The Manual Spreader Control Series uses detented dials for precise repeatability. The pulse width modulated outputs are compatible with most hydraulic spreader control valves, and capable of independently controlling both auger and spinner outputs. The Manual Spreader Control Series can be used in light, medium and heavy duty spreader applications.

- **Removes hydraulic fluid from cab**  
  - For reduced in cab noise and increased operator safety and control.

- **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**  
  - Adjust hydraulic valve current to maintain repeatable spread rates.

- **Selectable drive frequency**  
  - Full Pulse Width Modulation (PWM) control with selectable drive frequency for optimum valve performance.

### SSC1100 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 @ 10Hz
  - Mechanical: 4.5 – 15.0V @ 1 KHz max

**SSC1100 Spreader Control**
**SSC1150 Spreader Control**

Contains all the SSC1100 Spreader Control Features Plus:
- Up to 5 additional valve or auxiliary switches
  Control additional functions from one control solution.
- Individual resettable circuit breakers
  Easily reset breaker and avoid replacing fuses.

**SSC1500 Spreader Control**

Contains all the SSC110 Spreader Control Features Plus:
- Liquid drive output
  Capable of driving a hydraulic valve or electric prewetting pump.
- Separate liquid power switch with indicator
  Operator can choose to operate spreader, spreader and liquid, or just liquid depending on spreading conditions.

**SSC1600 Spreader Control**

Contains all the SSC1100 Spreader Control Features Plus:
- Additional PWM drive
  Operate systems that use auger, spinner and cross-auger.
- Separate cross-auger power switch with indicator
  Operator can choose to operate spreader, spreader and cross-auger or just the cross-auger depending on system needs.

**SSC1150 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 @ 1KHz max

**SSC1500 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 @ 1KHz max

**SSC1600 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 @ 1KHz max