



Artemis Lite

Variable Rate Control on Seed Drills



A low cost solution to variable rate control on pneumatic seed drills.

Using the experience gained from the Precision Farming enabled P*Si* Artemis (over 1000 in the field), the Artemis Lite is designed specifically for drills with a single pneumatic metering unit. Typically this would be a close-coupled 3-point linkage mounted drill.

For customers requiring a GPS-based precision farming/datalogging solution, the RDS Artemis is available.

The Artemis Lite replaces all of the mechanical drive system on a pneumatic cereal drill by using an accurate speed sensor, processing electronics and electric motor/gearbox.

The Artemis Lite is a lower cost alternative to the precision farming enabled PSi Artemis.

Key Features:

Ability to change rate from the tractor cab.

Ability to 'prime' the mechanism by turning the seed shaft whilst stationary.

Quick and easy to calibrate.

No seeding errors due to slippage between the land wheel and the ground.

Less mechanically complex than traditional systems.

Requires no expensive ISOBUS terminal.

Includes all traditional drill functions:

- Forward speed
- Tramline control: symmetric and asymmetric
- Area totals (2)
- Fan tachometer
- Low seed level alarm

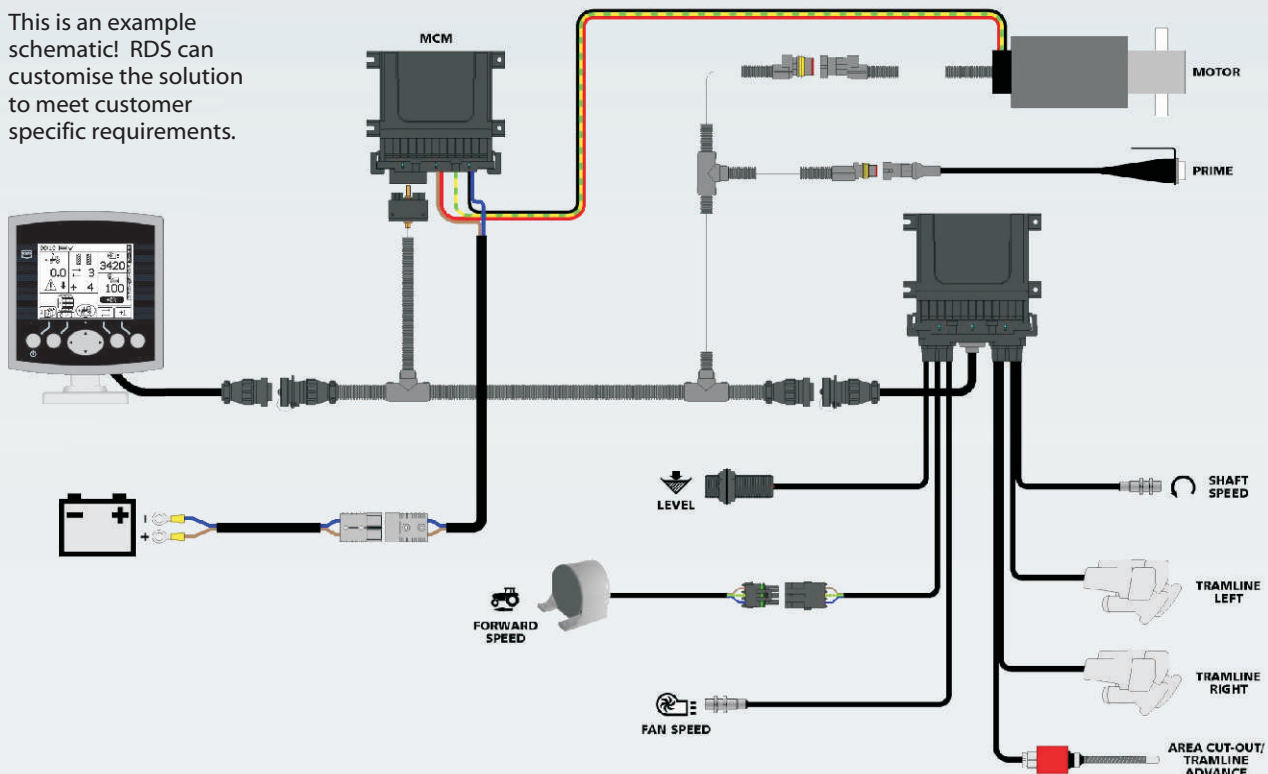
Self-explanatory and easy to use.

Simple manual variable rate control (without precision farming capability)

Low cost.

Artemis Lite Single Motor Schematic:

This is an example schematic! RDS can customise the solution to meet customer specific requirements.



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