


# OPERATING INSTRUCTIONS FOR SG350

- 3) **PPE (PERSONAL PROTECTION EQUIPMENT) IS MANDATORY BEFORE OPERATING THIS MACHINE:** Wear safety glasses or helmet and visor combination, loose fitting gloves, hearing protection, and steel caps boots when operating this machine.
- 4) **IGNITION:** Must be in "ON" position to start. "OFF" to stop. Hold/Depress down the operator presence (OPC) bar before starting/cranking the engine. The OPC bar is designed as a safety feature. The engine will not start or operate without holding down/depressing the OPC bar. See figure 1. **NEVER DISABLE THIS SAFETY FEATURE.**
- 5)  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 switch, push RUN or I (I = Ignition) before starting. Rewind Starter.  
Grasp the Engine Pull Cord and pull slowly until resistance is felt to prevent kickback. Then pull cord rapidly to overcome compression, and start engine. Repeat if necessary with choke off and throttle control in FAST position. Operate engine in FAST position. (Maximum rpm's)
- 6) Push the stump grinder to the stump, position the grinding disc over the front edge of the stump.
- 7) 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.
- 8) Use the throttle to gradually bring the engine RPM's up to full **while lifting the grinding disc off the ground.**
- 9) Slowly lower the stump grinder until the grinding disc comes in contact with the stump. Move the stump grinder back and forth in a slow sweeping motion.
- 10) Maintain the same elevation until a section has been removed. When the front part of the stump has been removed, release the brake and push the stump grinder forward to a new edge.



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

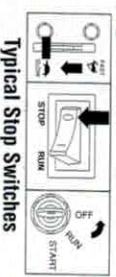
NOTE: MAKE SURE GRINDING DISC HAS STOPPED COMPLETELY BEFORE REMOVING OR CLEARING DEBRIS

NOTE: For better performance and to avoid excessive clutch wear, run the engine at full throttle during operation.

**WARNING!** – Keep hands and feet clear of the Grinding Disc and grinding zone and other moving parts while engine is running.

**WARNING!** – In case of difficulty, release the Operator Presence Control Bar. This action will stop the engine. See figure 1.

- 11) After stump has been removed use the throttle to gradually bring down the engine RPM's. Make sure the grinding disc has come to a complete stop before moving the stump grinder.
- 12) 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 of the stump grinder. Ensure no water enters the carburetor.
- 3) Remove any weeds, wire, rope, etc. that may have wrapped around the disc grinding shaft assembly.
- 4) **CHECK FOR LOOSE BOLTS ON THE GRINDING DISC. ALWAYS US SHARP TEETH.**

**RED ROO**<sup>TM</sup>

**SAFETY PRECAUTIONS AND OPERATING INSTRUCTIONS**



**SG350 STUMP GRINDER**

**REDROO.com**  
Commercial Environmental Equipment

Online Demonstration Available at:  
[www.redroo.com/products/stumpgrinder](http://www.redroo.com/products/stumpgrinder)

# SAFETY PRECAUTIONS FOR SG350 USERS

## USE COMMON SENSE AND PLENTY OF IT

### OPERATOR MUST BE TRAINED

- 1) **DO NOT** allow any person to operate the stump grinder without first reading and understanding the safety precautions and operating instructions. **KNOW THE CONTROLS AND HOW TO STOP THE STUMP GRINDER QUICKLY IN CASE OF AN EMERGENCY.**
- 2) **NEVER** allow **CHILDREN** or **UNTRAINED ADULTS** to operate the stump grinder.
- 3) **PPE (PERSONAL PROTECTION EQUIPMENT) IS MANDATORY** before operating this machine. **ALWAYS** wear protective clothing when operating the stump grinder. This includes, but not limited to: safety glasses, loose fitting gloves, steel capped boots and hearing protection. Never wear loose fitting clothing or jewelry when operating the stump grinder. Keep all clothing away from moving parts. Clothing could become caught in the machine resulting in injury.
- 4) **ALWAYS** operate the stump grinder in a well-lighted area.
- 5) **NEVER** operate the stump grinder on an angle that exceeds 15° degrees. Keep your work area clear and free of debris.
- 6) **NEVER** operate the stump grinder when fatigued. **ALWAYS BE ALERT!** If you get tired while operating the stump grinder, take a break. If you have any type of physical or mental condition that may be aggravated by strenuous work, check with your physician before you operate this equipment. **NEVER** operate the stump grinder under the influence of medication, alcohol or drugs.
- 7) **DO NOT** allow other adults, children or animals near the stump grinder. **IT IS THE RESPONSIBILITY OF THE OPERATOR** to keep bystanders and animals a minimum of 6 metres (18ft) away from the stump grinder while in operation.
- 8) **ALWAYS KEEP YOUR HANDS, FEET AND BODY AWAY FROM THE GRINDING AREA WHILE THE ENGINE IS RUNNING.**



**NEVER** operate the stump grinder without the safety guards in place and in working order. Keep the unit well maintained and in good working order



**WARNING!** – In case of difficulty, release the Operator Presence Control Bar. This action will stop the engine. See figure 1.

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



**NEVER** operate the stump grinder in an enclosed area. Engine exhaust contains carbon monoxide, an odourless and tasteless poison.



13) **STOP** the engine and disconnect the spark plug lead(s) and allow engine to cool before inspecting or performing maintenance on the stump grinder.



14) **REFUELLING**  
 \* Shut off 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.



**“STAY ALERT – DON’T GET HURT”**

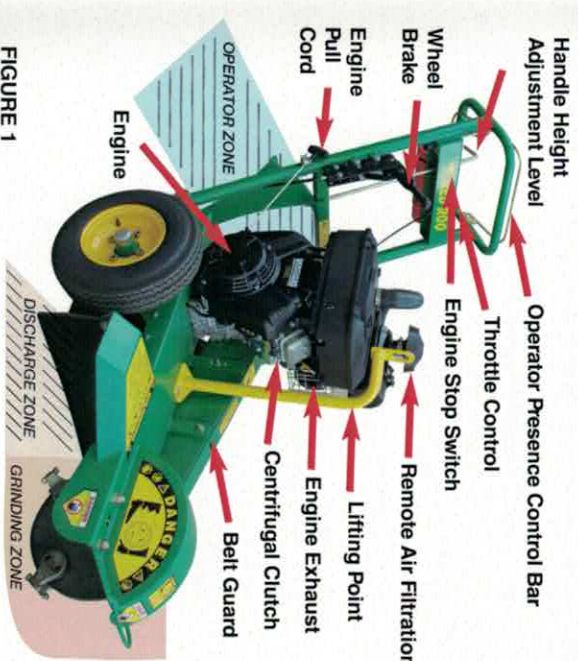


FIGURE 1

## OPERATING INSTRUCTIONS FOR SG350 USERS

### OPERATOR MUST BE TRAINED

#### BEFORE USE

- 1) Inspect the immediate area. Remove any foreign objects from the area.
- 2) Identify and mark the location of sprinkler heads, gas pipes, telephone cables, etc.
- 3) Check the fuel and oil level of engine

#### OPERATION

- 1) Remove the stump grinder from its carrying vehicle, trailer or ute. Use caution.
- 2) Familiarize yourself with the machine and its controls.
- 3) Manoeuvre the stump grinder to area near the stump to be removed.

**safety**

**...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.*