



## 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 or blower option.

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

Low level sensor giving warning when the hopper needs refilling.

## Output Range:

Standard Volume - 50g - 2000g

Low Volume - 20g - 150g

*Output will depend on the volumetric weight of additive.*

## The kit includes

Applicator with 50kg or 80kg capacity hopper.

Digital in cab controller.

Low level sensor.

Outlet tubing.

8 meters 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.

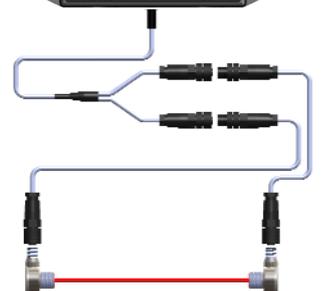
Set how many bales made in an hour



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



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



## 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



## 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 mounted to both 50 and 80kg Powdermasters with the pipe outlet in a left or right direction.

The photos below show some examples of how the Powdermaster has been set up on machines with and without the blower attachment.



TECHNICAL DATA	POWDERMASTER	BLOWER
Supply Voltage	12V/DC (10.6V DC to 16.4V/DC)	12V/DC (10.6V DC to 16.4V/DC)
Current consumption	2.8A	11.5A
Fuse rating	5A	15A
Output signal to motor	PWM approx 1.4 KHz	<i>The fan power supply is independent of the applicator. The fan does not draw power from the applicator.</i>
Capacity of the hopper	50 kg or 80kg (110lb or 175lb)	
Hopper Dimensions	50 kg - 500 x 634 x 325 / 80kg - 500 x 744 x 325 mm	255 x 255 x 247 mm
Output range	Standard Volume - 50g to 2000g (1.8oz - 70oz) per minute	<i>Output will depend on the volumetric weight of additive.</i>
	High Volume - 400g to 3000g (14oz - 105oz) per minute	
	Low Volume - 20g to 150g (0.70oz - 5.30oz) 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.