

RED ROO STUMP GRINDER

SAFETY/RISK/HAZARD ASSESSMENT

PLANT INFORMATION

NHG Ref/Part No.

STUMPGRIND

Plant Name:

Red Roo Stump Grinder

Potential Noise Level in Db:

Required hearing protection class:

Operator Competency:

Plant Licence Not Required



Protective
equipment
must be worn
when operating
this machine



RISK ASSESSMENT INFORMATION

Potential Hazard(s)

Injury from contact with moving parts

Risk Level	High
Control Measures	All users should familiarise themselves with the safe operation and emergency shutdown procedures of the equipment. Exclude non-essential persons from work area. Position the machine on level ground and chock wheels if required. Ensure machine is positioned away from steep slopes that may alter the feed in height, thus affecting the operation of the safety bar. Ensure all loose clothing, body parts, hair and equipment such as ropes are kept well clear of the operating machine. Do not remove guards or covers. Keep hands, feet and body from the cutting area while engine is running.

Hearing Damage

Risk Level	Medium/High
Control Measures	Hearing protection must be worn. Note warning label on unit.

Explosion or fire from fuel vapours

Risk Level	Medium
Control Measures	Stop engine before refuelling. Do not refuel while hot. Avoid spillage of fuel when refuelling. Ensure the fuel cap is properly secured after refuelling. Carry out visual checks for fuel leaks and repair before operation. Keep flammables away from the engine. Do not smoke while operating, servicing or refuelling this machine.

Injury or ill health due to exposure to exhaust or fuel fumes

Risk Level	Medium
Control Measures	Do not operate in confined space. Use in well ventilated area, preferably with fume extraction ventilation. Avoid breathing or coming into contact with fuel.

Exposure to ultraviolet radiation if working outdoors

Risk Level	Medium
Control Measures	Wear sunscreen, hat, long sleeves and long pants.

Burn hazard

Risk Level Medium/Low

Control Measures Wear protective clothing during operation. Avoid contact with hot components.
Never operate the engine with heat shields removed.

Manual handling hazard

Risk Level Medium

Control Measures Take care when transporting.
Two people are required to lift and transport the machine.

KEY OPERATING INSTRUCTIONS

To start machine

1. **IGNITION** Must be in **ON** position to start.
2. Open fuel shut – off valve. Move choke control to **CHOKE** or **START** position. **Note:** - Choke must fully close. Move throttle control to **RUN** or **FAST** position. If engine is equipped with rocker style stop switch, push **RUN** or **I** (Ignition) before starting. Rewind starter – grasp rope handle and pull slowly until resistance is felt to prevent kickback. Then pull chord rapidly to overcome compression, and start engine. Repeat if necessary with choke off and throttle control in **FAST** position.
3. Push the stump grinder to the stump, position the grinding disc over the front edge of the stump.
4. Set the wheel brake on the right hand side of the stump grinder and adjust the handle position to achieve better leverage depending on the height of the stump.
5. Use the throttle to gradually bring the engine RPMs up to full **while lifting the grinding disc off the ground.**
6. Slowly lower the stump grinder until the grinding disc comes in contact with the stump. Move the stump grinder back and forth in a long, slow sweeping motion. Maintain the same elevation until a section has been removed, then lower the stump grinder to take out the next section.
7. When the front part of the stump has been removed, release the brake and push the stump grinder forward to a new edge. **Note:-** For better performance and to avoid excessive clutch wear, run the engine at full throttle during operation.
8. After stump has been removed use the throttle to gradually bring down the engine RPMs. **Make sure the grinding disc has come to a complete stop before moving the stump grinder.**
9. **Stop engine:** Do not move choke control to CHOKE position to stop engine. Backfire or engine damage may occur. Move throttle control to SLOW position, then push rocker switch to 0 (STOP), or turn key to OFF, if equipped.

After use

1. Turn fuel tap to “OFF” position.
2. Allow machine to cool down. Wash mud and dirt off the stump grinder. Ensure no water enters the carburettor.
3. Remove any weeds, wire, rope, etc. that may have wrapped around the disc grinding shaft assembly.

**Please refer to the User Guide and Operators Manual
for detailed Operating Instructions**

The safety information contained in this assessment is general information only and should not be relied upon as a substitute for professional advice or tuition, which the hirer should seek before operating.