



Operation Instructions

Application Spray Trailer

***Refer to Operating Manual and Safe Work Procedures**

To ensure your own safety, you must comply with all relevant traffic regulations and laws, environmental and workplace health and safety legislation and codes of practice.

Trailer Hitching

Before hitching the trailer to the transport vehicle, consult the vehicle's operating manual for the correct and safe towing procedure.

Check that the transport vehicle is safe before use and where applicable check the wheel nuts, tyre pressure and condition, bearings and tow hitch are in a serviced condition.

If possible, always hitch and detach trailers on flat ground.

Ensure that the trailer is stable before hitching, use a chock to improve stability if required.

Hitch the trailer by winding the jockey wheel until the trailer coupling is above the tow ball on the vehicle.

Align and then lower the trailer onto the tow ball and secure the coupling to the tow ball.

Attach the safety chains by creating a cross over from the trailer to the tow vehicle under the coupling and connect the plug. Release the hand brake.

Move the jockey wheel into the horizontal position.

Check the operation of lights and reflectors ensuring that they are in working order.

When **travelling on the road, ensure the fuel on the pump motor on the trailer unit is turned off.**
Failure to comply will potentially flood the engine with fuel.

When detaching the trailer, complete the trailer hitch procedure in reverse, ensuring that the trailer hand brake is engaged before detaching.

Before Use

Check all hoses, connections, and hose clamps to ensure that the unit is in a safe working condition.

Prepare the engine and pump for use as per the operating manual. Ensure that the correct fuel and oil is used.

Mixing and Filling

ONLY RECOMMENDED VITAL CHEMICAL PRODUCTS SHOULD BE SPRAYED FROM THIS TRAILER UNIT.

The following steps are given as a guide for mixing and filling the trailer unit. You should refer to the recommended product mixing and application rates for the specific site.

Wear appropriate Personal Protective Equipment in accordance with the Safety Data Sheet of the Vital Chemical product which you intend on using, and your own safe work practices.



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Remove the lid from the front wash tank on the trailer unit and fill the tank with water. This will be required to clean the tank and equipment after the application.

Open the lid on top of the main trailer unit. Half-fill the main spray tank with water through the top of the tank. Alternatively, use the 1-inch hose on the side of the unit from an appropriate water source if this option is available on the unit. Close the lid.

Turn on the fuel and choke. Pull the starter and once the motor starts, turn the choke off.

Allow the machine to warm up.

The bypass lever should be in the open position on start up before use.

Measure the correct quantity of Vital Chemical product and decant the product into the spray tank while still agitating.

Open the agitator valve one quarter of a turn to aid with the mixing of the product with water. Turn the pressure control lever into the "run" position to begin recirculation. Close the valve after the product has been mixed.

Top up the spray tank with clean water from an appropriate water source to the required level via the opening on the top of the main trailer unit, or via the 1-inch hose on the side of the unit and then close the lid.

Deploy the trailer to the application area and commence application.

Operation (Two-person)

Unlock the hose reel to allow the hose to be pulled out completely. (Ensure that one person is holding the hose nozzle while it is in operation).

Switch the valve on the hose reel to the "on" position.

Adjust the nozzle to the desired spray pattern (if this is applicable to the application).

To commence spraying, ensure that the bypass lever is in the "run" position then commence spraying the product as recommended.

Increase the engine speed and adjust the bypass lever to reduce the pressure if required. **(Do not adjust the pressure at the pump)**

When the application is complete and the tank is empty, switch the valve on the suction hose to "flush" to allow water from the wash tank to flow through and continue pumping until the water is clear. **Ensure that the pump is switched off and that hoses and fittings are fully flushed after every use.**

Turn the engine off and ensure the fuel is off, rewind the hose onto the reel and lock the reel and nozzle to prevent unwinding.

Ensure that the external body of trailer unit is cleaned down appropriately and is well maintained to avoid deterioration.