

F E A T U R E S

The 5100ex is a fully integrated, all-in-one spreader control designed for heavy duty winter maintenance operations. Its compact, modern design provides a commanding solution for professionals to fight snow and ice with precision and simplicity.

- **Manual, open and closed loop controller capabilities**
 - Allows for accurate application of granular and liquid deicing materials
- **Optional integrated control for the plow and hoist operation**
- **Ergonomic, compact design for comfortable operation**
 - Right-hand location of controls offer an unobstructed view of the LCD screen
- **Protective casing surround control knobs**
 - Prevents unintentional use and damage to the knobs
- **Bright, bold color LCD touchscreen**
 - Ideal for calibration and configuration options
- **Backlit rocker switches for easy viewing at all times**
- **Interlock for use of critical functions**
 - Avoid inadvertent operation of critical functions
- **Fully adjustable mounting options**
 - Allows for simple, customizable installation
- **Built-in USB port for data retrieval and firmware upgrades**



Product Specifications



Built in USB port for data retrieval and firmware upgrades.



Tactically placed interlock system to ensure safe use of critical functions.



Fully adjustable mounting option for easy, customizable installation.



Protective casing surround control knobs to prevent unintentional use.



Bright, bold color LCD touchscreen for calibration and configuration options.

Technical Specifications

Size	5.1" H x 7.2" W x 2.5" D
Case Material	Glass filled Nylon
Screen Size	3.5"
Screen Resolution	320 x 240 px
USB Connector	Standard-A type
Discrete Digital Inputs	6
Dashkey Input	1
Speedometer Input Type	Dual Adjustable Trip Point, w/ pull up enable
Valve Outputs	9
Valve Output Current	4A
Operating Voltage	9-30VDC constant power
Operating Current	250mA + valve drive current

Max System Current	15A
Electrical Protection Type	Fuse, reverse polarity, load dump
Electrical Testing	J1113/4: Bulk Current Injection 1-400MHz
.....	J1113/21: Immunity to
.....	Electromagnetic Fields 20-1000MHz
.....	CISPR 25: RF Radiated Emissions
.....	J1113/13: ESD 4 & 8kV Direct, 4/8/15kV Air
Mechanical Testing	SAE1455 Shock
.....	SAE1455 Swept Sine Vibration
.....	SAE1455 Random Vibration



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Sales and Service Centers

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