

# Enviro-Spray™

## TOTAL WATER CONTROL SYSTEM

### OPERATION FEATURES

- ✓ Multi Level Variable Spray Control
- ✓ Distance Based Spot Spray Control
- ✓ Road Speed Controlled Variable Spray
- ✓ Single Foot Pedal On/Off Control
- ✓ Automatic Foam Output Control
- ✓ Water Tank Level Display



The operator console functions can be used individually or in combination with each other to achieve the desired level of water spray control.

#### ✓ MULTI LEVEL VARIABLE SPRAY CONTROL

This is the major water control function used to efficiently output the optimum level of water spray for the current conditions. There are 6 levels of variable water spray output available (Low, 20%, 40%, 60%, 80%, High). The default rate is loaded when the system is first turned on and is adjusted via the increase and decrease vari-spray buttons.

#### ✓ DISTANCE BASED SPOT SPRAY CONTROL

The spot spray control is turned on via the red spot button. The spot control is based on a distance cycle of 100 metres and the operator selects the wet distance of 20M, 40M, 60M or 80M with the balance of the 100 metre cycle being dry distance. The system will monitor current road speed and adjust the spray on and off times to maintain the preset wet distance regardless of road speed. The wet distance is changed by using the spot spray increase and decrease buttons.

✓ **ROAD SPEED CONTROLLED VARIABLE SPRAY**

If road speed control is selected via the yellow button, the variable rate selected ie 20%, 40% etc will become the maximum output and the water spray output will be reduced as the truck speed is reduced or increased as truck speed increases. If the truck speed drops below 2kph then the sprays will automatically turn off.

✓ **SINGLE FOOT PEDAL ON/OFF CONTROL**

A floor mounted foot pedal is provided to allow the operator to stop all water spraying operations with a single push of the pedal. This allows for safer operator control of the vehicle rather than the distraction of turning toggle switches on & off.

✓ **AUTOMATIC FOAM OUTPUT CONTROL**

When the fire fighting cannon is used and foam injection is required, the foam switch is turned on and the system will control the percentage of foam injection to match the variable rate selected ie

Low & 20% = Low Foam

40% & 60% = Medium Foam

80% & High = High Foam

✓ **WATER TANK LEVEL**

If required water tank level can also be incorporated into the display to provide continuous monitoring of current water level & a warning given when the level is low.

✓ **COMBINED USAGE – TOTAL WATER CONTROL**

If spot spray control is used in conjunction with road speed controlled variable spray then total water control is achieved. The operator simply drives, up ramps (low speed), along straights (higher speed), stop at intersections (no speed). The water output is continually changed to suit the driving situation, low output, maintained distance spot spraying up ramps. High output with maintained spot distance along straights. Water output is shut off when the truck is stopped, no flooding of intersections.



**Display Panel**