

## The Basic PWM Module

The PWM Module is a liquid applicator that can be fitted to all types of foraging machines to apply a range of preservative additives to help maximise forage quality and feed values. All PWM modules are supplied with Selmech's own variable speed controller, enabling the operator to set the output of the high pressure self priming diaphragm pump without leaving the cab.

## The kit includes as standard

Covered pump module with fixings.

PWM variable speed controller.

Twin jet pack with anti syphon jet bodies and a selection of spray nozzle. *Additional jets bodies and nozzles can be added if necessary.*

Cable to connect the power to control box and pump to control box.  
10 metres of tubing and inline filter.

3 way valve that can be fitted to your tank and used to attach a clean water source to flush the pump after use.

## Optional extras

Flowmeter.

Thru beam crop detector. *See reverse page.*

## Two output range options: -

Low Volume - 0.5 to 5 Litres per minute

High Volume - 2 to 12 Litres per minute

*Maximum/Minimum outputs will vary depending on the supply voltage and how the additive is delivered at the point of application.*

## PWM In cab controller

Selmech manufacture our own in cab variable speed controller in house. It is used to control the output of the pump and make instant adjustments for varying crop densities.

It has an LED fault indicator to warn of blown fuse or power supply issues.

There is a boost button to run the pump at full speed for a short period if there is a temporary heavy crop density encountered.

There is an output for the addition of a thru beam crop detector.

*A guide calibration chart is provided to help set the required output.*



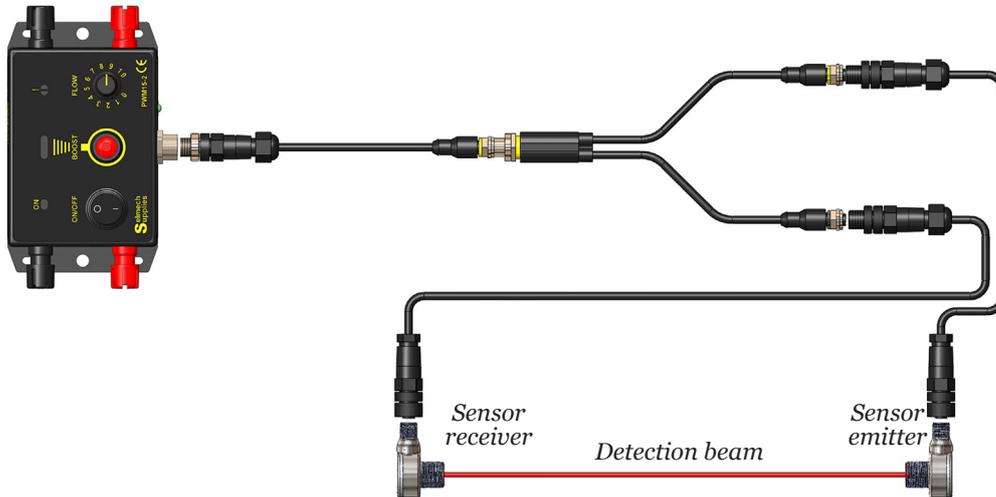
The PWM pump module kit can be mounted to any size of tank sourced in your local area.



## Optional accessories

### Thru beam crop detector kit

A pair of photoelectric sensors with a visible red beam for easy alignment. When positioned to detect the swath as it is taken up by the pick up it will switch the pump on when the beam is broken and off when it is not. The photoelectric sensors are high quality, dust tight and able to keep out water from high pressure cleaning.



### Graduated Flowmeters

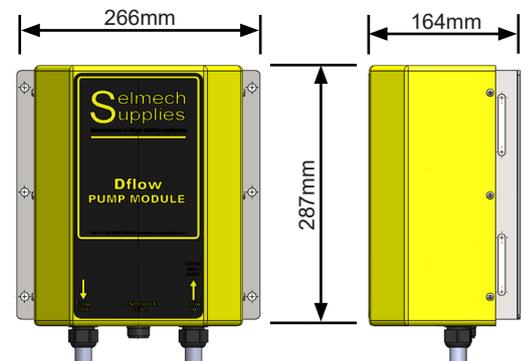
A graduated Flowmeter is used as a calibration aid. It has a weighted float that will give an accurate real time reading of the flow rate. A calibration guide chart is provided with the flowmeter to accurately set the output from the pump.

The Flowmeter will also highlight a blockage or drop in pressure in the system that may occur during harvesting.



TECHNICAL DATA	PWM Module
Supply Voltage	12V/DC (10.6V DC to 16.4V/DC)
Current consumption	10A
Fuse rating	15A
Output signal to motor	PWM approx 1.4 KHz
Output range	Low Volume - 0.5 to 5 Litres per minute
	High Volume - 2 to 12 Litres per minute
Maximum/Minimum outputs will vary depending on the supply voltage and how the additive is delivered at the point of application.	

### Module Dimensions



### 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 the return of parts to Selmech or their agent for repair and return to the customer.