



Digitally controlled granular additive applicator

With our own digital control box the servoing motor dispenses the additive precisely.

Easy to set up and use the volumetric calibration enables the end user to calibrate the applicator to suit their preferred brand of additives.

Suitable for self propelled and trailed forage harvester, forage wagons, and balers.

Gravity fed single or triple outlet tubes.

Hopper manufactured from high density plastic to avoid problems associated with condensation.

Low level sensor giving warning when the hopper needs refilling.

Output Range:

50g - 2000g (1.8oz - 70oz) per minute depending on the volumetric weight of additive.

The kit includes

Applicator with 50kg or 80kg (110lb or 175lb) capacity hopper.

Digital in cab controller.

Low level sensor.

Outlet tubing.

8 meters (26ft) of electrical cable.

Single or triple outlet.



Digital Control

The control box automatically monitors and adjusts the Dflow Powdermaster motor to keep it's output constant, this enables it to deliver additive precisely.

There is a back lit digital display and the control box has three operating modes to choose from.

Settings for baler

Set you bale weight in Kg per Bale



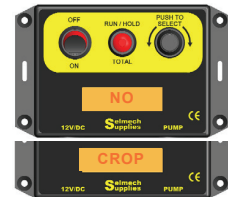
Enter the application rate of your additive in grams per ton.



Set how many bales made in an hour



A thru-beam crop sensor can be used with the control box to automatically turn the motor on and off.



Settings for harvester or wagon

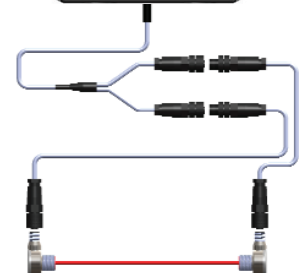
Enter the application rate of your additive in grams per ton.



Set how many tons an hour are picked up



The total Kg dispensed are stored in memory and can be zeroed.



Powdermaster Blower Attachment Option

The Powdermaster blower attachment is supplied as a kit that can be easily fitted to the Powdermaster applicator. A wiring loom is included that enables the electrical connections to be made via a switching control circuit to synchronise the operation of the blower with the Powdermaster.

The blower assembly can be mounting so that the pipe outlet is in a left or right direction. It can be fitted to both 50kg or 80kg Powdermaster, with digital and non digital controller.



TECHNICAL DATA

	STANDARD POWDER MASTER	LOW VOLUME POWDER MASTER	BLOWER
Supply voltage	12V/AC	12V/DC	12V/DC
Current consumption	2.8 Amp	2.8 Amp	11.5 Amp
Fuse rating	5.0 Amp	5.0 Amp	15.0 Amp
Output Signal to motor	PWM approx. 1.4 KHz	PWM approx. 1.4 KHz	The fan power supply is completely independent of the applicator and the fan does not draw power from the applicator.
Capacity of the hopper	50Kg or 80Kg	50Kg or 80Kg	
Output range	50 grams to 2000 grams per minute	20 grams to 150 grams per minute	

WARRANTY

Provided installation is carried according to these instructions a warranty of 1 year from date of delivery applies. This covers faulty manufacture only and does not cover wear and tear through normal use or mechanical or chemical damage that has occurred to parts through misuse or unauthorised attempts to repair the unit. In the case of faulty manufacture, claims are limited to repair of the unit and its return to the customer.



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