Precision controls for powerful spreader performance

When it comes to electronic spreader controls, your winter maintenance vehicles require accuracy, power and performance. Offering sophisticated technology such as temperature-controlled spreading, integrated load and rate management and Wi-Fi data transfer compatibility, the SpreadSmart Rx™ provides industry-leading precision and easy operation. What’s more, the SpreadSmart Rx is designed with AVL ready hardware providing capacity to advance your system technology as needed.

SPREADSMART RX

- The most versatile spreader control in the industry
- 4 channels, closed loop, ground-speed oriented, granular, pre-wet, anti-ice control
- Optional 8 channels, closed loop, ground-speed oriented, granular, pre-wet, anti-ice control for tow plow applications
- Multiplex/CAN bus communication
- Temperature-triggered spreading control
- Proportional closed-loop gate control
- On-board diagnostics tools
- AVL ready

www.certifiedcirus.com
PRODUCT SUMMARY
• 4 channel, ground speed oriented, open/closed-loop controller with data logging and optional Wi-Fi data transfer
• Prescription spreading using live road temperature data and/or by programmed rates

PRODUCT APPLICATION
• Auger/conveyor, spinner, pre-wet and anti-icing (3 booms x 2 tiers)

SPREADING PRECISION
• Industry-leading spreading precision in closed-loop and open-loop operation

SINGLE OR MULTIPLE LANE WIDTH SETTINGS
• Area spreading in lbs/gal per lane mile (auto adjusts rate for >1 lane spreading)
• Linear spreading in lbs/gal per mile (operator controls spinner)

SPREADING RATE DEFINITIONS
• Customized application rates for granular, pre-wet and anti-icing
• 10 types for granular, 10 types for pre-wet, 10 types for anti-ice

TEMPERATURE-LINKED SPREADING PRESCRIPTIONS
• Temp Response™ integrates road temperature sensor, controlling granular and liquid application automatically

LOAD AND RATE CALCULATOR AND MATERIAL REMAINING
• Calculates granular and liquid requirements for each route (miles) and automatically sets system rates per that calculation
• Auto mode then includes indication for miles, tons, gallons and % remaining

PROPORTIONAL GATE CONTROL
• Control of optional closed-loop hydraulic gate height and conveyor speed

ENGLISH AND METRIC UNITS STANDARD
• System operates in English or metric units

DATA LOGGING BY MATERIAL NAME FOR BILLING
• Select specific application rate definitions and related data logging for specific purpose (i.e., state vs. county vs. city roads)

STORM AND SEASON TOTALS
• System logs application amounts by rate definition for the storm and the season (storm total is operator resettable)

AVL READY
• Compatible with many brands of radio and cell phone AVL systems

SYSTEM SET-UP WIZARD
• On-screen, step-by-step programming and troubleshooting

ON-SCREEN DIAGNOSTICS AND HELP MENU
• System diagnostics available on screen for settings, software, memory, GPS, distance meter
• Easy-to-follow instructions for use of all parameters shown in “help menu”

BLAST AND PASS (PAUSE)
• Blast is programmable (on/off, timed, momentary)
• Pass (pause spreading temporarily)
• Remote blast and remote pass accessible

SIGNAL COMMUNICATIONS
• Multiple frequency settings for valve compatibility
• Multiplex/CAN bus communication

POWER SAFETY
• Power Safe™ signals prevent random grounds powering any hydraulics system attached (auger, spinner, conveyor, etc.)
• Channel Safe™ detects and protects against open or short circuits on hydraulic drive channels
• Minimum: 11 Volts DC; Maximum 15 Volts DC

SYSTEM DISPLAY OPTIONS
• White/blue LCD: 8 lines, 40 characters/line
• 7” color TFT: 16 lines, 40 characters/line
• Optional 7” TFT touch-screen control

SYSTEM MOUNTING
• Seat or pedestal mount
• Standalone or dash mount for display

WARNING INDICATORS
• Visible (on display) and audible (buzzer)

OPTIONAL EQUIPMENT
• GPS antenna
• Road and air temperature sensor
• Drive by Download™ system
• Gate height sensor, gate height position, hopper level

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