

F E A T U R E S

The 5100 LCD Color Spreader Display offers plow drivers a large, easy to read display with adjustable brightness and large fonts. All spreader control information is available at a quick glance.

Color LCD display

- 7" diagonal with 3.5"x 6" viewing area. TFT type. 800 x 480, wide VGA format screen resolution. Scratch-resistant, screen with anti-glare coating.

Upgradable and retrofits to any 5100 spreader control

- Integrates with existing 5100 units. Upgradable for future feature enhancements.

On-Screen warning with audible alarm

- Bold, bright indicators of chassis-mounted hydraulic system sensors.
 - Body-up • Filter Bypass • Oil Level • Oil Temperature

On-Screen road and air temperature (with sensor)

- Immediately informs operator of changing road and atmospheric conditions.

CAN Bus communication

- Robust communication standard for automotive/truck electronics.

View granular, pre-wet, and direct application liquid rates simultaneously

- All critical snow fighting information on one screen.



The 5100 offers a low profile display screen.



5100 LCD DISPLAY SPECIFICATIONS

“Heads up” Spreader display, mounted within easy view of the operator.

Color LCD display, 7” diagonal with a viewing area ; 3.5” X 6”, TFT type, with 800 x 480 screen resolution.

Wide viewing angle; +/- 45 degrees horizontal and +/- 30 degrees vertical. No color or image distortion.

Display contrast ratio: 400:1.

Hardened, anti-glare scratch-resistant screen.

Upgradable display firmware – Compact Flash socket for quick “plug-and-play” programming

Operating temperature range: -40°C to 85°C.

Adjustable LCD brightness;

- Set brightness via 5100
- Control brightness through dash light input.

CAN Bus communication with spreader control.

The screen displays the following spreader information:

- Granular application spread rate – Set application rate and actual application rate.
- Pre-wet application spread rate – Set application rate and actual application rate.
- Anti-ice application spread rate – Set application rate and actual application rate.
- Application rates available in standard or metric units.
- Graphical representation of spinner set rate.
- Mode of spreader operation.
- Road temperature (°F or °C) with optional sensors.
- Ambient temperature (°F or °C) with optional sensors.
- Spreader status differentiates between spreading, standby, and blast.

Plain text error messaging.

Current date and time.

Data menu:

- Current output readings to valve coil for the auger, spinner, pre-wet, and anti-ice functions.
- Season cumulative spreader information including material weight and volume, distance and time for each material and operation mode.
- Current cumulative spreader information including material weight and volume, distance and time for each material and operation mode.
- Error log in plain text to include the last 125 errors associate with the spreader control including the date and time of each error.
- Truck battery voltage.
- Truck speed -miles per hour or kilometers per hour.

The display screen also includes four warning options: for body-up, low oil, oil temp, and filter bypass with an optional audible alarm. Plain English text, red in color.

- Dimensions 7.75” H x 4.75” W x 3” D



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