

Artemis Lite Seed drill control



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

Using the experience gained from the Precision Farming enabled PSi 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.

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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.

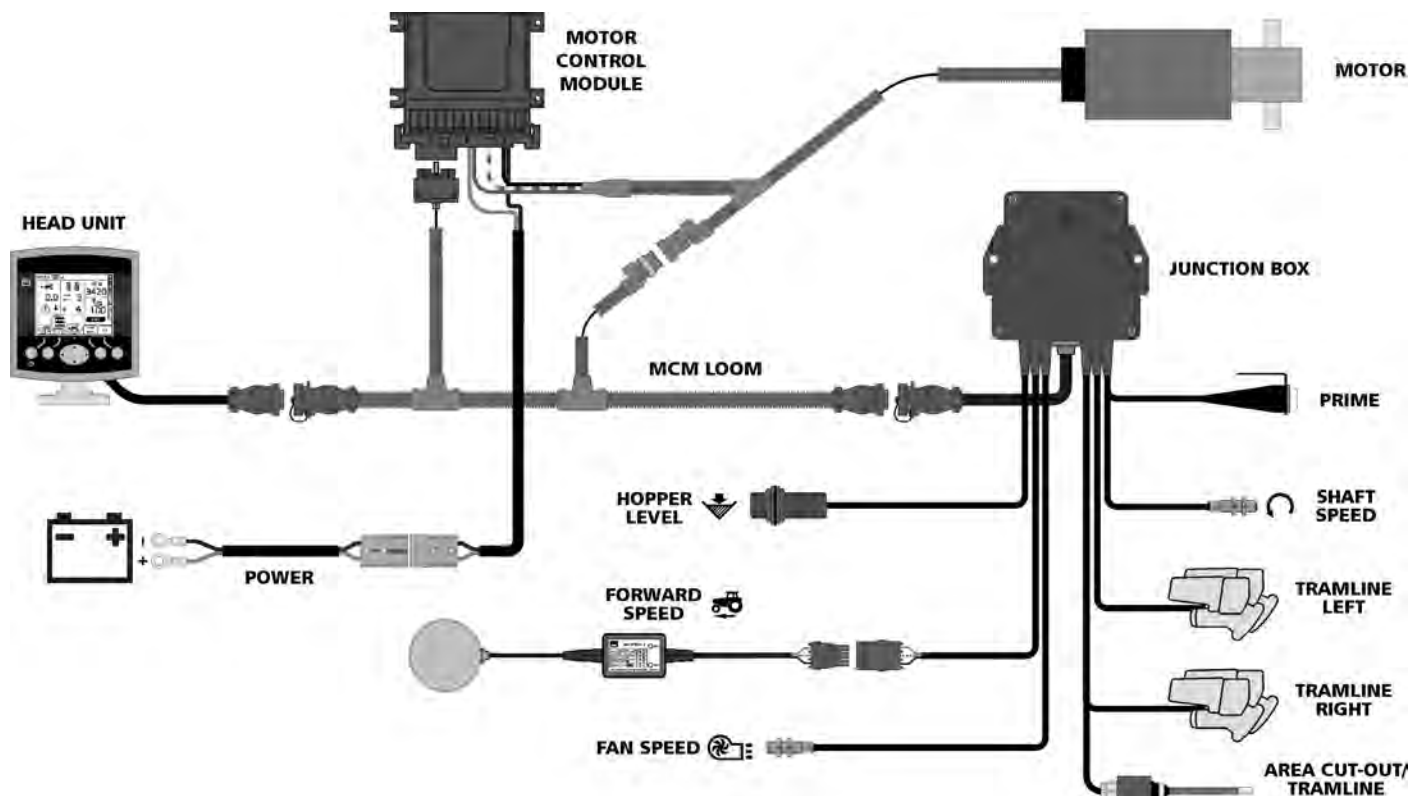
TECHNICAL DETAILS:

Operating voltage:	10 to 30 Vdc
Temperature range:	0 to +50°C operating
Env. protection:	Instrument unit IP54 Full RFI/EMI protection
Warranty:	2 years

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:



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Errors and omissions excluded, technical details are subject to change. ref: ArtL(EN)