



Control auger/conveyor units and pre-wet or anti-ice applications

The *Freedom 2™* is an advanced 3-channel spreader control system capable of ground-speed-oriented control of the auger/conveyor units and pre-wet or anti-ice applications. The touchscreen allows for easy access to setup menus and the Freedom Interactive Rapid Setup Tutorial provides guidance on calibration. The spreader control system is data capable and summation totals are available through USB download. The Freedom 2 is designed to interact with AVL systems.

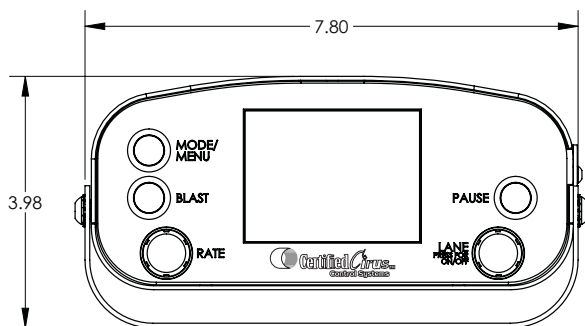


Freedom 2

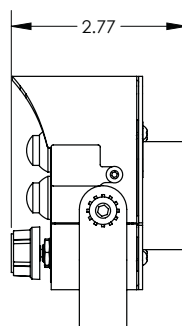
Drop-in replacement for previous models MS2, AS2, AS3, DS2 and GL400

FEATURES

- Touchscreen/color 16-bit color depth
- Durable, lightweight metal design
- Field upgradable
- 8 MB RAM
- 4 MB flash
- Tactile switches
- Tactile encoders
- Backlit front panel
- Day/night contrast modes
- Made in the USA
- Replaceable fuse (easily accessible)
- F.I.R.S.T. (Freedom Interactive Rapid Setup Tutorial)
- Embedded help screens
- USB 2.0 compatible:
 - Software upgrades
 - Configuration
 - Data transfer (thumb drive)



Mechanical layout





Model comparison

FEATURES	FREEDOM 2.1	FREEDOM 2.2
Ground-speed-oriented spreading	✓	✓
Ground-speed triggered	✓	✓
Manual mode	✓	✓
Auto mode open-loop control	✓	✓
Remote pause	✓	✓
Unload mode	✓	✓
4 configurable materials	✓	✓
Auxiliary output	✓	✓
Spinner 0 MPH shut-off	✓	✓
Storm totals USB/On-screen	✓	✓
Open-loop and manual current (Amps) regulated output	✓	✓
Open-loop and manual voltage regulated output	✓	✓
Conveyor stall input	✓	✓
On-screen error messages and audible alarm	✓	✓
Touchscreen	✓	✓
Configurable digital inputs	✓	✓
Output short/open detect through CPU (Msg/Alarm)	✓	✓
Sensor short detection (Msg/Alarm)	✓	✓
Test speed	✓	✓
Remote blast	✓	✓
Pre-wet open-loop	✓	✓
Liquid tank float input	✓	✓
Pre-wet closed-loop		✓
AVL "Freedom Talk"		✓
Auto mode closed-loop control		✓

