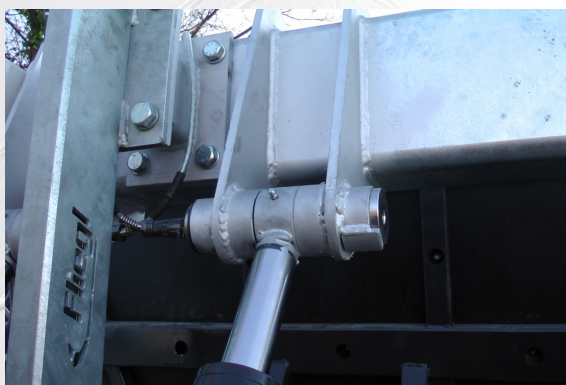


Spreader Monitor

Accurate weighing on the move



The Griffith Elder **Spreader Monitor** is an automatic weighing system used to monitor and control fertiliser and manure spreaders.

Weighing

At the heart of the **Spreader Monitor** is a sophisticated weighing system that monitors the change in weight in the hopper. Four or six load cells detect the weight in the hopper. Load cells are available to suit most spreaders, ranging from 500kg to 20,000kg capacities.

Simple to Operate

Operating a **Spreader Monitor** couldn't be simpler. Make sure the indicator is switched on and turn the spreader switch on at the start of each job. When spreading is completed, just turn the spreading switch off to view the data. On some models the system is completely automatic giving the rate of delivery per hectare while the spreader is on the move.

Area Measurement

The area covered is detected using either a wheel sensor or a ground-speed radar. Area is only recorded while the spreading mechanism is engaged.

Spread Rate

The **Spreader Monitor** shows an instant spread rate while in operation. This allows the operator to easily maintain the correct spread rate by speeding up and slowing down the machine. The total amount delivered is shown as well as the overall amount which has been spread on a particular area.

Accuracy

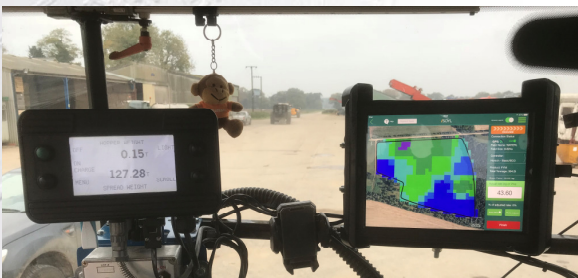
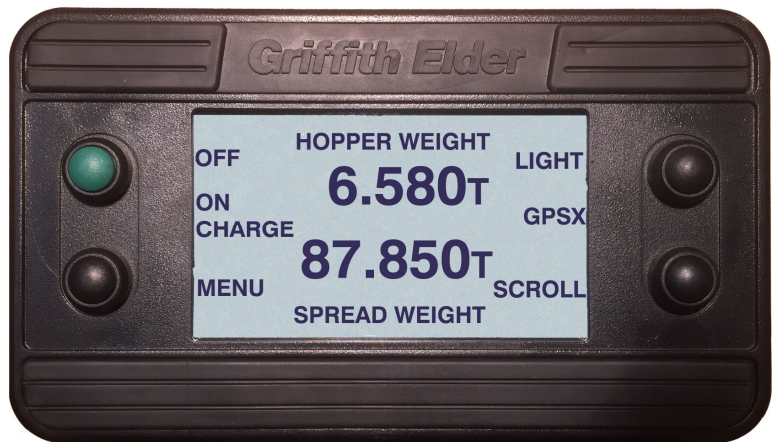
Accuracy of weighing is within 0.5%. All load cells are fully calibrated in the factory ready to use. The load cells are robust and can stand the normal vibrations, shaking and knocks without losing accuracy.

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Spreader Monitor

Three models available



Indicator

An easy-to-use indicator is available for use inside the vehicle. Three models give varying levels of information, from simple weight in hopper to variable rate control.

Model WT4

The **WT4 indicator** is the basic weighing system. The display shows the weight in the hopper and can be used to record each individual load or keep an accumulative total for the whole field or contract. The results are stored in memory for each load and a printer can be fitted.

Operation mode can be selected to ensure a smoothed weight is displayed even while on the move.

Model WS4

The **Spreader Monitor WS4** has the smoothed weighing function, monitors the hopper and spread rate, giving weight in the hopper, total amount spread, average rate and area covered. When the WS4 is actually spreading it shows the current spreading rate. Scroll to see accumulated spread weight, average spread rate and area covered. Press save to put the record into memory with date and time, print if when printer is installed and to start a new batch record.

Model WS4 + Rate Controller

Additional options can be added to the **WS4 model**.

Fixed Rate Controller

The fixed rate option controls a 0-5V or PWM spreader bed valve. The customer pre-sets the desired target application rate and this controller automatically maintains the desired spread rate whilst on the move.

Variable Rate Controller

If the unit is coupled with a device with GPS and variable rate prescription maps, it will vary the application rate according to the map and reply back with the actual spread rate.

Typical devices include but not limited to; Trimble, Isoyl, LH5000 protocol.

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