

Stump grinder (SH 400)

(Guide only)

BEFORE USE

1. Read and understand the hazard assessment sheet and safety precaution sheet.
2. Inspect the immediate area and remove any foreign objects from the area.
3. Identify and mark the location of sprinkler heads, gas pipes, telephone cables, electrical cables, etc.
4. Check the fuel level, oil level and air filter before starting the machine.
5. Do not exceed an operation angle greater than 15°. Make sure that the oil in the crankcase is at the top level before starting. **USE EXTREME CARE WHEN OPERATING THIS MACHINE ON AN ANGLE.**



Stay alert, don't get hurt

OPERATING INSTRUCTIONS

1. Remove the stump grinder from its trailer / carrier. **Always use caution.**
2. Familiarise yourself with the stump grinder and its controls. Learn where all engine controls are and be prepared to stop this machine quickly in case of emergency.
3. **PPE (PERSONAL PROTECTIVE EQUIPMENT) IS MANDATORY FOR OPERATING THIS MACHINE.** Wear safety glasses or helmet and visor combination, loose fitting gloves, hearing protection and steel capped boots when operating the stump grinder.
4. Move choke control to 'CHOKE' or 'START' position. **NOTE: CHOKE MUST FULLY CLOSE. MOVE THROTTLE CONTROL TO 'RUN' OR 'FAST' POSITION. TURN KEY TO 'ON' POSITION. START MACHINE. CHOKE CONTROL SHOULD ONLY BE USED FOR COLD STARTS.**
5. Manoeuvre the stump grinder to the area where the stump is to be removed. This can be done by pushing the stump grinder.
6. Position the stump grinder so that the grinding disc is just over the front edge of the stump.
7. Release the spring loaded pin located behind and at the base of the handle bar. This is the handle release pin. Place the handle bar into the position that best suits the operator and secure the locking pin.
8. Release the spring loaded swivel locking pin located on the main body right behind the engine. This is the main body release pin. This will allow the stump grinder to pivot over centre.
9. You should now be in position at the stump and ready to start grinding. Slowly increase the operating RPM of the engine to approximately 2000. This will engage the grinding disc. **MAKE SURE THAT THE GRINDING DISC DOES NOT MAKE CONTACT WITH THE STUMP BEFORE ENGAGING THE CLUTCH.** Operate the engine at maximum RPM.
10. Slowly lower the stump grinder until the grinding disc comes in contact with the stump. Pivot, slew or oscillate the stump grinder from left to right in a long, slow sweeping motion. Maintain the same elevation until the front section of the stump has been removed, then move the machine forward, lower the stump grinder and repeat the process to remove the next section.

NOTE: The constant build up of grinding debris may inhibit the stump grinder from performing effectively. To help ensure safe, effective and efficient working results, keep the working area raked level and free of grinding debris. ALWAYS USE A RAKE.

MAKE SURE GRINDING DISC HAS STOPPED COMPLETELY BEFORE CLEARING DEBRIS.

11. After the front part of the stump has been removed continue to advance the stump grinder forward, repeating the left to right motion until the entire stump has been removed. **ALWAYS BE ALERT TO FOREIGN OBJECTS THAT ARE BURIED IN THE STUMP: WIRE, PIPE, STAR PICKETS OR METAL STAKES.**
NOTE: FOR BETTER PERFORMANCE AND TO AVOID EXCESSIVE CLUTCH WEAR, OPERATE THE ENGINE AT FULL THROTTLE DURING OPERATION.
WARNING: KEEP HANDS AND FEET CLEAR OF THE GRINDING ZONE AND OTHER MOVING PARTS WHILE THE ENGINE IS RUNNING.
12. **DO NOT LEAVE THE MACHINE RUNNING UNATTENDED WHILE THE ENGINE IS RUNNING.**
13. After the stump has been removed use the throttle control to gradually decrease the engine RPMs. Make sure that the grinding disc has come to a complete stop before moving the stump grinder.
14. **STOP ENGINE:** Do not move the choke control to the 'CHOKE' position to stop the engine as backfire or engine damage may occur.
15. Move the throttle control to the 'SLOW' position.
16. Turn the key to the 'OFF' position and allow the engine to cool down.

AFTER USE

1. Allow the machine to cool down.
2. Keep the machine clean using warm, soapy water. Make sure that no water enters the carburetor.
3. Remove any weeds, wire, rope, etc. that may have wrapped around the disc grinding shaft assembly.

SAFETY IS EVERYBODY'S BUSINESS

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.

Online demonstration available at www.redroo.com/products/stumpgrinder

MANDATORY PERSONAL PROTECTIVE EQUIPMENT



TROUBLESHOOTING

Problem	Possible solution

Do not under any circumstances attempt any repairs. Please call your local Hiredepot branch for assistance.

This operating and safety brochure is intended as a guide only for the safe operation of this equipment. It does not override license requirements nor is it a substitute for structured operating lesson. If you are unsure about any aspect of the equipment, its capabilities or the correct usage, please call our trained staff for instruction or any questions you may have regarding the safe operation of this equipment.

When service matters.
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