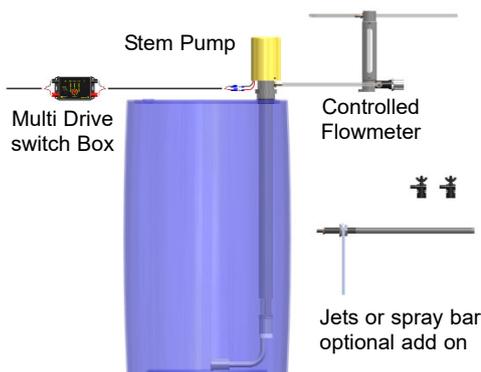


The Crimpmaster is a purpose built low pressure applicator used in conjunction with a controlled flowmeter for the accurate application of additives for Crimping or Propcorn moist grain treatments. Multi Drive Switch Box has 3 drive settings which allow you to set the drive to the motor that best suits your application rate.



The Basic Kit

The Basic Kit comprises pump and filter, controlled flowmeter, switch box, power cable, and tubing.



**Multi Drive
Switch Box**



**Controlled
Flowmeter**
for easy control of
application rate



Part No.	Crimpmaster kit price options
SS35	Low volume Crimpmaster - Comprising, pump and filter, controlled flowmeter, switch box, power cable, and tubing. Output range 0.8 to 3.4 litres per minute open flow.
SS35b	High volume Crimpmaster - Comprising, pump and filter, controlled flowmeter, switch box, power cable, and tubing. Output range 1.3 to 5 litres per minute open flow.
SS35c	Extra High volume Crimpmaster - Comprising, pump and filter, controlled flowmeter, switch box, power cable, and tubing. Output range 3 to 10 litres per minute open flow.
SSX118	Spray bar for augers
SSX139	Single Jet Pack
SSX149	Twin Jet Pack
SSX180	Fixed 12-Voltage Power supply, 13.8Vdc 20A

CrimpMaster pump out-put guide

The CrimpMaster pump is similar in appearance as our FlowMaster but is slightly lower pressure as it is normally supplied with a Controlled Flowmeter to adjust the output. This means the pump motor is always running at maximum speed so if the output is tightly restricted the lower pressure pump will not over work the motor but still maintain sufficient output when opened up.

The table below shows the OPEN FLOW output range that can be expected from each CrimpMaster pump model. The Extra High Volume pump will have a larger body size (LB) than the standard pumps to allow a higher throughput

CrimpMaster model	Low Volume	High Volume	Extra High Volume
Open flow litres per minute	0.5 - 4	1 - 10	5 - 15
It should be noted that any restriction to the flow will restrict the out-put.			

Controlled Flowmeter

The CrimpMaster kit is supplied with a controlled Flowmeter that has a graduated scale of 1 – 10. This scale relates to a calibration chart that is supplied with the kit. The output range is determined by the weight of the float gauge.

At the moment we have 3 output options. Low, High and Extra High

Flowmeter model	Low Volume	High Volume	Extra High Volume
Output range litres per minute	0.8 – 3.4	1.3 - 5	3 - 11.5

Flowmeter output guide to treatable tonnes per hour (approximate)

Formula: - maximum flowmeter output divided by application rate = treatable tonnes per minute x 60 = treatable tonnes per hour

For example maximum flowmeter output 10 l/m divided by application rate 8l/t x 60 = 1.4 t/m times 60 = 75 t/hr

	Low Volume		High Volume		Extra High Volume	
	t/m	t/hr	t/m	t/hr	t/m	t/hr
App rate /treats up to						
@7 l/t	0.5	30	0.7	42	1.5	94
@12 l/t	0.3	18	0.4	25	0.9	54
@15 l/t	0.2	12	0.3	20	0.7	44
@30 l/t	0.1	6	0.16	10	0.4	22

For higher outputs we can supply a Flowmeter kit with speed controller that has an output range of 8 - 15 litres per minute open flow. This can be supplied with a special extra high volume Flowmeter to cover the range of the pump.

Key

L/t = litres per tonne - t/m = tonnes per minute - t/hr = tonnes per hour

Selmech Supplies reserve the right to change specifications with out prior notice.