

F E A T U R E S

The Ground-Based Spreader control series uses vehicle ground speed to maintain spread rates based on the vehicle speed. The pulse width modulated outputs are compatible with most hydraulic spreader control valves and capable of independently controlling both auger and spinner outputs. For use in light, medium, and heavy-duty spreader applications.

- **Ground speed input**
-Maintains constant application rate based on vehicle speed
- **Auto/manual switch**
-Easily choose between manual and ground-based spreading applications
- **Detented control dials**
-Creates repeatable precise control of spreader and spinner settings
- **Integrated spinner/blast dials**
-A FORCE America innovation that provides simultaneous spinner adjustment while blast is activated
- **Adjustable blast mode**
-A momentary or timed preference can be tailored from 0-15 seconds for the individual operator
- **Current compensated valve drive outputs**
- **Selectable valve drive frequency**
- **Operate spreader standby and blast functions through front panel or optional remote switches**
- **Manual reset circuit breakers**
-Easily reset breakers and avoid replacing fuses
- **Reverse polarity and over-voltage protection**
- **Color-coded wiring**
-Simplifies installation and provides quick troubleshooting



SSC2100 Electrical Specifications

- Operating temperature range.....-40° to +185°F
- Operating Voltage..... 10.0-18.0 VDC
- Operating current.....0.12A max standby
.....5A max with all outputs driven
- Protection....Over-voltage, over-current, reverse polarity
- Valve output type.....PWM
- Valve drive frequency.....50 or 125 Hz
- Proportional valve drive outputs.....(2)
- Maximum valve drive current.....2.0A
- Backlight input current.....0.44A max
- Ground speed input.....
Electrical.....150mV RMS @ 10 Hz
Mechanical.....4.5 – 15.0V @ 1 KHz max

Controls

Ground-Based Spreader Controls



SSC2150 Electrical Specifications

- Operating temperature range.....-40° to +185°F
- Operating Voltage.....10.0-18.0 VDC
- Operating current.....0.12A max standby
.....5A max with all outputs driven
- Protection....Over-voltage, over-current, reverse polarity
- Valve output type.....PWM
- Valve drive frequency.....50 or 125 Hz
- Proportional valve drive outputs.....(2)
- Maximum valve drive current.....2.0A
- Auxiliary switch outputs.....(5)
- Maximum auxiliary switch current.....15A each switch
- Backlight input current.....0.44A max
- Ground speed input.....
Electrical.....150mV RMS @ 10 Hz
Mechanical.....4.5 – 15.0V @ 1 KHz max

Contains all the SSC2100 Spreader Control features plus:

- Up to 5 Additional valve or auxiliary valve switches
- Individual resettable circuit breakers
- Custom Backlit nomenclature

SSC2500 Electrical Specifications

- Operating temperature range.....-40° to +185°F
- Operating Voltage.....10.0-18.0 VDC
- Operating current.....0.24A max standby
.....15A max with all outputs driven
- Protection....Over-voltage, over-current, reverse polarity
- Valve output type.....PWM
- Valve drive frequency.....50 or 125 Hz
- Proportional valve drive outputs.....(3)
- Maximum valve drive current.....2.0A
- Maximum liquid drive current.....10.0A
- Remote liquid warning inputs.....(3)
- Backlight input current.....0.60A max
- Ground speed input.....
Electrical.....150mV RMS @ 10 Hz
Mechanical.....4.5 – 15.0V @ 1 KHz max



Contains all the SSC2100 Spreader Control features plus:

- Liquid Drive output
- Separate liquid power switch with indicator
- Optional liquid blast
- Liquid warning indicators



SSC2600 Electrical Specifications

- Operating temperature range.....-40° to +185°F
- Operating Voltage.....10.0-18.0 VDC
- Operating current.....0.24A max standby
.....10A max with all outputs driven
- Protection....Over-voltage, over-current, reverse polarity
- Valve output type.....PWM
- Valve drive frequency.....50 or 125 Hz
- Proportional valve drive outputs.....(3)
- Maximum valve drive current.....2.0A
- Backlight input current.....0.60A max
- Ground speed input.....
Electrical.....150mV RMS @ 10 Hz
Mechanical.....4.5 – 15.0V @ 1 KHz max

Contains all the SSC2100 Spreader Control features plus:

- Additional PWM drive
- Separate cross-auger power switch with indicator



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Part Number: FA643

Service Centers and Sales

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