

FlowMaster liquid silage preservative applicator

The Flowmaster range of liquid applicators is purpose built for applying preservative to various crops and has proved thoroughly reliable in use. Used for additives that have a typical application rate of 1 litre per tonne or higher.



The FlowMaster is designed to fit in a 200 litre barrel, but can also be used in IBCs. and for smaller containers a short reach option can be made to special order.

Open flow outputs options:

Low Volume FlowMaster: 0.5 - 4 litres per minute

High Volume FlowMaster: 0.5 - 10 litres per minute

Extra High Volume FlowMaster: 8 - 15 litres per minute

The Flowmaster range of applicators are robust reliable stem pumps built for applying various types of liquid preservative additives to all types of crops. Including bacterial inoculants and propionic (propricorn) type acids.

The Flowmaster is suited to all types of forage harvester self-propelled or trailed, forage wagons and balers.

Other applications the FlowMaster has been used for are: Applying supplements and preservative to Total Mixed Rations (TMR) in feeder wagons, seed dressings and insect repellents to stored grain.

The basic FlowMaster kit

Stem pump

Variable in cab speed controller,

10 meters of tubing,

10 meters of electrical cable,

Foot filter,

single nozzle holder and a selection of jets.



Selmech's own in cab variable speed controller enables the operator to set the out put of the pump easily and make manual adjustments for varying crop densities.

Accessories

There are also a selection of optional accessories available depending on what type of equipment the FlowMaster will be used on. These include: -

Graduated Flowmeters

A Flowmeter will give a visual indication of liquid flowing through the system highlighting a blockage or drop in pressure in the system. We have Low and High volume options



Anti-siphoning solenoid

If the additive tank is higher than the out-put, for example on a forage wagon, siphoning may occur. To stop this a solenoid assembly can be fitted.



Pick-up reel micro switch

The micro switch is wired so when activated the supply is cut to the pump motor, turning off the pump. The switch should be mounted in an appropriate positions so that when the pick-up is raised the switch is operated to cut the supply.



The FlowMaster and self-propelled or trailed forage harvester

If fitting to a self propelled harvester we would recommend the high volume FlowMaster (0.5 – 10 litres/minute open flow) and for trailed machines the low volume FlowMaster (0.5 – 4 litres/minute open flow).

The addition of a Flowmeters with a graduated scale from 1-10 gives a good visual indication of additive flowing through the system.

kit recommended for a self propelled forage harvesters.

High Volume Flowmaster kit

Flowmeter

kit recommended for a trailed forage harvesters.

Low Volume Flowmaster kit

Flowmeter

Anti siphoning solenoid valve



The FlowMaster and forage wagons

Forage wagon pick-up rates can be quite high and the poor nature of the additive getting mixed with the grass in the same way as it would in a harvester requires that you achieve a good coverage over the width of the swath. For these reasons we would recommend the high volume FlowMaster kit with the addition of two or four jets.

In almost all cases the tank will be mounted higher than the jets so it will be necessary to fit an anti siphoning solenoid valve assembly in the system. to prevent siphoning of the additive.

As with forage harvesters a Flowmeter is an optional extra that is well worth considering.

Kit recommended for a Forage wagon.

High Volume Flowmaster kit

4 x jet pack

Anti siphoning solenoid valve

Flowmeter

A typical set-up for forage wagons is to mount 1 or 2 200 litre barrels either on the tractor front link arms or on a platform on the forage wagon above the pick-up



The FlowMaster and balers

The low volume FlowMaster will be adequate for applying all types of liquid preservative additive to baled silage hay and straw. As with the forage wagon it is important to provide a good coverage of the additive over the swath. This is especially important when the bales are not going to be wrapped.

If applying inoculant bacterial types of additive to silage or haylage bales that will be wrapped then a minimum of a twin jet system should be used

If applying propionic (propricorn) type acids to hay or straw then a four jet system should be used to get the best coverage over the swath.

Kit recommended for a balers.

Low Volume Flowmaster kit

2 x jet pack (4 x for propionic)

Anti siphoning solenoid valve,

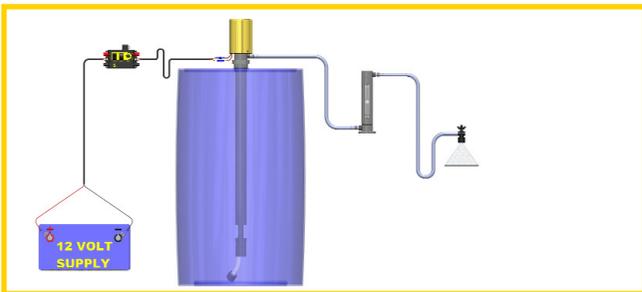
Flowmeter

A typical set-up with balers it to mount a 200 litre barrel on the front link arms of the tractor.

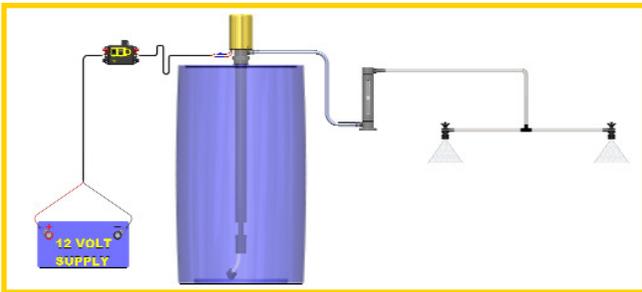


Quick pick guide								
Product code	SS4	SS1	SS44	SS43	SS9a	SS9b	SSX3	SSX151
Product	FlowMaster LV	FlowMaster HV	FlowMaster FW	FlowMaster BB	FlowMeter LV	FlowMeter HV	Antisyphoning Solenoid	Pick-up Microswitch
Trailed forager	●				●			●
Self Propelled forager		●				●		
Forage Wagon			●					
Big Baler				●				
Small Square Baler				●				

Typical set-up single jet



Typical set-up twin jet



About Selmech Supplies

Manufacturers of Liquid and Powder preservative Applicators for Grass Silage, Maize Silage, Hay and Corn Crimping

Selmech Supplies have been manufacturing cost effective preservative additive applicators for grass and maize silage for more than 25 years, supplying farmers, contractors and many of the largest manufacturers of additives in the UK, Europe and worldwide.

Selmech Supplies range of liquid and granular applicators are easily mountable and suit all types of self propelled and trailed forage harvesters, forage wagons, balers and crimping applications.

We stock a wide range of spare parts and accessories so are able to offer comprehensive support to all our products.

Warranty

All Selmech Applicators are guaranteed against failure which can be attributed to faulty workmanship for a period of six months from the date of delivery.

Selmech Supplies Ltd reserve the right to change its specifications at any time without notice, to allow for improvements or modifications to its design.



19 Norton Enterprise Park, Whittle Road, Churchfields, Salisbury SP2 7YS

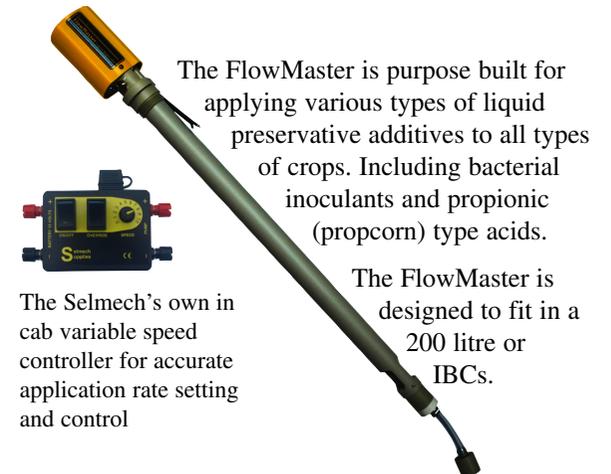
Tel: 01722 413440 - Fax: 01722 413466

email: admin@selmechsupplies.co.uk

www.selmechsupplies.co.uk



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The FlowMaster is designed to fit in a 200 litre or IBCs.

The Selmech's own in cab variable speed controller for accurate application rate setting and control

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Tel: 01722 413440

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