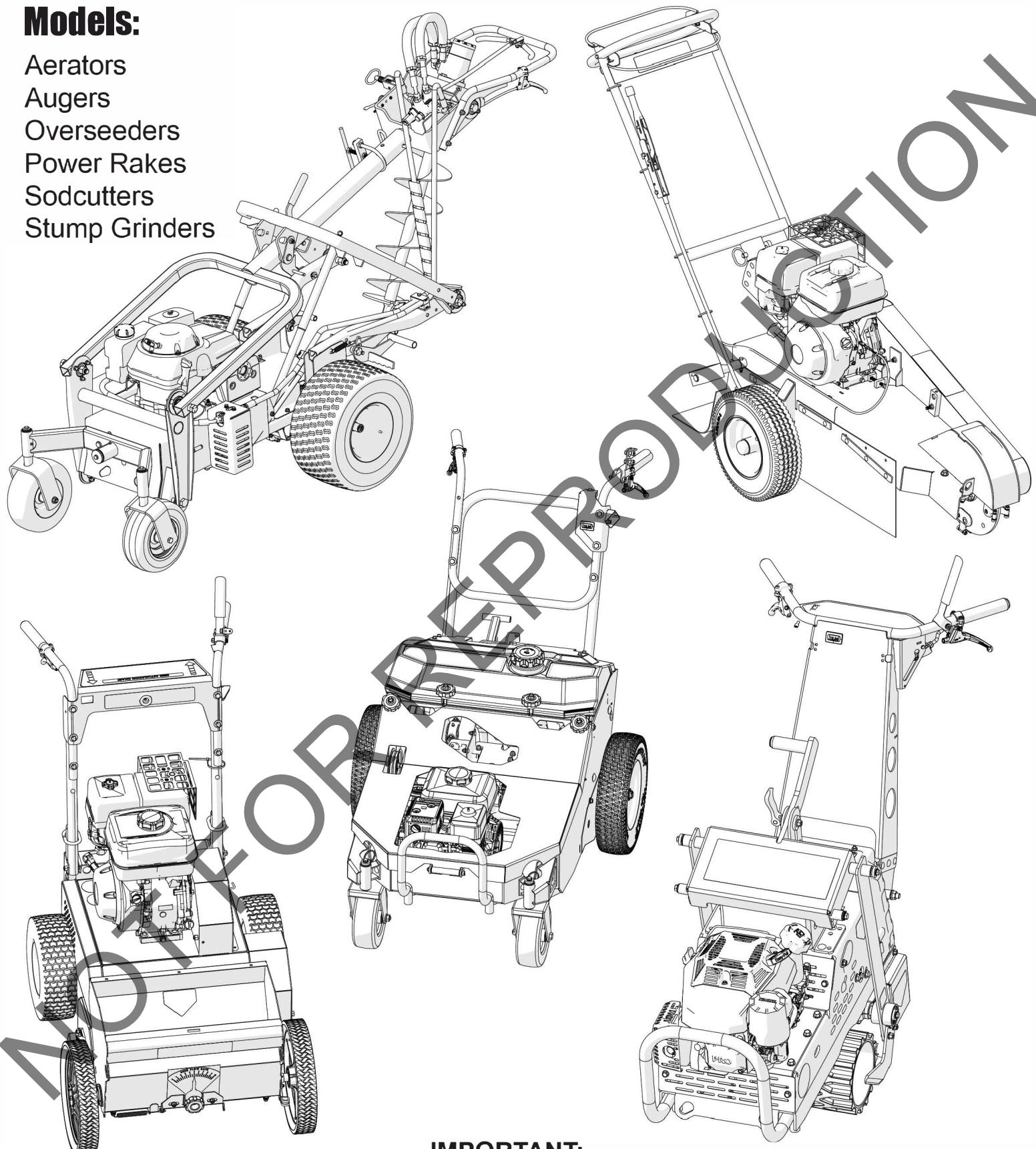


Safety Information: Renovation Line

Models:

Aerators
Augers
Overseeders
Power Rakes
Sodcutters
Stump Grinders



IMPORTANT:

READ CAREFULLY BEFORE USE AND KEEP FOR FUTURE REFERENCE

About this Manual

Thank you for purchasing this high quality outdoor power equipment. Your new unit has been carefully designed and manufactured to provide years of reliable and productive service. This manual will provide you with safety instructions and general maintenance tips to help keep your machine in top running order. Please read this manual, the Operator's Manual, and the Illustrated Parts Book included in the literature pack before assembling, operating, or servicing your equipment.

Intended Use

Each machine has a particular intended use. Please read the intended use of your unit.

Aerator: This machine is designed for aerating established lawns and large grass covered areas. Do not use this machine for any other purpose than that which is stated.

Auger: This machine is designed for drilling holes into the ground. Holes can be up to 18 inches wide and 42 inches deep. Do not use this machine for any other purpose than that which is stated.

Power Rakes and Overseeders: These machines are designed for removing thatch from your lawn, renovation of existing lawns, and to assist in overseeding operations. Do not use these machines for any other purpose than which is stated.

Sodcutter: This machine is designed to cut 18 inch (45.7 cm) or 24 inch (61 cm) wide strips of turf. Do not use this machine for any other purpose than that which is stated. Ensure that all operators of this equipment are trained in general machine use and safety.

Stump Grinder: This machine is designed to grind down tree stumps into small chips. Do not use this machine for any other purpose than that which is stated. Ensure that all operators of this equipment are trained in general machine use and safety.

Serial Plate Data



Record the model number, serial number, date of purchase, and location of purchase.

Model Number: _____

Serial Number: _____

Purchase date: _____

Purchase location: _____

General Safety Symbols

Symbol	Description
	Indicates important information that will prevent injury to yourself or others. Failure to adhere to these guidelines can result in injury and/or death to yourself or others.
	Indicates important information that will prevent damage to your equipment. Failure to adhere to these guidelines can result in damage or failure to your machine.
	Indicates that injury can occur from flying objects. Failure to recognize flying objects and wear protection from them can cause injury.
	Indicates foot protection is recommended when operating this equipment.
	Indicates ear protection is recommended when operating this equipment.
	Indicates eye protection is recommended when operating this equipment.
	Indicates breathing protection is recommended when operating this equipment.
	Indicates that gloves should be worn when assembling, operating, or servicing equipment.
	Indicates that this manual, the operator's manual, the illustrated parts list, and the engine manufacturer's manual should be read carefully before assembling, operating, or servicing equipment.
	Indicates that the engine oil level should be read carefully before assembling, operating, or servicing equipment.

Safety Guidelines

All Units

 **ALWAYS** use reasonable care when operating this machinery as you would any other mechanical tool.

 **ALWAYS** read the operator's manual before initial operation. The operator's manual contains important safety information you need to be aware of *before* you operate your unit as well as *during* operation.

 **ALWAYS** inspect machine before operating. Be sure that *all* operators of this equipment are trained in general machine safety and operation.

 **ALWAYS** wear appropriate clothing including safety shoes, safety glasses and ear protection. Safety glasses must be to ANSI Z87 standard. Long hair, loose clothing or jewelry may get tangled in moving parts. Always tie back long hair and remove jewelry before operation. Long pants should be worn during operation.

 **ALWAYS** evaluate the terrain to determine what accessories and attachments are needed to properly and safely perform the job. Use only accessories and attachments approved by the manufacturer.

 **ALWAYS** identify and mark all fixed objects to be avoided during work such as sprinkler heads, water valves, buried cables, clothes line anchors, etc.

 **ALWAYS** operate only in daylight or with good artificial light.

 **ALWAYS** keep hands and feet away from moving or rotating parts.

 **ALWAYS** shut down the unit completely and allow the engine to cool before performing maintenance.

 **ALWAYS** disengage the self-propelled mechanism or drive clutch on equipped units before starting the engine.

 **NEVER** tamper with any Safety Interlock Systems equipped on the unit.

 **NEVER** operate a unit if the Safety Interlock Systems do not function properly. Contact an authorized service dealer for repair.

 **DO NOT** operate the unit under the influence of drugs or alcohol.

 **DO NOT** leave equipment unattended during operation.

 **DO NOT** operate equipment with bystanders in or around the work area.

 **DO NOT** allow children to operate this equipment.

 **DO NOT** allow children anywhere near the area of operation. Never assume that children will remain where you last saw them. If there is a risk that children may enter the area where you are working, have another responsible adult watch them.

 **DO NOT** place hands or feet underneath unit or near any moving parts.

 **DO NOT** operate equipment on slopes greater than specified in the Specifications section of the machine operator's manual.

 **DO NOT** park equipment on a steep grade or slope.

 **DO NOT** change the governor setting or overspeed the machine.

Aerators

 **DO NOT operate if excessive vibration occurs.**

If excessive vibration occurs, shut engine off immediately and check for loose or damaged tines, reel, swing arms, or hardware. Check for debris clogged in the frame, and remove if necessary.

 **DO NOT** run this equipment with a cracked or damaged frame under any circumstances.

 **NEVER** operate this equipment without proper safety shoes. Tines can cause injury.

 **NEVER** operate this equipment with guards damaged or removed.

 **DO NOT** operate the aerator on soil that has not been sufficiently dampened. Always check the soil moisture, and dampen if necessary. Operating on dry ground can damage the unit and cause injury to the operator.

 **ALWAYS** check water tanks on units equipped with them. Fill with water to desired level, if necessary. Water in the tanks provides extra weight necessary for deeper tine penetration. Empty the water tanks before transporting the unit.

 **DO NOT** transport tow-behind aerator on roadways. Doing so can damage the unit and potentially harm bystanders.

 **DO NOT** transport aerators with tines lowered/engaged. Always lift/disengage the tines before pushing the unit by hand or transporting.

Augers

 **DO NOT** operate if excessive vibration occurs. If excessive vibration occurs, shut engine off immediately and check for loose or damaged bit, swing plate, fittings, or hardware. Check for debris clogged in the frame and bit components and remove if necessary.

 **ALWAYS** call 811 in your state to ensure all underground utilities are properly marked. Never dig any holes without knowledge of what could lie below.

 **ALWAYS** check ground conditions before drilling. The ground should not be wet. Never attempt to drill into frozen ground.

 **ALWAYS** check hydraulic lines for tears, punctures, or any other damage before starting. Always check hydraulic line fittings for damage before starting. Never attempt to start or operate a unit with damaged hydraulic lines or fittings. Hydraulic oil under pressure can penetrate the skin causing serious injury.

 **ALWAYS** check hydraulic oil level before starting and fill if necessary.

 **ALWAYS** check the bit locking pin to ensure the bit is secure before drilling. Always use the correct bit adapter if using a bit made by a different manufacturer.

 **ALWAYS** engage the parking brakes before drilling.

 **ALWAYS** lock the bit and motor-plate when driving the auger between holes or during transport.

 **NEVER** operate this equipment without proper safety shoes. The components of the drill bit can cause injury.

 **NEVER** attempt to couple the auger to a vehicle. Only transport the auger securely on a trailer or in the bed of a pickup truck. Use reasonable anchor points and common sense when transporting.

Overseeder and Power Rakes

 **DO NOT** operate if excessive vibration occurs. If excessive vibration occurs, shut engine off immediately and check for loose or damaged reel, blades (flail or slicing), seedbox, bearings, or hardware. Check for debris clogged in the frame and remove if necessary.

 **DO NOT** run this equipment with a cracked or damaged frame under any circumstances.

 **NEVER** run this equipment without proper safety shoes. The flail or slicing reel can cause injury.

 **NEVER** operate this equipment with guards damaged or removed.

 **ALWAYS** operate across slopes, not up and down slopes. Always keep movements on slopes slow and gradual. Do not make sudden changes in speed or direction.

 **ALWAYS** operate this equipment on dry grass.

 **ALWAYS** verify the measured blade depth is appropriate for the task when overseeding. Use care when adjusting the blade height. Blade can drop unexpectedly and cause injury. See the operator's manual for more information on blade depth.

Sodcutters

 **DO NOT** operate if excessive vibration occurs. If excessive vibration occurs, shut engine off immediately and check for loose or damaged blade, swing arms, or hardware. Check for debris clogged in the frame or around the blade and carefully remove if necessary.

 **DO NOT** attempt to operate on wet or overly dry ground. Ground conditions are important when cutting sod. Ideally, the ground is damp, but not wet, during operation. Wet ground can cause slippage, injury to the operator, and damage to the unit. Dry ground can damage the blade and cause flying objects, injuring the operator. Thoroughly dampen ground with water before operating if the ground is too dry.

 **NEVER** run this equipment without proper safety shoes. The blade can cause injury.

 **DO NOT** start with the blade lever engaged. Always disengage the blade before stopping operation and shutting down the unit.

 **DO NOT** operate with height adjust cam lever loose. Before starting, always verify the blade height, adjust if necessary, and be sure the cam lever is secure.

 **DO NOT** operate with Free Wheel Lever out. Always verify the drive is engaged before starting.

Stump Grinders

 **DO NOT** operate if excessive vibration occurs. If excessive vibration occurs, shut engine off immediately and allow the cutting wheel to come to a complete stop. Check for loose or damaged cutting teeth, wheel, or hardware. Check for chips or debris clogged in or around the cutting wheel and carefully remove if necessary.

  **NEVER** operate without eye protection. Chips from grinding can cause injury.

  **NEVER** allow bystanders in the operating area. Chips from stump grinding can cause injury.

  **NEVER** attempt to operate with chip curtains removed! Flying debris can cause injury to the operator. Always check the condition of the chip curtains for damage before operation. If damage is found, do not operate the unit until chip curtain(s) is/are replaced.

  **ALWAYS** verify the diameter and height of the stump is within the limits of the machine.

  **ALWAYS** verify the stump grinder teeth are appropriate for the terrain. Use Greenteeth® during the operation in rocky soil conditions.

  **ALWAYS** observe the handle height before operation and adjust if necessary. Proper handle height is important for operator comfort, operation ergonomics, and ease of operation.

  **ALWAYS** engage the parking brake before grinding stumps. Failure to engage the parking brake can cause the machine to slip, potentially injuring the operator.

  **DO NOT** attempt to operate on wet ground. Wet ground can cause slippage, injury to the operator, and damage to the unit.

  **DO NOT** walk away from the operator's presence area until the cutting wheel has come to a complete stop.

Handling and Transporting

Follow these instructions to ensure the safety of yourself and others while handling and transporting your unit. Use reasonable care as with any other outdoor power equipment during transport.

  **ALWAYS** secure the machine in place while transporting. Use reasonable anchor points when securing the unit to trailers or truck beds.

  **ALWAYS** be mindful of the weight and dimensions of your unit during handling and transport to avoid injury or damage to the unit. See your operator's manual for machine dimensions and weight specifications. Pay attention to weight limits.

  **ALWAYS** use two or more people to lift these renovation machines. Use lifting tools such as hydraulic jacks when appropriate.

  **ALWAYS** lift holding each side of the machine. Grasp the handles and the frame while lifting.

  **ALWAYS** wear gloves when lifting. Pinch points present serious hazards.

 **DO NOT** ever lift any machine while its engine is running.

NOT FOR REPRODUCTION