



Artemis

A variable rate control and monitoring system
for seed drills



The **RDS Artemis** removes the need for a mechanically driven land wheel by operating the metering unit with an electric motor maintaining its speed proportional to forward speed.

Suitable for both seed or seed and fertilizer, the **RDS Artemis** is for fitting onto drills with an Accord-type pneumatic metering system.

Upgrading your seed drill with technology found on higher value machines maximises field efficiency and prolongs drill working life, deferring capital expenditure.

The system comprises an electric motor with sufficient power and torque for most types of conventional pneumatic metering units. A radar forward speed sensor provides a signal to the Motor Control Module, which controls the motor speed proportional to forward speed.

Features & Advantages:

Pre-start facility – to prime the seed mechanism before drilling, simply press the Pre-Start Button, wait a few seconds and pull away.

Simple & fast operator product calibration – press Drill Priming Button, dispense product into a container, weigh and enter information into the instrument.

Calibration 'on the move' - when application rates require changing, utilise the manual adjustment buttons.

Integrated SD card reader – allows basic data logging to produce field records. Prints in text or csv format for uploading directly into a spreadsheet or yield map proprietary software packages.

Precision Farming capability – add an RDS GPS 16 receiver and load a pre-defined seeding plan via SD card for automated variable seed rate application.

Printer option – useful for contractors to produce field records.

Artemis also provides all the essential seed drill control and monitoring functions including:

- Forward speed
- Tramline count & control (symmetric & asymmetric)
- Two area totals (partial and total)
- Fan speed
- Hopper level alarms

Technical details:

- Operating voltage: 11 - 28 Vdc
- Keypad: Rubber membrane - sealed
- Display: 160 x 128 pixel (95 x 75mm)
- Temperature range: -30°C to +75°C operating
-40°C to +85°C storage
- Warranty: 2 years
- Env. protection: Instrument unit IP34
Full RFI/EMI protection
- Dimensions: 220mm x 156mm x 52mm
(W x H x D)

System enhancements:



GPS 16 – the only requirement needed to receive GPS signal for utilising seeding plans.



ICP 300 – in-cab printer for hard copy prints of field records.

Available from:

Also in the range:



Delta 34i – a fast reacting sprayer regulation system.



Ceres 8000i – yield monitor and recording system for all types of combine harvester.