

Manual de Instruções
Operators Manual
Manuel D'utilisation
Manual de Instrucciones
Manuale di istruzioni
Bedienungsanleitung
Gebruiksaanwijzing



ESCARIFICADORAS

SCARIFIER · SCARIFIER · AIREAR · SCALPELLO · MEIßEL · BEITEL

01. Presentation

Each year and on every lawn, moss and weeds take hold, which cause the ground to become matted.

By aerating, the hard surface is cut, allowing the grass to breathe and take up nutritional substances, oxygen and water. Before aerating, mow the lawn to a height of about 40 mm (1.5 inches).

Only use the aerator when the lawn is dry. The best period for aerating is during the growing season, from the end of April to the end of September. Do this work at least once a year. To get a nice green effect, we recommend using a fertiliser immediately after having used the aerator.

02. Basic Safety Precautions Training

02.1 Training

1. Read the Operating and Service Instruction carefully before using the aerator. Be thoroughly familiar with its controls before any use.
2. Never allow children or people unfamiliar with these instructions to use the aerator. Local regulations may restrict the age of the operator.
3. Do not start or use the aerator when children, people, or pets are nearby.
4. Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.

02.2 Preparation

1. When using the aerator, always wear substantial footwear and long trousers. Do not operate the equipment when barefoot or wearing open sandals.
2. Thoroughly inspect the area where the aerator is to be used and remove all objects which may be thrown by the machine.
3. **WARNING** - Petrol is highly flammable.
- 3.1 Store fuel in containers specifically designed for this purpose.
- 3.2 Refuel outdoors only and do not smoke while refuelling.
- 3.3 Add fuel before starting the engine. Never

remove the cap of the fuel tank or add petrol while the engine is running or when the engine is hot.

- 3.4 If petrol is spilled, do not attempt to start the engine but move the machine away from the area of spillage and avoid creating any source of ignition until petrol vapours have dissipated.
- 3.5 Replace all fuel tanks and containers caps securely.
4. Replace faulty silencers.
5. Before use, always make sure visually that the knives, the knives support fastening screws and the cutters are not worn out or damaged. Replace the knives that have been damaged or worn out along with the fastening screws.

02.3 Operation

1. Do not operate the engine in a confined space where dangerous carbon monoxide fumes can collect.
2. Mow only in daylight or in good artificial.
3. Avoid operating the aerator in wet grass, where feasible.
4. Always be sure of your footing on slopes.
5. Walk, never run.
6. Use across the face of slopes, never up and down.
7. Exercise extreme caution when changing direction on slopes.
8. Do not mow excessively steep slopes.
9. Be very careful when reversing or pulling the aerator towards yourself.
10. Stop the motor (and thus the knives) when the aerator has to be tilted for transportation when crossing surfaces other than grass, and when transporting the aerator to and from the working area.
11. Never operate the aerator with defective guards, or without safety devices, for example deflectors and/or grass catchers.
12. Do not change the engine governor settings or overspeed the engine.
13. Start the engine carefully according to instructions and with your feet well away from blades.
14. Do not tilt the aerator when starting it, unless the aerator has to be tilted for starting. In this

case, do not tilt it more than required and lift only the part which is away from the operator.

15. Do not start the engine when standing in front of the discharge chute.
16. Do not put hands or feet near or under rotating parts. Keep clear off the discharge opening at all times.
17. **NEVER** lift carry the aerator while it is running.
18. Stop the engine and disconnect the spark plug wire:
 - 18.1 Before clearing blockages or unclogging chute.
 - 18.2 Stop the engine and wait until the blades have stopped before removing the grass catcher or unclogging chute. When cleaning, repairing, or inspecting, make sure that blades and all mowing parts have stopped. Disconnect the spark plug wire, and keep the wire away from the plug to prevent any accidental starting.
 - 18.3 After striking a foreign object, stop the engine, disconnect the spark plug wire, thoroughly inspect the aerator for any damage. Repair it before starting again. Always call specialised service centres.
 - 18.4 If the equipment should start to vibrate abnormally, stop the engine and check immediately for the cause. Vibration is generally a warning of trouble.
19. Stop the engine.
 - 19.1 Whenever you leave the aerator
 - 19.2 Before refuelling.
20. Reduce the throttle setting during engine shut down and, if the engine is provided with a shut off valve, turn the fuel off at the conclusion of mowing.
21. When the motor is running the safety distance, given by the handle must always be maintained.

02.4 Maintenance and Storage

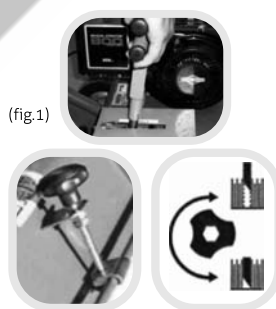
1. Keep all nuts, bolts and screws tight to be sure the equipment is in a safe working condition.
2. Never store it with gasoline in the tank inside a building where fumes may reach an open flame or spark.

3. Allow the engine to cold before storing in any enclosures.
4. To reduce fire hazard, keep the engine and the silencer free of grass, leaves, or excessive grease.
5. Check the grass catcher frequently for wear or deterioration.
6. Replace worn or damaged parts for safety. Use only original spare parts. Parts not produced by manufacturer may cause poor fit and possible injury.
7. If the fuel tanks has to be drained, this should be done outdoors.
8. Regularly check or have a service centre check the tightening of blades and bolts that support the motor.
9. Blade replacement is a complicated operation which involves specific competence as well as special equipment. For safety reasons, this operation must be carried out by a specialised technical assistance centre.

03. Technical Features

Move the lever (fig.1) forwards for working position (if available on the model). Adjust the height of the blades by turning the knob to the left to increase the working depth or to the right to reduce it (1 turn = 1 mm).

N.B.: Make the blades cut into the earth by about 5 mm.



(fig.1)

04. Starting and Stopping

ATTENTION

This engine is shipped without oil. See operating instructions for correct oil fill capacity.

DO NOT OVERFILL

see engine manual for more detail.

STARTING:

- Move the choke control to the **CHOKE** position [↖]
- Move the accelerator control to the **FAST** position (fig.2).

Grasp rope handle and pull slowly until résistance is felt. Then pull cord rapidly to overcome compression, prevent kickback and start engine. Repeat if necessary with choke in **RUN** [↕] position and throttle in **FAST**. When engine starts, operate in **FAST** position. For Electric engine move the stop control to the **ON** position by pulling the lever, with the safety button, against the handle (fig.4).

STOPPING:

Move the accelerator control to the minimum position (fig.3).

For electric engine move the stop control to the **OFF** position, by releasing the lever (fig.4).



(fig.3)



(fig.2)



(fig.4)

05. Definitions of Symbols



- Read the Operating and Service Instructions carefully before using the aerator. Be thoroughly familiar with its controls before any use.



- **DANGER:** Do not start the aerator when children, people or pets are nearby.



- **DANGER:** Do not put hands or feet near or under rotating parts. Keep clear off the discharge opening at all times. The blades continue to rotate after the unit is switched off.



- **DANGER:** Before any cleaning, maintenance or checking on the aerator, make sure that blades have stopped. Disconnect the spark plug wire, and keep the wire away from the plug to prevent any accidental starting.