

F E A T U R E S

The SSC5100 is a microprocessor based spreader control used for accurately applying up to four identifiable materials, pre-wetting and anti-icing liquids. The SSC5100 can be used in closed-loop, open-loop or manual spreading operations.

- **Menu driven operation and calibration**
-On-screen menus for simple ease of operation and calibration
- **Protected spreader calibration access**
-User selectable passwords or supervisor access keys provide protection from unauthorized access to calibration information
- **Driver identification with material logging**
-Categorizes individual driver activities along with material used, distance traveled, and time for each driver key
- **User definable menus and functions**
- **On-screen text readouts and audible diagnostics**
-Visual readout with distinct audible fault codes offer quick simplified troubleshooting
- **Serial data communication**
- **Three-lane direct liquid application capability**
-Control Material application to multiple lanes with high/low boom applications
- **Road temperature compensation**
- **Dual spinner capabilities**
-Integrated control of dual spinner outputs and auger reversing allow greater flexibility of spreader operations
- **Spinner lane compensation**



Electrical Specifications

- Operating temperature range.....-40° to +185°F
- Operating voltage.....10.0-18.0 VDC
- Operating current.....0.75A max with all outputs driven
.....10A max with all outputs driven
- Protection.....Over-voltage, under-voltage, over-current
- Valve drive frequency.....50, 60, 100,150,200, 250
- Proportional valve drive outputs.....5
- Auxiliary valve drive outputs.....1
- Maximum valve drive current.....2.0A
- Frequency inputs.....4
- Remote inputs.....5

SSC5100 Ground-Based Closed-Loop Spreader Controls

Additional Features

- **Closed-loop spinner**
Accurately control closed-loop spinner of precision placement spreading systems
- **Closed-loop pre-wetting**
Precisely applies pre-wet liquid to granular and accurately logs liquid use
- **Integrated spinner/blast dials**
A FORCE America innovation that provides simultaneous spinner adjustment while blast is activated
- **Fluorescent dot matrix display**
High visibility in both day and night conditions
- **High-speed Can Bus communication**
Easily add advanced spreader features or spreader system expansion
- **Large 512k memory with an Intel 386 processor**
Ample storage space and processor power for logging events and accommodating future enhancements
- **Field replaceable lithium battery**
Provides up to 5 years of memory and time of day clock operation
- **Ground speed jumpstart on value**
Programmable startup assures proper material application at low speeds

Optional Information Management

FORCE America's SSC5100 optional data collection systems are a complete event logging and storage system used for recording all spreader actions based on temperature, date, time, and location information. The information is stored and transferred to a database system either through active wireless or passive memory storage allowing for automated report generation.



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