

Drill control system

ISOBUS Artemis



An ISOBUS-compliant multi-channel electric drive system providing the control and monitoring requirements of the modern seed drill



Will operate on any ISOBUS compliant UT

Auto pre-start function

Variable rate capability

Quick and easy product calibration

Multi-channel control of electrically driven metering units

Tramline reduction

Drill control system

With increasing adoption of variable rate technology, the requirement for control of multiple products and now ISOBUS, the Artemis system has now been developed to work with compliant UT's.

The ISOBUS Artemis has been developed to work on compliant ISOBUS UT's, including both X25 and X35. Artemis provides proportional to forward speed control by driving the metering unit with an electric motor.

Software is configurable to control up to 4 products/motors i.e. 1x seed & 1x fert or 1x seed, 1x fert & 1x slug pellets. In conjunction with the X25/X35, all 4 channels could function according to a predefined treatment map. Likewise, the headland on/off control would stop/start the motors according to the coverage map. The system continues to provide the basic monitoring and control functions including:

- Tramlining
- Low hopper level alarms
- Fan speed alarms
- Information totals (area, weight used, job duration)

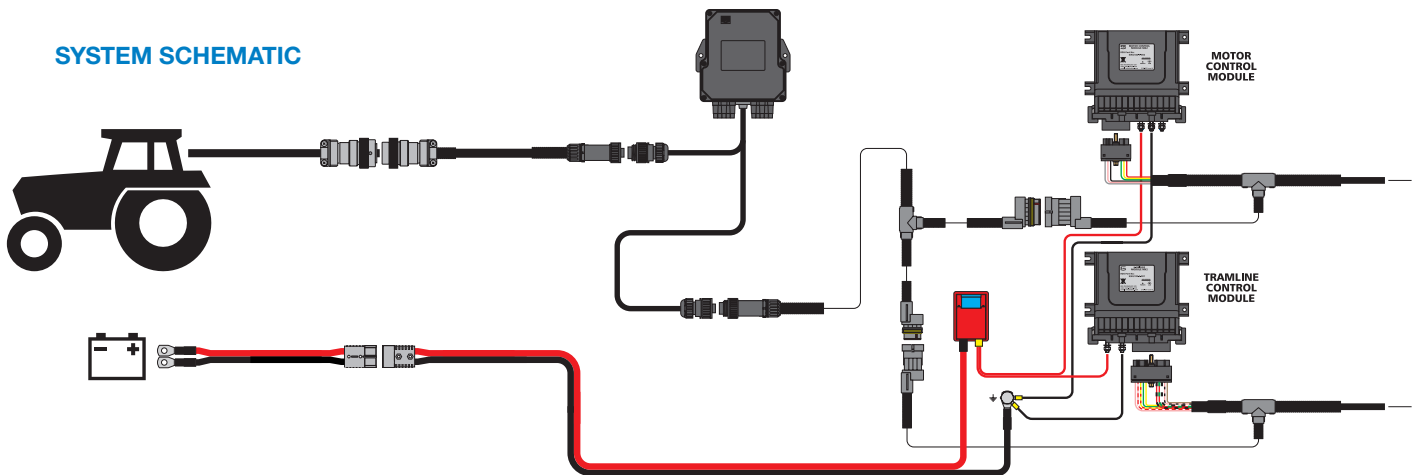


ISOBUS Artemis can be supplied as standard fitment in conjunction with the Artemis system, or offered as an upgrade to existing PSi Artemis users if necessary.

ADVANTAGES

- Permits drill operation with most modern tractors
- Gets product to the coulters before the drill starts moving
- Set application rates and manually adjust as required
- Ensures ease of calibration between crop types / varieties and so maximum accuracy
- Just 1 user interface for the drill instead of 2 or 3
- Motor speed reduction on tramline bouts to ensure correct application rates (when enabled)

SYSTEM SCHEMATIC



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