

OPERATING INSTRUCTIONS FOR SG30TRX USERS

- 5) **PARKING BRAKE:** It is located behind the left hand track motor. Move handle **DOWN TO ENGAGE** the brake, and **UP TO DISENGAGE**
- 6) Remove the stump grinder from its carrying vehicle or trailer. **ALWAYS USE CAUTION.**  See starting engine instructions item no.9.
- 7) Familiarize yourself with stump grinder and its controls. Learn where all engine controls are and be prepared to stop this machine quickly in case of emergency.
- 8) **PPE (PERSONAL PROTECTION EQUIPMENT) IS MANDATORY BEFORE OPERATING THIS MACHINE.** Wear safety glasses or helmet and visor combination, loose fitting gloves, hearing protection, hard hat, high visibility safety vest and steel caps boots when operating this machine.
- 9) Move choke control to Choke or Start position: **NOTE: CHOKE MUST FULLY CLOSE. MOVE THROTTLE CONTROL TO RUN. TURN KEY TO "ON" POSITION. START MACHINE. CHOKE CONTROL SHOULD ONLY BE USED FOR COLD STARTS.** Using the track control manoeuvre the stump grinder to the area where the stump is to be removed.
- 10) **TRACK CONTROL: CONTROLS DIRECTION AND SPEED OF TRAVEL.**
 - Two hands to be used when operating track controls.
 - Pushing the control handles forward from the neutral position causes the machine to move forward.
 - Pulling the control handles back from the neutral position causes the machine to move backward.
 - Moving the track control handles farther from the neutral position increases the speed.
 - Steer the machine by moving one track control handle farther than the other handle. This causes the track on one side to rotate at a different speed than the opposite track. Pivot turns can be made by moving one control forward and the other control back.
- 11) Position the stump grinder so that the grinding disc is just over the front edge of the stump.
- 12) **GRINDING DISC CONTROL:** To start the grinding disc, hold down the thumb button on the control handle. Then pull the trigger back. After the grinding disc is started, the thumb button can be released, but the trigger must be held to keep the grinding disc turned on. To raise the cutter head, pull the cutter height control bar back. To lower the cutter head, push the cutter height control forward. The cutter head swings to the left and right by moving the joystick control lever left or right.
- 13) **GRINDING STUMP: Start Grinding disc:** Using the cutter head control lever, slowly swing the grinding disc across the edge of the stump. Adjust cutting depth and swing speed to prevent the engine from losing RPM and to prevent grinding disc from stalling. After the swing is complete, move the grinding disc down a few inches and repeat the cutting swing. Continue making a series of cuts down the edge of the stump until the edge is cut to below ground level or the

teeth are cutting at a depth below half the grinding disc radius. Depending on the diameter of the stump, it may be necessary to move the stump grinder. After cutting the first edge, move the machine forward and repeat the grinding procedure.

NOTE: The constant build up of grinding debris may inhibit the stump grinder from performing effectively. To help insure safe, effective, and efficient working results, keep the working area raked level and free of grinding debris. ALWAYS USE A RAKE. MAKE SURE THE GRINDING DISC HAS STOPPED COMPLETELY BEFORE CLEARING DEBRIS. ALWAYS USE A RAKE.

- 14) 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 OR AROUND THE STUMP: WIRE, PIPE, STAR PICKETS, HORSE SHOES, AUTOMOTIVE PARTS OR METAL STAKES, etc.**
WARNING: KEEP HANDS AND FEET CLEAR OF THE GRINDING ZONE AND OTHER MOVING PARTS WHILE THE ENGINE IS RUNNING.
- 15) **DO NOT LEAVE THE MACHINE UNATTENDED WHILE THE ENGINE IS RUNNING.**
- 16) After the stump has been removed, release the joystick trigger from the grinding disc wheel control, use the throttle control cable to gradually decrease the engine RPMs. **MAKE SURE THAT THE GRINDING DISC HAS COME TO A COMPLETE STOP BEFORE MOVING THE STUMP GRINDER.**
- 17) **STOP ENGINE:** Do not move the choke control to the CHOKE position to stop the engine. Backfire or engine damage may occur.
- 18) Move throttle control cable to the 'slow' position
- 19) Turn the key to the off position and allow the machine 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.
- 4) **Inspect stumpgrinding teeth, rotate if required and tighten nylock nut. Check for loose bolts securing pockets on grinding disc. ALWAYS USE SHARP TEETH.**

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.

 **RED ROO**™

SAFETY PRECAUTIONS AND OPERATING INSTRUCTIONS



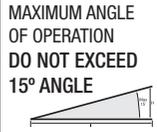
SG30TRX STUMP GRINDER

 **RED ROO.com**
Commercial Environmental Equipment

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

SAFETY PRECAUTIONS FOR SG30TRX 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 IN CASE OF AN EMERGENCY**
- 2) **NEVER** allow **CHILDREN** or **UNTRAINED ADULTS (must be 18 years or older)**, 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, safety face shield, hard hat, high visibility safety vest 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. **Always keep your work area clear and free of debris.** 

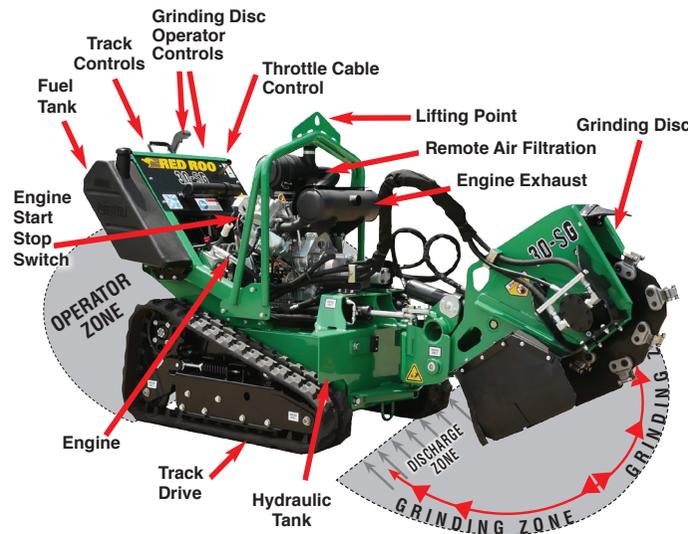
MAXIMUM ANGLE OF OPERATION DO NOT EXCEED 15° ANGLE
- 6)  **NEVER** operate the stump grinder when fatigued. **ALWAYS BE ALERT!** If you get tired while operating the stump grinder take a break. If you have any type of physical or mental condition that may be aggravated by strenuous work, consult with your physician before operating this piece of equipment. **NEVER OPERATE THE STUMP GRINDER UNDER THE INFLUENCE OF MEDICATION, ALCOHOL OR DRUGS.**
- 7)  **USE EXTREME CAUTION** when reversing the stump grinder.
- 8)  **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.

- 9)   **ALWAYS KEEP YOUR HANDS, FEET AND BODY AWAY FROM THE GRINDING ZONE/AREA WHILE THE ENGINE IS RUNNING.** Immediately **STOP THE GRINDING DISC** if a bystander comes to close.
 - 10)  **NEVER** operate the stump grinder without the safety guards in place and in good working order. Always keep the stump grinder well maintained and in good working order
 - 11)  **ALWAYS STOP** the engine immediately if a hydraulic leak occurs. **NEVER** operate this machine with frayed, kinked, cracked or damaged hoses, fittings, or tubing.
 - 12) **DO NOT LEAVE THE STUMP GRINDER UNATTENDED WHILE THE ENGINE IS RUNNING.**
 - 13) **DO NOT** over speed the engine or alter the governor settings. Excessive speed is dangerous and will shorten engine life.
 - 14)  **NEVER OPERATE THE STUMP GRINDER IN AN ENCLOSED AREA.** Engine exhaust contains carbon monoxide, an odourless and tasteless poison that can kill
 - 15)  **STOP** the engine, disconnect the spark plug leads and allow engine to cool before inspecting or performing maintenance
 - 16)  **REFUELLING**
 - * **Shut off engine. DO NOT REFUEL AN ENGINE WHILE OPERATING MACHINE!**
 - * **ALLOW** engine to cool down. 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 FIRE HAZARD/HANDLE WITH CAUTION.**



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”
“Call before you cut”



OPERATING INSTRUCTIONS FOR SG30TRX USERS OPERATOR MUST BE TRAINED BEFORE USE

- 1)    Inspect the immediate area and remove any foreign objects from the area.
- 2)  Identify and mark the location of sprinkler heads, gas pipes, telephone cables, electrical cables, fences, etc.
- 3) Check the fuel level, oil level, air filter and hydraulic fluid level before starting the this machine.
- 4) **ANGLE OF OPERATION.** Do not exceed an operation angle greater than **15 degrees**. Make sure that the oil in the crankcase is at the top level before starting. **USE EXTREME CARE WHEN OPERATING THIS MACHINE ON ANY ANGLE.** 

MAXIMUM ANGLE OF OPERATION DO NOT EXCEED 15° ANGLE