

Trade Master Operation Manual



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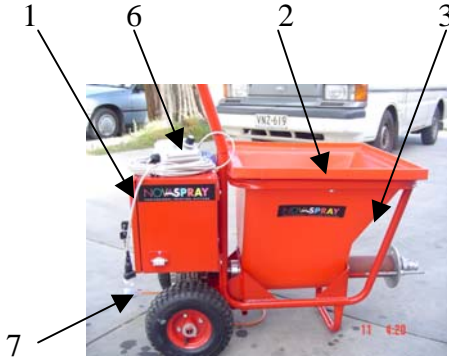


Safety and Handling

- Check the machine daily for any damage to the electrical components or power cables. If the machine behaves in an unusual manner switch off and call the supplier.
- Do not open the control box while the power cord is connected.
- Do not direct water onto the control box or other electrical components.
- Use only genuine Novaspray replacement parts.
- Disconnect machine from power when moving.
- Before working on the driveshaft or pump components, disconnect power supply.
- Depressurize product hose before disconnecting. This is done by running the machine in reverse for several seconds.
- Safety goggles must be worn when attempting to clear blocked hoses. Direct product hose away from yourself and keep other people clear of the machine and lines.
- Never place hands or tools near the operating components while the drive motor is connected.

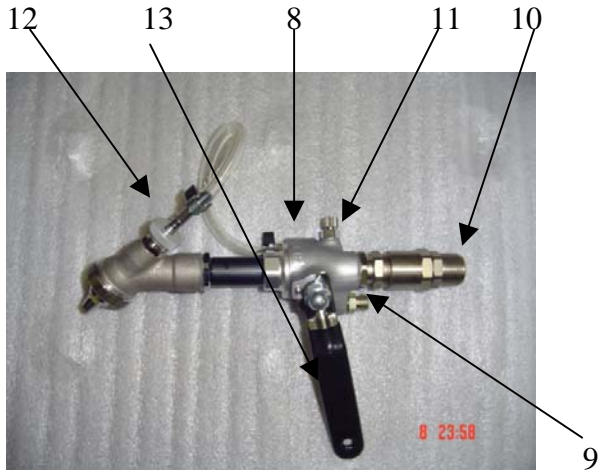
Machine Description

- 1) Power Switch
- 2) Material Hopper
- 3) Pump
- 4) Variable Speed Control Box
- 5) Pneumatic Air Pressure Control
- 6) Remote Variable Speed Controller¹
- 7) Air Regulator and Air Connection Point



Spray Gun

- 8) Spray gun
- 9) Air connection
- 10) Product Hose Connection
- 11) Air Regulator
- 12) Air Nozzle
- 13) Control Handle



¹ Remote Variable Speed Controller



Setting up the Machine

- 1) Connect the product hose to pump.
- 2) Fill Hopper with approximately 20 litres of soapy water.
- 3) Connect to power supply.
- 4) Connect the Remote Variable Speed Control¹.
- 5) Select forward and turn up to the speed 10 via R.V.S.C¹.
- 6) Allow the soapy water to lubricate the hose, Gun to be lubricated separately. Be sure there are no kinks in the hose and the soapy water is in contact with the hose top and bottom for proper lubrication
- 7) Add the product; pump the product up the hose and back in the hopper ensuring no blockages or air bubbles.
- 8) Connect the air hose straight from the compressor to the spray gun.
- 9) Connect product hose to the gun.
- 10) Increase the air at the gun and set the R.V.S.C² to suit required finish. (I.E. More air finer finish)
- 11) Gun control handle must be in open position prior to starting pump in forward via R.V.S.C^{1 2}
- 12) If the R.V.S.C¹ is not required for adjustment when spraying the pneumatic control may be used – see point 13
- 13) Attach the air hose from the compressor to the inlet of the pneumatic switch, connect gun air supply to pneumatic outlet.
- 14) The switch is set at 40 psi for higher pressure is required call the manufacture for resetting instructions.
- 15) When spraying, spray in a circular motion overlapping for best results
- 16) To shut down pump ensure pump is stopped via R.S.V.C¹ prior to the control handle being placed in closed position²

² Remote Variable Speed controller

² Failure to Adhere to this point may result in hose blow out



Special Notes

Depending on the product being sprayed, the machine may need to be cleaned in between breaks.

I.E. the product will set in the hose

Cleaning

- 1) Disconnect the product hose from pump.
- 2) Hose out material hopper.
- 3) Disconnect spray gun and hose clean.
- 4) Spray gun with water displacement lubricant.
- 5) Run a garden hose turned on up the centre of the product hose till clean.
- 6) Disconnect pump make sure no product is left in pump.
- 7) Reassemble pump ensuring worm drive is lubricated using rubber grease.