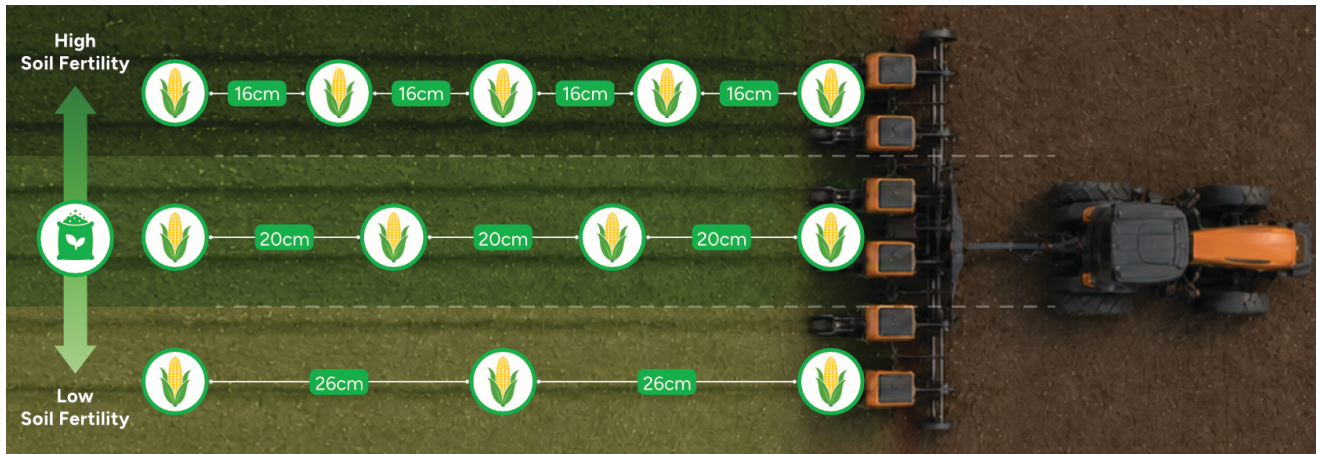
Automatic Section Control

The system intelligently detects planted areas, field boundaries, and headlands, automatically switching seeding rows on and off to eliminate overlaps and skips. It also recognizes implement lift status for automatic start and stop—planting begins when lowered and stops when raised. This prevents overplanting, missed areas, and unnecessary seed waste.



Independent Multi-Section Rate Control

Control the seeding rate of each planter section independently. Increase seed rates in high-potential areas, reduce them in low-yield zones, and easily adapt to different field conditions or row layouts. This ensures the right amount of seed is placed where it matters most — improving seed efficiency and planting precision.

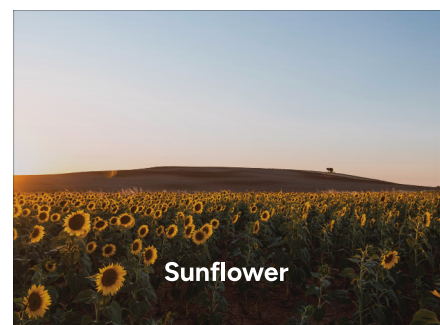


Quick Crop Presets

Built-in crop-specific parameter presets for multiple crops (ex. corn and soybean), enabling operators to quickly select optimized planting settings for different crop types. Supports second-level preset switching during cross-crop operations, eliminating tedious manual parameter input, reducing setup time.



Planting Scenarios



QUICK SPECS



200W Motor

Rated Input Power	200 W
Rated Output Speed	100 r/min
IP Rating	IP65
Rated Voltage	12 VDC



60W Motor

Rated Input Power	60 W
Rated Output Speed	100 r/min
IP Rating	IP65
Rated Voltage	12 VDC



Seed Monitoring Sensor

Operating Voltage	9–16V DC, 12V nominal
Operating Current	≤ 100 mA
Detection Method	Infrared optical detection
Response Time	<50 ms
Output Interface	Pulse signal
Operating Temperature	–20°C to 70°C



Controller

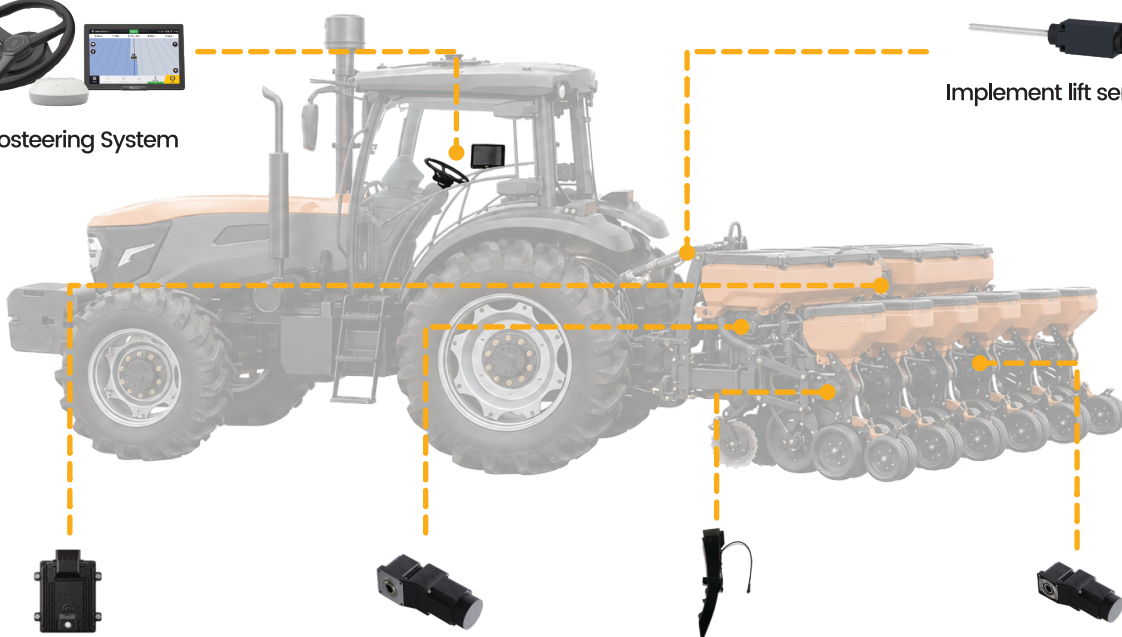
Rated Voltage	9–36V
12 V Power Output	3A
Digital Inputs	4×high/lowlevel inputs (active-high/active-low)
Frequency Inputs	4 × 0–10 kHz
Communication Protocol	CAN
IP Rating	IP67



Autosteering System



Implement lift sensor



Controller

200W Motor

Seed Monitoring Sensor

60W Motor

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CREATE FOR A BETTER WORLD

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