

Wood chipper (C100)

(Guide only)

BEFORE USE

1. **WARNING:** Before starting engine, inspect the intake hopper and remove any foreign debris or branches, sweepings etc.
2. Perform a thorough visual inspection of the woodchipper and the chipper disc drive system.
3. Rotate and set deflection guards to desired direction and angle (refer to Figure 1).
4. Read and understand the Hazard Assessment Sheet.

TRANSPORT

1. **WARNING:** Do not exceed 80km per hour when towing.
2. **WARNING:** Make sure deflection guard is angled fully down and secure before towing (refer to Figure 1).

OPERATING INSTRUCTIONS

1. Familiarise yourself with the woodchipper and its controls.
2. **VERY IMPORTANT:** Wear safety glasses or helmet and visor combination, loose fitting gloves and hearing protection.
3. No foreign objects such as stones, steel, cans, glass, sweepings, wire, rope, nails or bolts should be fed into the chipper chute as damage will occur.
4. Position the machine level and stabilise - to avoid unnecessary vibrations do not operate chipper on concrete or bitumen.
5. Ensure belt drive is disengaged. Open fuel shut-off valve. Pull choke control out (ON) and move throttle to SLOW position. Move stop switch to I (IGNITION) before starting. Grasp rope handle 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 SLOW position. Immediately push choke control in (OFF). Slowly increase engine revs to 1/3 speed. Hold engine engagement handle firmly and gradually lift the lever up and around as far as it will go, to engage the drive. This has to be done slowly to allow the cutting disc to pick up speed. Otherwise the engine will stall due to a high inertia in the cutting disc.
6. Slowly increase engine to full speed and operating temperature. Begin chipping at top speed full throttle and continue to chip at the top speed full throttle.
7. When feeding branches into the chipper, make sure you feed the large end of the branch first. Place the branches into the chipper chute from the operator zone. Branches should not be forced into the chipper chute. If branches are extremely long it is recommended that they be cut into shorter lengths to achieve best results. Note: side branches should be lopped off to avoid clogging the chipper chute. Brush should not be forced into the chipping unit. The chipper should feed itself. If the unit does not feed itself, the knives may be dull or the blade to anvil setting may be incorrect.



Stay alert, don't get hurt

VERY IMPORTANT: Avoid feeding short, stubby pieces of wood into the machine, as they tend to bounce and spin in the inlet chute.

While operating the machine, keep a wooden stick handy, approx. 30mm in diameter and 1 metre long. This will be useful for feeding in short, brushy and very leafy material, and to keep the inlet chute clear.

The chipper can clog up with soft, wet or fibrous materials. However, if you feed soft materials intermittently with branches, there should be no problem, as the woodchips tend to clean out the machine.

CAUTION: If chipper discharge clogs with material or the cutting disc jams, **STOP THE MACHINE IMMEDIATELY.**

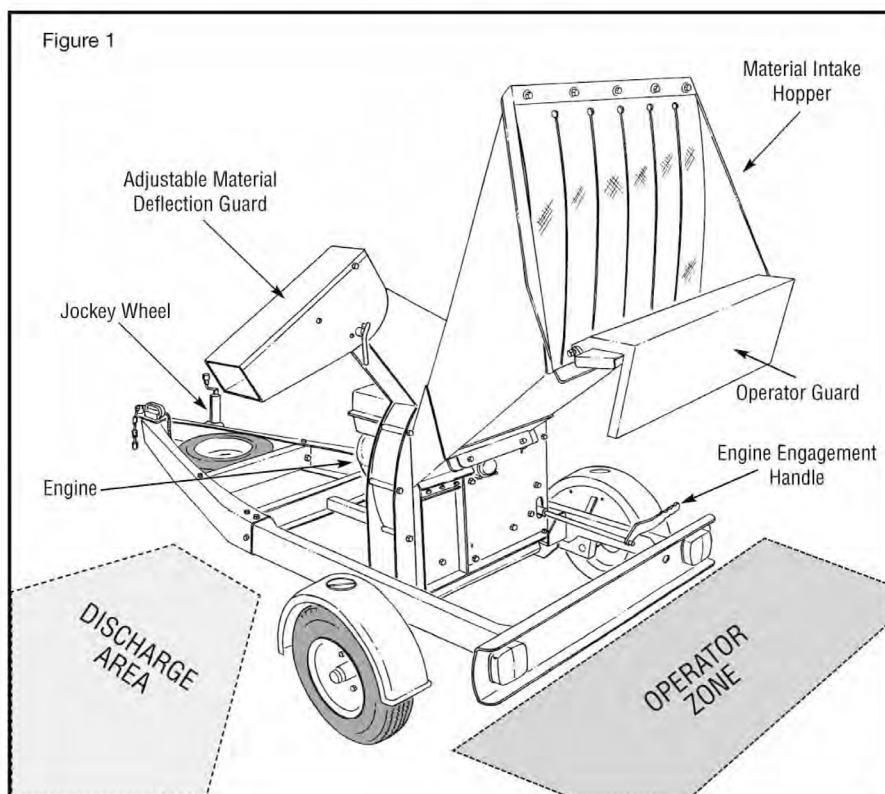
Should it happen that the chipper stalls through overloading or clogging, stop the engine. Ensure that the cutting disc is completely stopped and disengage the belt drive. Unbolt the housing cover. Clear and remove all material from inside the housing. Replace the housing cover, making sure you tighten the bolts. Restart the machine. Call your local depot for instructions if unsure.

8. When unit is in operation, approach chipper from the operator zone side (see Figure 1). **KEEP CLEAR OF DISCHARGE AREA AT ALL TIMES.**
9. The chipping disc will take some time to stop after the engine has been turned off. **WARNING: Do not go near the chipping disc for any reason during this period.**
10. **STOP ENGINE:** Do not move choke control to CHOKE position to stop the engine. Backfire or engine damage may occur. Gradually move throttle control to SLOW position, then push rocker switch to 0 (STOP). Do not disengage the beltdrive with the machine running, as this will cause unnecessary friction and vibration on the beltdrive.

AFTER USE

1. Turn the fuel tap to 'OFF' position.
2. Allow machine to cool down.

Online demonstration available at https://www.redroo.com/commercial_environmental_equipment/chippers_shredders_amp_mulchers/display/2-c100-wood-chipper



MANDATORY PERSONAL PROTECTIVE EQUIPMENT



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.

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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