

iSpray S150

Spraying Control System



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Drop to the Point

The Hi-Target iSpray Spraying System helps you spray with greater accuracy while using less chemicals—no matter what kind of sprayer you have. It works seamlessly with self-propelled, trailed, and mounted sprayers. iSpray ensures the right amount is applied exactly where it's needed. No more waste. No more missed spots. By combining intelligent spray control with GNSS-guided auto-steering in one fully integrated system, iSpray makes every pass smarter, simpler, and more consistent—right from the start.



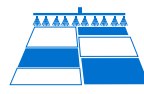
Variable
Spraying



Smart Section
Control



±3% Spraying
Accuracy



Digital
Spray Logs



Auto/Manual
Mode Switching



Auto-Steering

Sprayer Controller



Integrated Valve



Control Terminal



GNSS Receiver



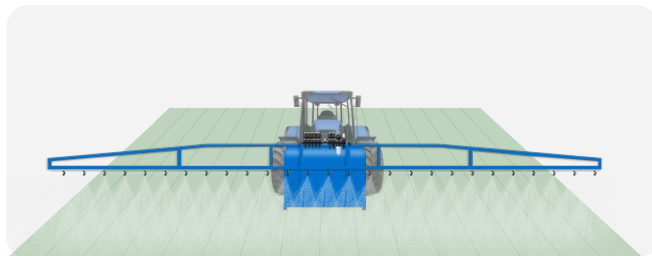
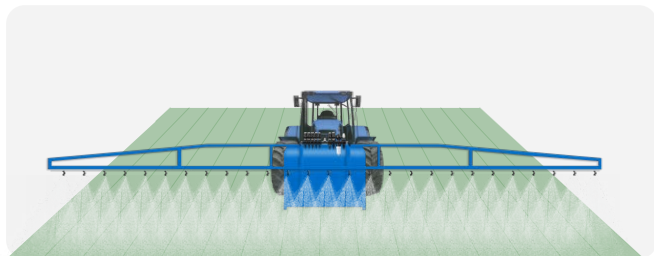
Electric Steering Wheel



Automatic Variable Rate Spraying

Sprays the right amount—no matter your speed.

The system automatically adjusts spray output based on your driving speed. Whether speeding up on straight rows or slowing down at the turn, you'll get even, accurate coverage with no skips and no overlaps.

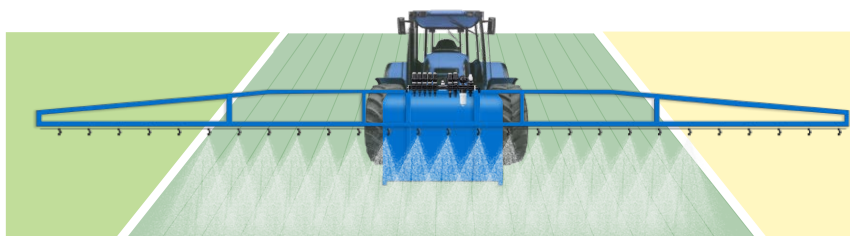


Multi-Section Control with One-Touch Activation

Open or shut all nozzles instantly.

The system enables precise individual boom section control, automatically detecting and managing each section to ensure every drop is applied exactly where it's needed. Easily switch between sections or activate the entire boom with a single touch.

 Sprayed Area  Spraying Area  No Spray Area



±3% Spray Accuracy

More consistent coverage.

Advanced flow control ensures your spray rate stays within ±3% accuracy—even in dynamic field conditions.



Fully Integrated with Hi-Target Auto-Steering

One system. One screen. Zero hassle.



No need for separate devices. Hi-Target integrates spraying control and GNSS auto-steering into a single tablet interface. Easy to learn. Fast to operate. Less clutter in the cab.

Specifications

Spraying System

Operating Voltage	12V
Operating Pressure Range	0–2 MPa
Flow Meter Control Range	0–200 L/min
Spray Volume per Hectare (Adjustable Range)	50–2000 L/ha
Number of Sections	5

Tablet

Display	10.1-inch touch screen
Dimensions (W × H × D)	281 mm x 181 mm x 42 mm
IP Rating	IP65
System	Android 11.0
CPU	Quad-Core, 1.2 GHz

Receiver

Channels	1408
Satellite Bands	BDS: B1I, B2I, B3I
	GPS: L1C/A, L2P(Y), L2C, L5
	Galileo: E1, E5a, E5b, E6
	GLONASS: L1, L2
	QZSS: L1C/A, L2C, L5
	SBAS: L1C/A
	L-Band

Motor

Torque	7 N.m
Wheel Diameter	420 mm
Motor Height	76 mm



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