



THE POWER OF EX

**SSC5100ex
Spreader Control**



Features & Benefits

FORCE America's 5100ex spreader control is designed specifically for the demands placed on Public Works departments and other heavy duty winter maintenance operations. The 5100ex provides a commanding solution for winter maintenance professionals to fight snow and ice with precision and simplicity. Best of all, it delivers enormous functionality within a compact, modern design.

A fully-integrated, all-in-one solution with a wide range of control

- Manual, open and closed loop controller options
- Accurate application of granular and liquid deicing materials
- Optional integrated control for the plow and hoist operation
- Ability to spread herbicide and dust control products

Quality design & performance

- Completed rigorous environmental and shock testing as a part of the development process
- Meets the SAE J1455 standard for heavy-duty trucks
- Incorporates the same intuitive navigation found in FORCE America's controllers for low training and ease of moving between systems
- Proudly designed and manufactured in the USA

Integration with PreCise® MRM's AVL/GPS solution for comprehensive reporting

- Access to industry's most advanced web-based tool to automate winter maintenance reporting, mapping and equipment maintenance
- Total system designed to cut spending on salt and reduce impact on the environment.

Product Information

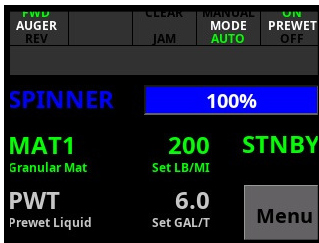
The compact, modern design of the 5100ex offers a powerful solution for professionals to combat snow and ice with precision and ease. With dimensions of 5.0" H x 7.2" W x 2.3" D, its sleek build ensures that it won't overcrowd the cab with unnecessary hardware. Additionally, the strategically placed right-handed controls provide an unobstructed view of the LCD screen, enhancing user experience and functionality.



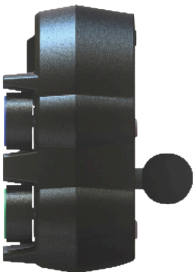
The device is equipped with a built-in USB port, providing a convenient and efficient way to retrieve data and perform firmware upgrades.



Featuring a tactically placed interlock button, the 5100ex is strategically designed to enhance safety by controlling access to critical functions.



The 5100ex is equipped with a dimmable bright, bold color LCD touchscreen that enhances user experience by providing an intuitive interface for calibration and configuration options.



The device is designed with a protective case surrounding the control knobs, providing an added layer of security to prevent both unintentional use and potential damage.



Users have the option to add a dedicated display for the PreCise® MRM wireless ARC Sensor, providing users with an enhanced way to monitor and visualize sensor data in real time.

GPS/AVL Integration with PreCise® MRM

As a part of the FORCE America family, the PreCise Mobile Resource Management solution is integrated deeply with the 5100ex control system. Accurate material usage reporting, controller error alerts, and vehicle accessory details are all available as a part of a total system approach. PreCise goes beyond AVL/ GPS to provide a complete fleet management solution.

PreCise tracks and reports on:

- Vehicle speed and location
- Activity of equipment accessories, including plow and broom
- Material usage and route completion reporting
- Idle time and equipment maintenance intervals

The PreCise Data Collection Unit is a versatile device that integrates multiple data sources to provide comprehensive reporting and monitoring capabilities. It gathers digital inputs and geospatial data, including location, heading, speed, date, and time, which are then geo-stamped for accuracy. The data is transmitted via cellular or Wi-Fi networks to the internet for seamless integration. Additionally, the PreCise Data Collection Unit interfaces with the 5100ex Controller for event logging and delivers detailed fleet information reports, enabling efficient fleet management. The system leverages satellite connectivity and telecommunications to ensure real-time data flow, enhancing operational oversight and decision-making.

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