

FREEDOM

CONTROL SERIES

Certified Power introduces our newest control in the Freedom Control Series Line

Freedom 2



Drop-In Replacement for
Previous StormGuard Models
MS2, AS2, AS3, DS2, & GL400

Sometimes it's the small things that can revolutionize our industry. The Freedom 2 with its touch screen display, guided set-up and calibration keeps with the spirit and our goal of the Freedom line - to use technology to our advantage and keep it simple for operators and technicians alike.

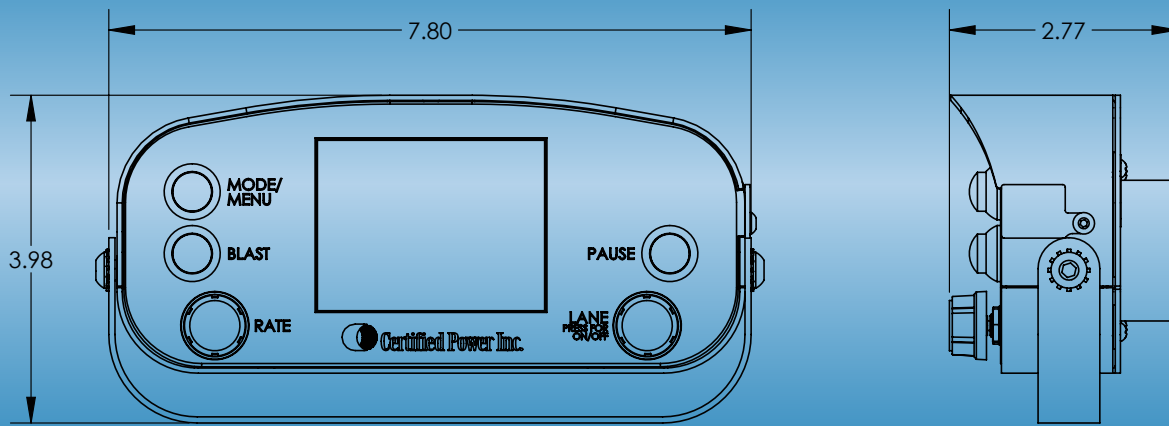
Test drive the new Freedom 2 and discover why our "So Smart...it's Simple" approach continues to bring you the best in the Snow & Ice Control Industry.

Features Include:

- 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:



Freedom 2.0

- 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 & audible alarm
- Touch screen
- Configurable digital inputs
- Output short/open detect through CPU (Msg/Alarm)
- Sensor short detection (Msg/Alarm)
- Test speed

Freedom 2.1

- 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 & audible alarm
- Touch screen
- Configurable digital inputs
- Output short/open detect through CPU (Msg/Alarm)
- Sensor short detection (Msg/Alarm)
- Remote blast
- Pre-Wet open-loop
- Liquid tank float input
- Test speed

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 & audible alarm
- Touch screen
- Configurable digital inputs
- Output short/open detect through CPU (Msg/Alarm)
- Sensor short detection (Msg/Alarm)
- Remote blast
- Pre-Wet open-loop
- Liquid tank float input
- Pre-Wet closed-loop
- AVL "Freedom Talk"
- Test speed
- Multi-lane spinner cal. 4 individual cal settings (future)
- Auto mode Closed-loop control

Certified Power is a pioneer in snow and ice removal. We definitely have the experience to do the job. From the operator to the fleet manager we understand what you need. That's why the entire Freedom product line, top to bottom, is the best available when you compare safety, reliability, durability, and ease of maintenance.

Our engineering staff consistently proves that it is the most innovative in the industry. This makes us the best at bringing your ideas to reality. We can help you design systems and controls that will do your job right and do it well. We are here to serve you and believe that our total commitment to your success is the key to our mutual success.

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