

OPERATING INSTRUCTIONS

SAFETY

- i Water at high pressure is dangerous and can cause serious injury. This machine is to be used with caution.
- ii Petrol is extremely flammable and explosive under certain conditions. **EXHAUST FUMES CONTAIN CARBON MONOXIDE** - Inhalation of such fumes can kill.
- iii Diesel is flammable and harmful if swallowed.
 - a. **Always** refuel in an area which is adequately ventilated.
 - b. **DO NOT** smoke when refuelling.
 - c. Avoid overfilling.
 - d. Should fuel be spilt, wipe off any fuel spilt on the machine or engine.
 - e. Move the equipment away from the area where fuel has been spilt.
 - f. **DO NOT** refuel when the engine is running.
 - g. **DO NOT** run the engine in an area which has a hazardous or explosive atmosphere.
 - h. Always ensure that the fuel cap is secure after refuelling.
 - i. Keep the engine at least 3 metres or more away from any other equipment or building.
 - j. Take care not to get fuel on your clothing. If this happens - **CHANGE** your clothing **IMMEDIATELY**.
DO NOT start an engine when clothing has been contaminated with fuel.
 - k. Use only approved type containers for fuel. **DO NOT** stand them out in strong sunlight, keep them in the shade.

- l. Always ensure that there is a suitable type fire extinguisher available and is within easy access.
- m. **DO NOT** leave an engine running unattended, **ALWAYS STOP** it before leaving the area.
- n. **NEVER** point the high pressure spray jet at any person, animal, glass or other material which may shatter.
- o. **PREVENT** any over-spray from injuring other people or damaging property.
- p. **DO NOT** even try to use a pressure washer on machinery or electrical equipment that is connected in any way to the mains supply (**ALL** switches in the **OFF** position, pull out plugs, if possible remove fuses.) Cover or seal electric mains supply, check for water penetration.
- q. **DO ALL** you can to keep plugs and sockets in a dry place or covered to prevent entry of water.
- r. **ALWAYS** when using this machine :-
 - wear safety goggles and helmet with a visor.
 - wear waterproof clothing and gloves.
 - take particular care with detergents and chemicals.
- s. **NEVER** attempt to disconnect any hose with pressure in it or allow the hose to be flattened or kinked.
- t. **DO NOT** use a high pressure hose from a ladder. Use a platform tower or proper scaffolding.
- u. Should the equipment fail to operate, **DO NOT** attempt to rectify or repair, but contact the nearest Service Centre for advice.

PREPARATION

Water Supply :

- a. Ensure there is an adequate water supply either from the mains or a reservoir.
- b. Attach water supply hoses to suitable tap or immerse the suction hose with approved suction filter into the reservoir.

NOTE: ONLY CLEAN WATER SHOULD BE USED. THE PUMP MAY BE DAMAGED IF DIRTY OR CONTAMINATED WATER IS ALLOWED TO PASS THROUGH THE PUMP.

2 Hoses : Low pressure inlet.

For models up to 13 litres per minute use 1/2" bore suction hose or feed pipe.
For models from 13 litres to 24 litres per minute use 3/4" bore suction hose or feed pipe.

Hoses: High pressure outlet.

For all models use 3/8" RIT or R2T hoses.

- a. Check the condition of the "O" rings in the ends of the hose.
- b. Attach the spray gun to opposite end of the high pressure hose.

OPERATION

- a. Turn on the water supply.
- b. Start the engine.
- c. Direct lance on to surface to be cleaned. Press the lance trigger.
- d. Adjust pressure regulator as required to obtain working pressure if required.
- e. **NOTE :** The high pressure water will cause the gun to "kick". Make sure you have a firm grip of the gun and lance.

- f. On completion of operation stop the engine.
- g. Operate lance trigger.
- h. Turn “ OFF “ WATER SUPPLY.
- i. Release residual pressure in gun and lance by operating trigger.

When using Cleaning Agents:

- a. Set machine up as for water only.
- b. Connect detergent hose to machine and place filter end into detergent reservoir.
- c. On completion of work, flush through hose and gun with clean water to remove any residual detergent.

**NOTE: CHEMICAL PICKUP ONLY OPERATES AT PRESSURES BELOW 250PSI.
OPEN LANCE VALVE FULLY TO OBTAIN THIS PRESSURE.**