RDS TECHNOLOGY
— TOPCON POSITIONING GROUP —

iSOCAN APOLLO

An accurate, fast responding and user friendly regulation and monitoring system for manure spreaders.

With the increased awareness and importance of accurate application rates, the RDS iSOCAN Apollo spreader control system ensures the maximum nutrient value is extracted from all types of manure and animal waste.

The correct application rate is applied irrespective of changes in forward speed and product density.

www.rdstec.com

The new iSOCAN Apollo uses a 7" colour touch-screen display to provide a clear and ergonomic user interface.

Loadcells on the machine constantly measure the weight of product in the spreader and the floor speed is continuously adjusted to achieve the correct target application rate.

The Apollo system quickly reacts to changes in product characteristics or spreading conditions without having to adjust or calibrate the machine.
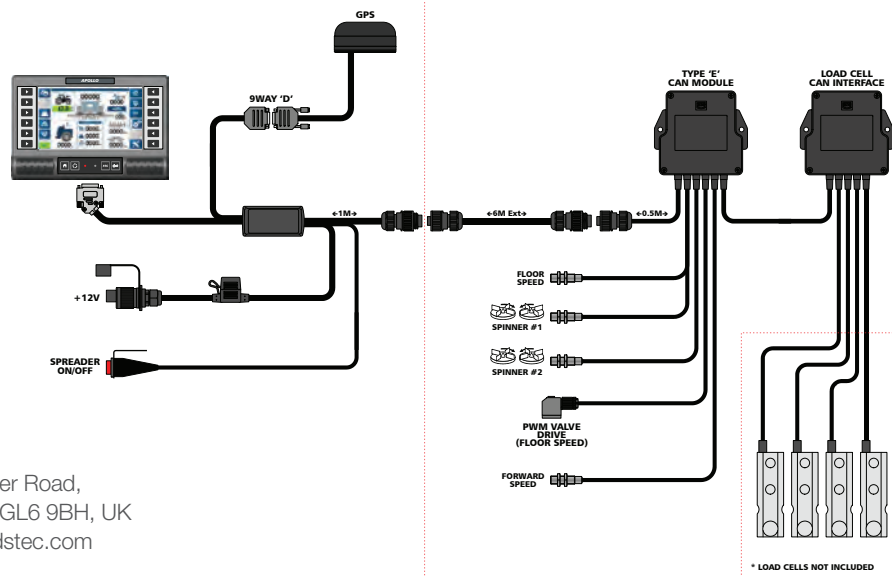
Other important spreader functions such as beater or spinner speed can also be monitored, with warnings being triggered if they are not operating correctly.

FEATURES	ADVANTAGES
Colour touch-screen display	Clear, uncluttered display provides intuitive operation
Full automatic and continuous calibration	No manual calibration required
Variable rate capability	Quickly set application rates and manually adjust as required
Precision farming compatible	Can receive a rate from 3rd party controller e.g. JD GreenStar, Trimble, Topcon etc. (activation code required)
Multiple stores of area worked and total weight spread	Helps maintain accurate work records and invoicing
As-applied data records	Improved traceability and record keeping for customers, land owners and government agencies (activation code required)
Secure calibration menus	Avoids accidental or unauthorised changes to the settings

TECHNICAL DETAILS

Operating voltage:	11 - 28 Vdc
Display:	High brightness (400mcd) colour, 7" widescreen format (800x480) LCD with touch-screen
Switches:	16 backlit physical keys for application specific functions
Warranty:	2 years
Dimensions:	227mm x 157mm x x45mm (WxHxD)

SYSTEM ENHANCEMENTS

Camera:	iSOCAN has 2 external camera inputs
Precision Farming:	Variable rate capability or by interface with 3rd party (activation code required - see iSOCAN Enhancements)
Guidance:	iSOCAN can be used for parallel guidance purposes with Apollo or standalone (activation code require - see iSOCAN Enhancements)
Headland Control:	With a virtual headland system will start/stop spreading automatically (activation code required - see iSOCAN Enhancements)

SYSTEM SCHEMATIC

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