



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



## 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)



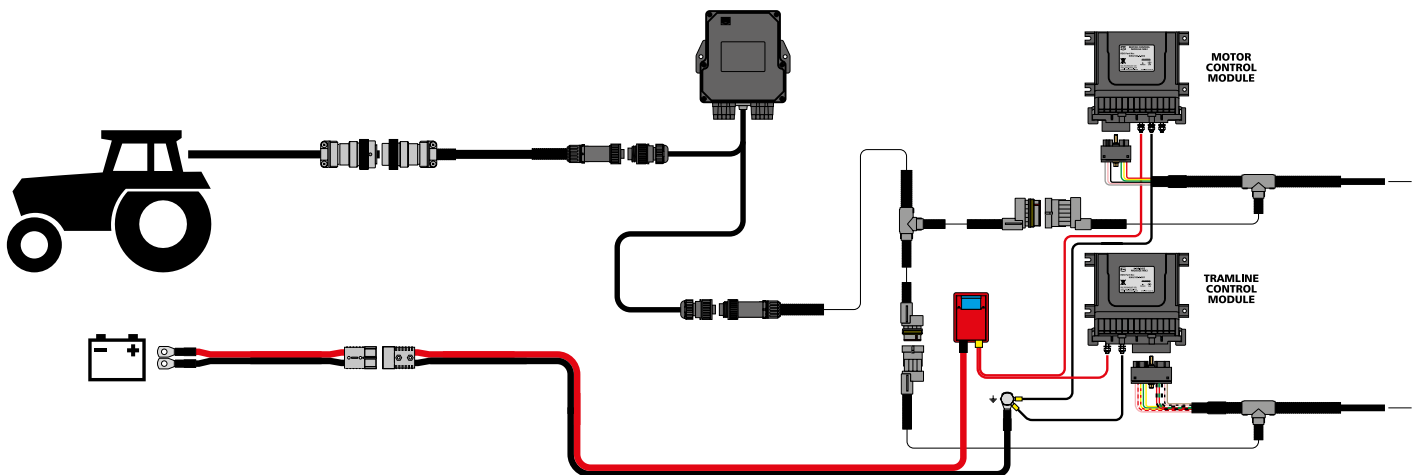
### FEATURES

- 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

### 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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