



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:

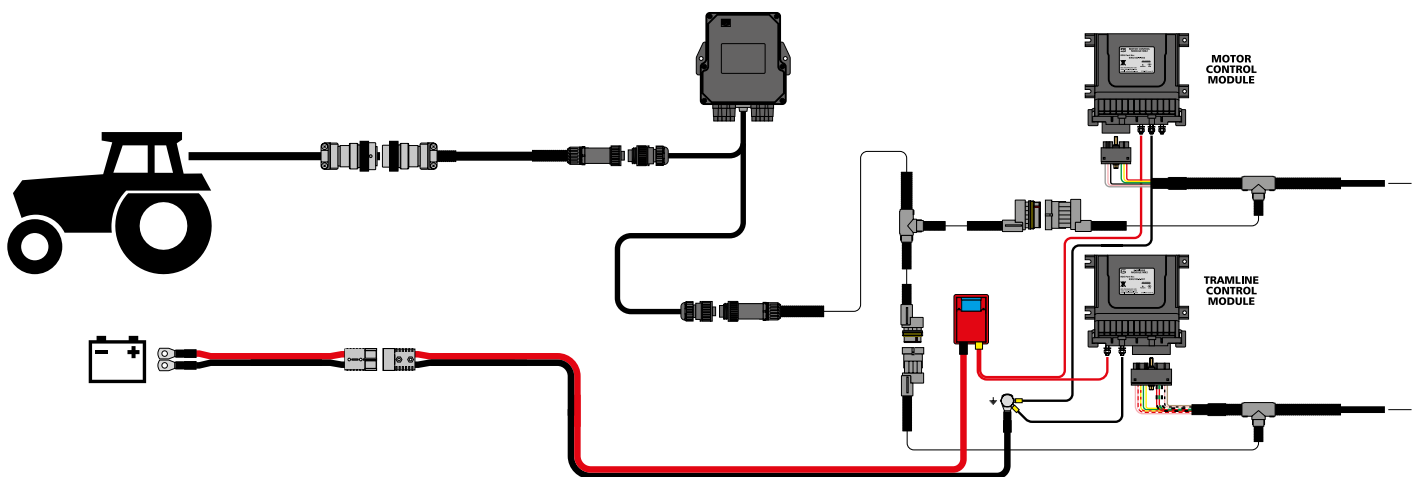
- Tramlining
- Low hopper level alarms
- Fan speed alarms
- Information totals (area, weight used, job duration)
- Seed blockage monitoring



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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