

## **POWER RAKE**

### **GENERAL SAFETY INSTRUCTIONS**

- Only use the machine in daylight or in other well-lit conditions. Keep the machine a safe distance from holes or other irregularities in the ground. Pay attention to other possible risks.
- Never allow children or persons not trained in the use of the machine to use it. Local laws may regulate the age of the user.
- Never leave the machine unsupervised with the engine running.
- Make sure that other people are nearby when you are using the machine so that you can call for help should an emergency arise.

### **PREPARATIONS**

- Make sure no one else is in the vicinity of the machine when starting the engine, engaging the drive or running the machine.
- Clear the area of objects such as rocks, toys, wire, etc., which could be picked up and thrown by the blades.
- Locate fixed objects in the ground, such as sprinkler systems, poles, water valves, bases for washing lines. Check for hidden electrical cables or similar in the surface of the lawn. Run the machine around these objects. Never intentionally run the machine over foreign objects.
- Make sure all guard plates and protective shields are in place and intact when using the machine.
- Make sure no clothing, long hair or jewelry can catch in moving machine parts.
- Never use the machine when barefoot. Always wear protective shoes or protective boots with anti-slip and preferably with steel toes.
- Wear approved ear-protection when running the machine. Ask your dealer about approved ear-protection.

### **OPERATING INSTRUCTIONS**

- Do not use the machine on grades of more than 20°. We recommend working across slopes rather than up and down. This will yield a more even result. Do not leave the machine standing on a slope unattended.
- Do not use the machine if you are tired, if you have consumed alcohol, or if you are taking other drugs or medication that can affect your vision, judgment or co-ordination.
- Never use the machine indoors or in spaces lacking proper ventilation.
- Do not use the machine on any surface other than grass.
- Keep your hands and feet away from moving parts.
- Whatever happens, you should always park the machine on even ground, disengage the drive, turn off the engine and wait until all moving parts have stopped before leaving the operating position behind the machine.

### **MOVEMENT/TRANSPORT**

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

**ALWAYS THOROUGHLY CLEAN AND SERVICE POWER RAKE AFTER EACH USE**

## **POWER RAKE**

### **CONTROLS**

#### **Cutting Unit**

##### **Depth lever**

Use the depth lever to raise and lower the blades between working and transport position.

- **Flail Blades or Spring Tines Set blade** or tine depth so that the blades or tines just touch on a flat surface such as a sidewalk or driveway.

##### **Clutch**

The clutch tightens the drive belt and engages the drive for the blades. When the clutch lever is pressed against the handle, the blades begin to rotate. Hold the clutch tightly when working so the belt does not slip.

### **OPERATION**

#### **Before Starting**

- Mow the lawn ½" shorter than normal.
- Allow the lawn to dry Wet conditions can cause extensive damage to healthy grass

#### **Starting**

- Check for stones or fixed objects in the lawn.
- Set the depth lever in working position.
- To engage the clutch in heavy thatch, bear down on the handle and raise the front wheels slightly. Hold the clutch engaged against the handle and carefully lower the machine into the turf.
- Do a small test area at a slow walking pace.
- If the engine speed drops excessively, the depth setting is too deep. If the machine pulls forward and bucks roughly, the depth setting is too deep.

#### **Finishing**

- Remove all extracted thatch from the grass and compost/dispose of properly
- Other methods for improving your lawn may include aeration and fertilization.

### **CHILDREN**

Serious accidents can occur if you fail to be on guard for children in the vicinity of the machine.

Never assume that children will stay put where you last saw them.

- Keep an eye out and shut off the machine if children enter the work area.
- Never allow children to operate the machine.
- Be particularly careful near corners, bushes, trees or other objects that block your view.

#### **WARNING!!!**

**No service operations may be performed on the engine or unit unless:**

- **The engine is stopped.**
- **The ignition cable has been removed from the spark plug.**
- **The machine is securely parked where it will not tip or begin rolling.**

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