

## Lawn corer

(Guide only)

### BEFORE USE

1. Read and understand the Hazard Assessment Sheet.
2. Ensure that the engine oil and gear reduction oil levels are at the engine manufacturer's recommended level (refer to engine manual). The machine must be level when filling with oil.
3. The rear wheel control handle must be pulled up so rear wheels are fully down.
4. Insert weights if needed.
5. Check that the handle is properly mounted.
6. Test the clutch handle to ensure that the clutch releases freely.
7. The engine top speed is preset by the engine manufacturer. Consult the engine manufacturer's manual for instructions to adjust the governor and carburetor if the speed is not within correct range.

### AERATING

1. Start engine and adjust throttle setting to provide comfortable walking speed and maintain control of the equipment at all times.
2. Adjust depth control knob to desired depth. Coring depth decreases by turning the knob clockwise. NOTE: raising rear wheels all the way up to obtain maximum coring depth reduces the unit's stability but increases length of core.
3. Push down the rear wheel control handle to lower aerating tines into the ground (rear wheels will rise).
4. Push down on handle bar for better tine penetration and maneuverability (front wheel will rise).
5. Engage clutch control.
6. To stop, release clutch control.



**Stay alert, don't get hurt**

### TRANSPORT

**Maximum towing speed 80km/h.**

1. To turn and steer the machine, press down on the handle and turn on the back wheels.
2. Turn off the engine and allow it to cool at least 2 minutes before transport.
3. Collapse the handle if the machine is equipped with a collapsible handle.
4. Be careful and use safe lifting and moving techniques when loading/unloading the machine.
5. We recommend having two people to lift the machine.
6. Fasten the machine properly in place with approved fasteners, such as tension belts, chains or rope.
7. Always check that you are in compliance with applicable traffic regulations before transporting the machine.

### AERATING TIPS

#### Watering before aerating

The best aerating condition is soft, moist ground. If unsure of the ground conditions, as in soil with high clay content, test to determine whether it is necessary to water before aerating. Push a garden hand spade or large screw driver into ground. The tool should drive in 2-3 inches with little effort. If unable to do so, watering the lawn a day before aerating is necessary.

## AERATING TIPS

### Using removeable weights

Soil conditions dictate whether extra machine weight is needed for effective coring action. The weights are provided to give added control and greater tine penetration.

**WARNING: NEVER cross hard objects or surfaces (sidewalks, driveways, stepping stones) with tines down.**

## REAR WHEEL ADJUSTMENT

The rear wheel depth/stability control knob allows adjustment for better stability and maneuverability when the knob is turned in a clockwise rotation.

Adjustments for depth are made by turning the knob counterclockwise. This adjustment determines the length of the cores pulled by:

1. Adjusting the rear wheels to a desired level to control the penetration of the tines to within a fraction of an inch.
2. With the rear wheels in the "fully up" position, maximum tine penetration is gained. Pushing down on the machine's handle bars puts most of the weight of the machine on the tines. This results in pulling the longest cores.

**NOTE:** Adjusting for greater stability gives greater side-to-side control and will improve maneuverability during aeration. Adjustments for stability will shorten the length of the cores pulled.

**WARNING: This method is NOT recommended when operating on slopes.**

## TURNING & MANEUVERING

Gradual maneuvering while aerating can be accomplished by carefully guiding the machine. It is recommended to adjust the engine's speed control to allow for a comfortable walking speed and maintaining complete control while working in tight spaces. Adjusting for more stability (with the rear wheels lowered, reducing tine penetration) will make turning easier.

When reversing direction or making sharp turns, select the safest and most comfortable method for the conditions you face:

1. Release clutch control handle, pull up rear wheel control handle, then pivot machine on rear wheels to turn.
2. Release clutch control handle, lift handle bar and pivot machine on front wheel.

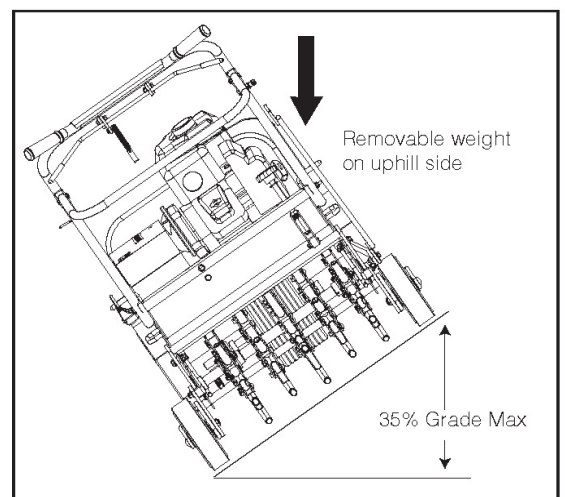
**WARNING: DO NOT operate on slopes exceeding 35% grade.**

**In extreme situations (very steep slopes) the machine may be unbalanced and present the danger of rolling over.**

## OPERATING ON SLOPES

This unit is not designed to be used on steep slopes. Be aware that when operating on slopes the tilt of the aerator will cause the machine's center of gravity to shift to the downhill side of the machine. Under these circumstances you may experience:

1. the need to exert a greater effort to steer and maintain the balance of the machine.
2. uneven tine penetration, when operating across a slope. Due to the shifted center of gravity the downhill tines will penetrate to the maximum depth, while uphill tines may not.



Place weight on uphill side of slope

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### When operating on slopes:

1. Operate the machine up and down the slopes instead of across.
2. Use the rear adjustment knob to set the rear wheels for extra stability. This can be a great benefit when you do need to run the aerator across a slope. Additionally, using the depth control when aerating across a slope improves the consistency of the cores pulled from the uphill tines when compared to those pulled by the downhill tines.
3. Remove the downhill side weight to reduce rollover risk and maintain consistent core plug length.
4. Move remaining weight from downhill side to uphill side after each pass when operating across slopes.

**WARNING: NEVER disengage tines from ground when traveling uphill or downhill. ONLY disengage on a flat surface.**

### 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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