

# **YR4000.ARTIGX.1000 and YR4000.ARTIGX.1000DS OPERATOR AND RISK ASSESSMENT GUIDE**

Please read carefully before operating the equipment.

## **SCOPE**

Our aim is to help ensure people at work (and any other personnel) are protected against health and safety risks associated with the use of the plant detailed within this report. Possible hazards and risks are to be assessed with respect to the use of the plant on any job site and control measures need to be incorporated prior to the plants use to maximize safety. For each identified risk, the designed control measures have been implemented to reduce these risks as far as practicable. Any residual risks and their required control measures, can be found on the plant safety decals and in the operator's, service and safety manuals.

## **PERSONAL PROTECTIVE EQUIPMENT**

PPE should be worn at all times when operating and/or cleaning equipment. The following is recommended.

- Hearing Protection
- Protective Gloves
- Safety Glasses
- Overalls
- Safety Boots

## **BEFORE STARTING**

Please complete the following checks before operating the unit.

- Make sure unit secured onto the vehicle correctly.
- If the unit is not on level ground or secured onto a vehicle ensure the wheels are chocked and secured to prevent any unplanned movement
- Carry out pre engine start checks as per operator manual.
- Check fuel, air filter and starter condition. Ensure stop switch works and cuts operation.
- Check oil on engine and pump. Ensure there are no leaks.
- Ensure water tank level is sufficient and water connections are in good order.
- DS model- ensure sprayers are not damaged or blocked.
- Never operate the machine without its protective devices.
- Carry out trailer checks as per trailer requirements.
- Do not leave the unit running unattended. If unit is not required please switch it off.
- Ensure correct orientation is selected for either sprayers or pressure washer.

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## **TO START:**

- Ensure all personnel in the vicinity are aware of start-up.
- Ensure water connections are working and are connected.
- Check high pressure hoses are connected and not restricted.
- Turn on/off switch to on position
- Turn fuel tap on
- Turn choke on or check auto choke is working
- Turn the key switch and check engine turns freely and starts.
- Allow unit to warm up before putting on full load.
- Ensure the pressure gauge is registering correctly
- Depress the water blaster wand to start power washing, cautious of your surroundings
- DS model – once ball cock is moved into position start moving the vehicle at the preferred speed to start dust suppression application.

## **WEEKLY CHECKS**

Please complete the following checks weekly

- Clean air filter on models
- Check oil levels on pump and engine
- Check water tank is clean and clear of any debris
- Check in-line water filter
- Being a towable unit, all fasteners to be checked on a regular basis.

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## GENERAL RISKS

Activity: What is the hazard?	Harm: Who or what?	Controls
High pressure water system	Operator and /or bystanders	Ensure all water fittings are tight and secure
Injury from moving parts.	Operator and /or bystanders	Ensure no loose clothing and hands are kept away from moving parts.
Hot engine.	Operator and /or bystanders	Allow engine and pump to cool down before undertaking any work or repairs.
Mobile plant.	Operator and /or bystanders	Full PPE to be used. Always advise bystanders etc of intended movement when using the DS application.
High pressure hoses and supply hoses on reels.	Operator	Always take caution when job is complete and rolling up and securing the hoses. When rolling up hoses, there is a combined weight of consider and not to induce strains.