

# SpreadSmart MAX™

CAN-Bus Powered Spreader Control System

**Certified Power**  
SOLUTIONS®

## **Total control. Real-time visibility. Smarter snow & ice fleet operations.**

SpreadSmart MAX is your all-in-one command center for snow and ice operations — designed to make every truck in your fleet smarter, safer, and easier to manage. From precise plowing and material application to live diagnostics and system health monitoring, SpreadSmart MAX puts actionable data and control in your hands.

With a single, intuitive touchscreen HMI, you can simplify installation, streamline wiring, and troubleshoot faster — without extra hardware or complexity.

## **More features, more control**

SpreadSmart MAX combines core spreader controls, live diagnostics, and joystick integration into a single, flexible system.

### **Display Features**

- 8" and 10" color LCD touchscreen
- USB firmware updates
- Configurable I/O
- Customizable user interface
- CAN-bus cables for seamless system integration

### **Operator Panel**

- Speed sensor input
- 8 digital switch inputs (PNP)
- Road/air temperature input
- 2 additional digital outputs

### **Joystick Options**

- Uni-Grip 4, 6, or 8 button option
- Multi-Stix 2, 3, or 4 joystick option

### **I/O Node**

- 16 high-side driver outputs (PWM capable)
- 1 analog input (4–20mA, 100 Ohm)
- 8 analog or digital switch inputs (PNP or NPN)
- 4 feedback sensor inputs
- Current monitoring on each channel for short and open circuit conditions
- Built-in safeguards to automatically disable output bank if current is detected when it shouldn't be
- Monitors CAN-bus and sensor input current draw, with user feedback triggered when thresholds are exceeded



SpreadSmart MAX  
Plow & Spreader Control



New Output Module

## Track your trucks for every variable

Know what's happening in every truck — at every moment. SpreadSmart MAX connects spreader activity and vehicle performance to real-time data, helping you reduce downtime, stay compliant, and make faster decisions.

- ✓ **Live visibility:** Monitor plow position, spinner speed, material usage, and gate settings in real time.
- ✓ **Built-in diagnostics:** Get alerts and status updates to prevent issues before they disrupt your operations.
- ✓ **Less waste, better control:** Adjust application rates with precision and document usage to support compliance.
- ✓ **Driver safety focused:** Streamlined controls reduce distractions so operators can focus on the road.
- ✓ **Fleet-wide insight:** Connects to your AVL system or outputs directly to modem for reporting and optimization.

## Ready to take back total control over your snow and ice removal operations?

Learn more about how SpreadSmart MAX, as part of the larger FleetPilot system, helps you and your drivers control every variable of your operations.



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