



Easy-to-install plow and spreader control system

The MDC is a compact CAN-bus plow control system designed for ease of installation and quick delivery to the upfitter. The pre-configured system layout offers 1, 2 or 3 joysticks, and either a programmable electronic switch package or simple rocker switches to easily cover most applications. The MDC console is designed to accept the Freedom 2 electronic spreader control system. When installed together, the integrated design provides a central location to control the hydraulic functions.

KEY FEATURES

- CAN-based wiring of valve control for ease of installation
- Up to 6 switches (depending on model)
- Integrated CAN-bus modules
- Powder-coated aluminum construction
- Armrest and pedestal mounting options
- 6 indicators
- Standard configurations to reduce lead time

FREEDOM 2 ELECTRONIC SPREADER CONTROL SYSTEM FEATURES

- Pulse-width modulated (PWM) valve signals with current control for auger, spinner and pre-wet (depending on model)
- Ground-speed oriented
- Closed-loop speed control (depending on model)
- Color touchscreen
- Storm totals
- Remote pause and blast (depending on model)
- Reliable hall effect joysticks



3-joystick MDC



2-joystick MDC



ADDITIONAL FEATURES

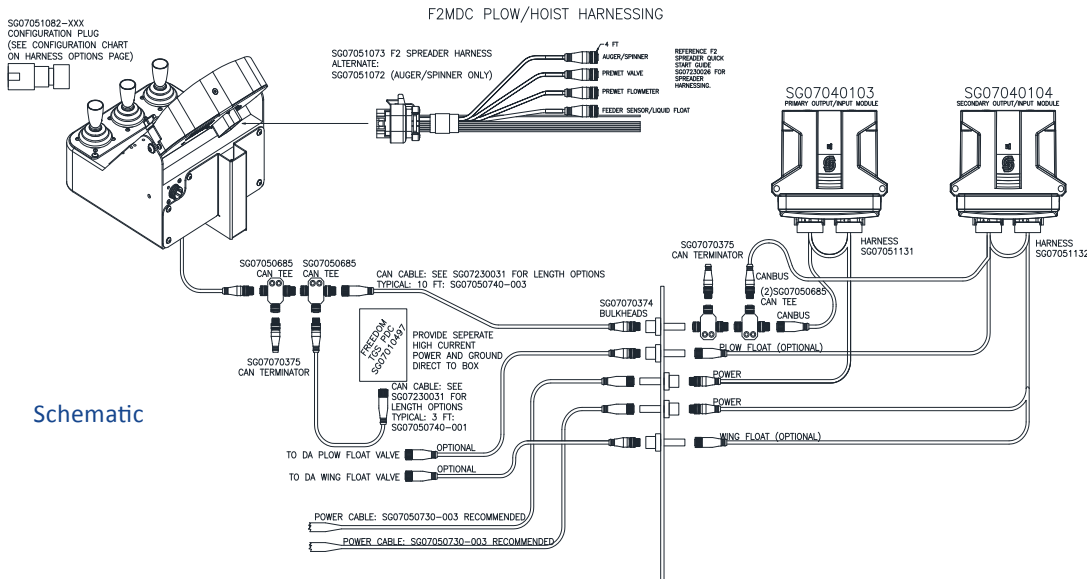
- 2- and 3-stick designs available
- Switch only design as an option
- CAN-bus connectivity on joystick versions
- Compact design for medium duty applications
- Switches and indicators available for auxiliary functions
- Up to 14 PWM valve signals
- Multiple mounting options
- Designed to integrate Freedom 2 electronic spreader control system
- Control of up to 7 double-acting functions
- User configurable plow and wing float (double and single acting)
- Deadman on hoist
- 8 different control variations to choose from
- 6 LED indicators with legends
- Hoist limit (optional)

CHOICE OF 8 CONFIGURABLE OPTIONS

- Type 1:** 3 stick, 1 axis hoist, 2 axis plow, 2 axis 3 function wing
- Type 2:** 2 stick, 1 axis hoist, 2 axis plow w/float
- Type 3:** 2 stick, 1 axis hoist, 2 axis plow w x axis/aux function

- Type 4:** 2 stick, 2 axis hoist/tilt, 2 axis plow
- Type 6:** 2 stick, 1 axis hoist, 2 axis plow w/y axis aux function
- Type 7:** 1 stick, 2 axis plow, shift for hoist

- Type 8:** 3 stick, 1 axis hoist, 2 axis plow, 2 axis 2 function wing or scraper
- Type 9:** 3 stick, 1 axis hoist, 2 axis plow, 2 axis 2 function scraper and 2 function wing



Schematic



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