

RH918 OPERATING INSTRUCTIONS

- 1) Familiarise yourself with the rotary hoe and its controls.
- 2) Free Wheel Hub Feature -Operation: Pull one free wheeling pin slightly, using the split ring rotate the pin until the 3mm (1/8") diameter roll pin aligns with the slot in the mounting plate. Allow the pin to slide through the slot. Repeat for the other wheel. Roll the Rotary Hoe until each pin drops into a hole in the hub. The wheel hubs are now locked. Reverse the procedure to unlock the wheels.

3)  Remove the rotary hoe from its trailer. Use caution.

4) **Safety Clutch Lever** is located on the left handle bar (from rear) of the machine. The machine will not operate unless this lever is pressed up against the handle grip. When the lever is released, both wheels and tynes stop.

5) **Wheel Drive Control lever** - Select Forward or Reverse to control the direction (not the speed) of the wheels. When the control is in Neutral, the wheels are locked. For your safety the reverse lockout feature prevents the tynes from rotating when the Wheel Drive is in Reverse.

6) **Speed Control lever** - The wheel speed is variable when the Wheel Drive Control Lever is in either Forward or Reverse. The further forward the speed Control, the faster the Rotary Hoe will travel. The faster speed is designed only for transport. Use a slow speed for rotary hoeing and to adjust for soil conditions.

7) **Tyne Control Lever** - The tynes operate at a constant speed. The tyne drive lever must be moved forward or reverse when hoeing. If an object becomes lodged in the tynes, put wheel Drive Control Lever in neutral and change tyne direction to dislodge it.

8) **STARTING THE ENGINE:**

- a. Move the fuel valve lever to ON position.
- b. To start a cold engine, move the choke lever or choke rod (applicable types) to the CLOSED position. To restart a warm engine, leave the choke lever or choke rod in the OPEN position.

c. Move the throttle lever away from the MIN position, about 1/3 of the way toward the MAX position.

d. Turning the engine switch to the ON position.

RECOIL STARTER
Pull the starter grip lightly until you feel resistance, then pull briskly. Return the starter grip gently.



9) **ROTARY HOE OPERATION**
In most soil conditions, the depth bar can be set with the pin in the third hole from the top.

- A. Begin with the Wheel Speed Control all the way back (toward the operator)
- B. Wheel Drive Control Lever in forward
- C. Tyne Drive Control Lever in forward or reverse
- D. Squeeze the Safety Clutch Lever
- E. Adjust the Speed Control forward until a suitable speed is obtained based on soil conditions. Under most conditions, at least two passes must be made. To increase depth, move the depth bar up one hole at a time.

10) Never run the machine in reverse while the tynes are rotating. Always move the tyne control lever to Neutral before reversing the wheels.

11) **To prevent injuries from rotating tynes, KEEP REAR TYNE COVER CLOSED and MACHINE LEVEL while tynes are operating.**

12)  **WARNING! - OPERATE ROTARY HOE ON LEVEL GROUND ONLY.**

13)  **WARNING! - DO NOT LEAVE ROTARY HOE UNATTENDED WITH ENGINE RUNNING.**

14)  **WARNING! - KEEP HANDS AND FEET CLEAR OF TYNES AT ALL TIMES!**

15) **STOPPING THE ENGINE:**

Shut off switch on console should be used, not shut off switch on engine.

- a. Move the throttle lever to the MIN position. Some engine applications use a remote-mounted throttle control rather than the engine-mounted lever shown here
- b. Turn the engine switch to the OFF position.
- c. Turn the fuel valve lever to the OFF position.

AFTER USE

- 1) Turn fuel tap to "OFF" position.
- 2) Allow machine to cool down. Wash mud and dirt off of the rotary hoe. Ensure no water enters the carburettor.
- 3) Remove any weeds, wire, rope, etc that may have wrapped around the knives and rotor assembly.

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SAFETY PRECAUTIONS AND OPERATING INSTRUCTIONS



RH918 ROTARY HOE

REDROO.com
Commercial Environmental Equipment

Online Demonstration Available at:
www.redroo.com/products/rotaryhoe

SAFETY INSTRUCTIONS FOR RH918 USERS

USE COMMON SENSE AND PLENTY OF IT

- 1) **DO NOT** allow any person operate the rotary hoe without first reading and understanding the safety instructions and operating instructions.

KNOW THE CONTROLS AND HOW TO STOP THE ROTARY HOE QUICKLY IN AN EMERGENCY.

- 2) **NEVER** allow children to operate the rotary hoe.
- 3) **ALWAYS** wear protective clothing when operating the rotary hoe. This includes, but is not limited to; safety glasses, loose fitting gloves, steel capped boots and hearing protection. **NEVER** wear loose fitting clothing or jewellery when operating the rotary hoe. Keep all clothing away from moving parts. Items could become caught in the machine, resulting in injury.

- 4) **ALWAYS** use the rotary hoe in a well lighted area.

- 5) **MAXIMUM ANGLE OF OPERATION DO NOT EXCEED 15° ANGLE**

ALWAYS operate the rotary hoe on level ground only. Police the area before rotary hoeing. Remove any foreign objects in the digging area - bricks, rocks, wire and sticks. Locate and mark any sprinkler heads, water pipes, gas lines, electrical and telephone cables or any other hazard either below or above ground.

- 6) **DO NOT** allow other persons near the rotary hoe. It is up to the operator to keep bystanders and animals a minimum of 6 metres (20') away from the machine while in operation.

- 7) **NEVER** operate the rotary hoe when fatigued. **ALWAYS BE ALERT!** If you get tired while operating the rotary hoe, take a break. If you have any type of physical or mental condition that may be aggravated by strenuous work, consult with your physician before you operate this equipment. **NEVER** operate the rotary hoe under the influence of medication, alcohol or drugs.

ALWAYS KEEP YOUR HANDS, FEET AND BODY AWAY FROM THE DIGGING ZONE WHILE ENGINE IS RUNNING.

- 8) **ALWAYS** make certain the Tyne Control Lever is set at neutral while loading and unloading the rotary hoe, or moving to and away from working area.

- 9) **NEVER** run the machine in reverse while the tynes are rotating. Always move the tyne control lever to "OFF" before reversing the wheels.

- 10) **NEVER** operate the unit without the safety guards in place and in working order. Keep the unit well maintained and in good working order.

- 11) **DO NOT** leave the machine unattended while the engine is running.

- 12) **DO NOT** overspeed the engine or alter the governor settings. Excessive speed is dangerous and will shorten engine life.

- 13) **NEVER** operate the rotary hoe in an enclosed area. Engine exhaust contains carbon monoxide, an odourless and tasteless poison.

- 14) **STOP** the engine and disconnect the spark plug lead(s) and allow engine to cool before inspecting or performing maintenance on the rotary hoe.

- 15) **REFUELLING**
 * Shut off the engine. **DO NOT REFUEL AN ENGINE WHILE OPERATING!**
 * Allow engine to cool. Minimum 5 minutes
 * **USE UNLEADED FUEL ONLY.**
 Use clean, fresh unleaded fuel.
 * **Do not mix oil with unleaded fuel.**
 * Do not over-fill fuel tank. Allow space for fuel expansion.
 * Do not smoke.
 * Allow no naked flame or hot material in refuelling area.
 * Use only approved fuel containers and funnels.
 Remember, fuel is a potential hazard

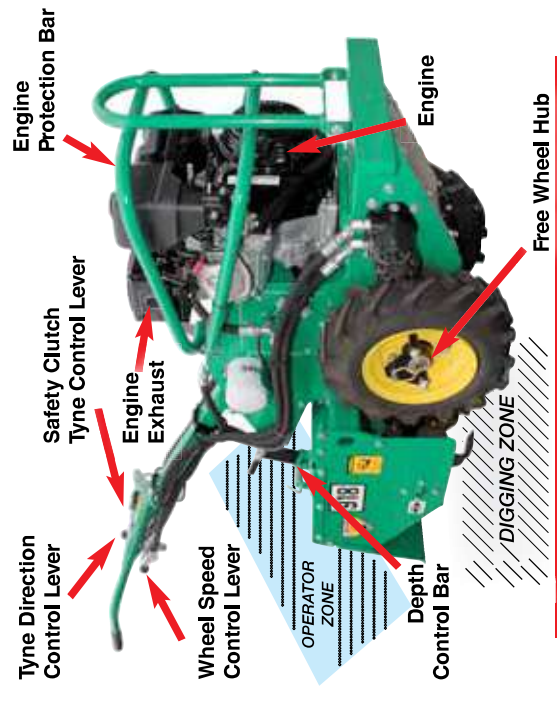
safety
IS EVERYBODY'S BUSINESS

...NOW

You alone know the operational demands and special conditions affecting the equipment in your situation and therefore assume the responsibility for developing, carrying out, and enforcing the safety concepts which apply to your own operation to effect the greatest safety for yourself and the people around you.



“STAY ALERT – DON’T GET HURT”



OPERATING INSTRUCTIONS

TRANSPORT

Be sure Tyne Control Lever is set to "Neutral" while loading and unloading the rotary hoe and when moving to or from jobsite.

BEFORE USE

- 1) Ensure that all grass and weeds have been cut as low as possible.
- 2) If the rotary hoe is to be used in clay or hard ground conditions, it is recommended to water the area thoroughly and allow sufficient time for earth to soften.
- 3) Police the area. Remove any foreign objects from the area.
- 4) Identify and mark the location of sprinkler heads, gas pipes, telephone cables etc.