

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



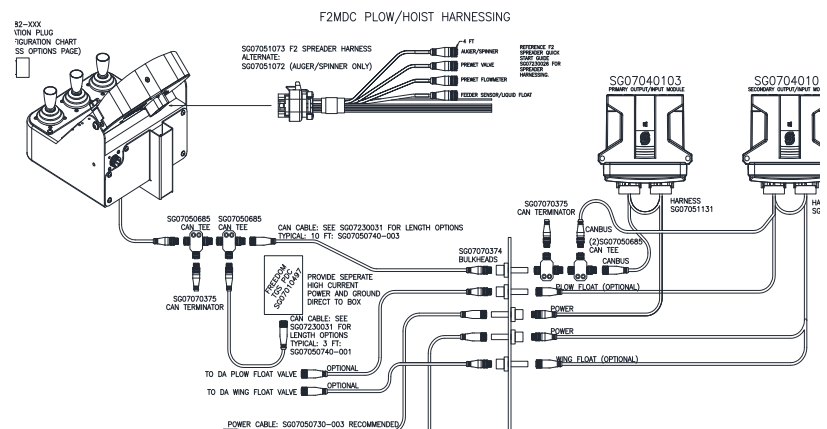
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Additional Features

- 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

1	3 stick, 1 axis hoist, 2 axis plow, 2 axis 3 function wing
2	2 stick, 1 axis hoist, 2 axis plow w/float
3	2 stick, 1 axis hoist, 2 axis plow w/ x axis/ aux function
4	2 stick, 2 axis hoist/tilt, 2 axis plow
5	2 stick, 1 axis hoist, 2 axis plow w/y axis aux function
6	1 stick, 2 axis plow, shift for hoist
7	3 stick, 1 axis hoist, 2 axis plow, 2 axis 2 function wing or scraper
8	3 stick, 1 axis hoist, 2 axis plow, 2 axis 2 function scraper and 2 function wing



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