

F E A T U R E S

The Manual Spreader Control Series uses detented dials for precise repeatability. The pulse width modulated outputs are compatible with most hydraulic spreader control vales, 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 Spreader Control

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

Controls

Manual Spreader Controls

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.

SSC1150 Electrical Specifications

Operating temperature range.....	-40° to 185° F
Operating voltage.....	10.0 – 18.0 VDC
Operating spreader 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 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.

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 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.

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



501 East Cliff Road
Burnsville, Minnesota 55337

1-888-99FORCE
www.forceamerica.com

©2009 FORCE America Inc.
Part Number FA642

Service Centers and Sales

Bismarck, ND	800-624-7568	Fort Dodge, IA	800-362-2994
Charlotte, NC	800-788-8598	Kansas City, MO	800-383-4724
Chicago, IL	800-433-5765	Milwaukee, WI	800-722-5844
Columbus, OH	888-449-0356	Minneapolis, MN	800-328-2732
Dallas, TX	800-893-7225	Philadelphia, PA	800-492-6621
Denver, CO	888-833-7711	Salt Lake City, UT	877-230-0505