

Fault diagnosis and help

If you have a problem with the motor not running or not running as normal the following information may help diagnose the problem.

Always make sure it is connected as per the user manual and check all connections, cables and for damage.

The control box connection should be made so that the cable from the power goes directly to the control box 12V/DC SUPPLY side and the cable to the applicator is connected to APPLICATOR side. The negative (BLACK) cable should not be connected to ground as it is this cable that controls the speed of the motor.

If the additive is siphoning running out when the rotor is not turning then this is most likely to be because the brush strips need replacing.

Calibration

We provide a calibration guide in the user manual based on typical volumetric weights of limestone and corn based carriers. We strongly recommend that you carry out your own calibration check by using the guide to set the speed dial to the nearest setting that matches your target. Dispense additive into a bag/container for 1 minute and weigh it then adjust the speed dial up or down until you achieve your target application rate. Record your results for future reference.

Maintenance

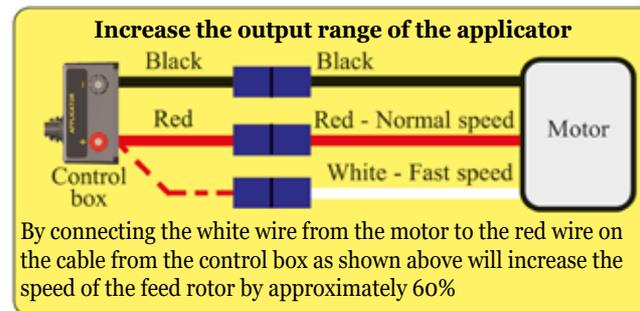
Always remove any unused additive and store empty in a clean dry place.

Control box internal fuse



15 AMP fuse Mini Blade type

Change motor speed to increase output

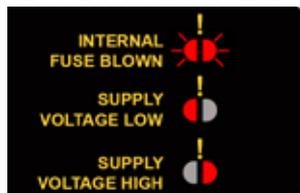


Alternative Feed Rotors

We can supply a Low volume rotor if you need a lower output or a high volume rotor if you need a higher output from Standard.

Control box

The control box fault indicator will alert you if there is a problem with the supply or if the internal fuse is blown.



If the internal fuse has blown check for reasons why this may have happened before replacing and turning the control box on. **! Never use a higher rated fuse than 15 Amps.**

If the supply voltage is low check your supply and all connections. **! This could be caused by inadequate cable or poor connections.**

If the supply voltage is high. **! This could be caused by faulty tractor regulator or unregulated power supply.**

Fault	Diagnosis	Remedy
Motor will not run	Fuse blown	Check the internal control box fuse and for reasons why it has blown before replacing.
	Supply Low voltage indicator illuminated	Check supply and wiring connections
	Wires incorrectly connected or damaged	Check the wiring is connected correctly
	Seized or damaged motor	Contact Selmech Supplies
Motor runs but poor or no output	Motor leads incorrectly connected causing the Motor to run backwards	Connect leads correctly. This could have damaged the in cab speed controller and or the motor.
	Hopper empty	Refill hopper
	Tubing angle too shallow for gravity feed	Steepen the angle or consider using a blower attachment
Incorrect application rate	Incorrect calibration setting	Refer to calibration chart
	Volumetric weight not compatible with calibration chart	Do your own calibration for the product you are using.
Additive coming out when turned off	Brush strips clogged or worn no longer effective	Replace brush strips