



**BLUEBIRD
INDUSTRIES**

TELESCOPIC PRUNER

PTT 261

Operator's manual



WARNING!

Read this manual and become familiar with its contents.

This machine has been designed for cutting branches.

The use of this machine is not permitted for other purposes.

Minimize the risk of injury to yourself and others.

Do not operate or repair this machine unless you clearly understand the present manual.

Keep this manual in an accessible place so that you can consult it for any question about its use.

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Safety Statements

There are safety statements throughout this manual.



DANGER!

A statement preceded by the triangular danger sign and the word "DANGER" contains information that should be observed in order to prevent serious injury or death.



WARNING!

A statement preceded by the triangular danger sign and the word "WARNING" contains information that should be observed in order to prevent serious injury or death.

CAUTION!

A statement preceded by the word "CAUTION" contains information that should be observed to avoid damage to the machine.

IMPORTANT!

A statement preceded by the word "IMPORTANT" expresses a special meaning.

NOTE!

A statement preceded by the word "NOTE" contains useful information that can simplify your work.

Introduction

The pole pruner intended for the pruning operator is designed and built to provide superior performance and reliability without compromising quality, comfort, safety, and durability.

The top-level engines of the pole pruner represent the cutting-edge technology of 2-cycle engines, offering exceptionally high power with significantly reduced displacement and weight. As an owner/operator, you will soon discover for yourself why this is in a class of its own!

The procedures described in this manual are intended to help you get the most out of your machine and also to protect you and others from possible harm.

These procedures are guidelines for operations to be performed safely under most conditions and are not intended as a substitute for any safety rule and/or law that may be in effect in your area.

If you have any questions regarding the electrical equipment, or if something in this manual is not clear to you, your dealer will be happy to assist you.

Safety Precautions



DANGER!



THE PRUNER IS NOT PROTECTED AGAINST ELECTRIC SHOCKS!

Approaching or coming into contact with the pruner's power line can cause death or serious injury. Keep the pruner at least 10 meters (33 feet) away from power lines or branches in contact with power lines.

The pole pruner operates at very high speeds and has the potential to cause very serious damage in case of misuse, abuse, or improper application. To reduce the risk of injury, you must maintain control at all times and observe all safety precautions during operation. Never allow anyone without training or instructions to use this pruner!



Read and follow this manual to the letter and ensure that anyone using the pruner does the same. Failure to observe this precaution could result in serious injury or machine failure. Keep this manual for future reference.



Always wear a protective helmet to reduce the risk of head injury during operation with this machine. Also, always wear goggles and hearing protection. We recommend wearing a protective visor in addition to face and eye protection.



Wear sturdy work gloves non-slip to improve grip on the handle of the pole pruner pole. Wear sturdy footwear with non-slip soles to ensure good footing. Steel-toed safety boots are recommended. Wear close-fitting clothing that also allows freedom of movement.



Never handle this equipment or any electrical equipment when you are tired, ill, or under the influence of alcohol, drugs, or any substance that could affect your ability or judgment.



Keep bystanders at least 15 meters (50 feet) away when the pruner is in operation, to reduce the risk of being struck by falling objects or flying debris.



Never cut branches above your head. Cut branches could hit you and cause serious injury.



Never operate the pruner at an angle greater than 60°, to reduce the risk of being struck by falling objects during operation.



Never touch the chainsaw when starting the engine and during operation of this machine.



Chain oil/pump oil filling



Sound Power Level (measured in accordance with 2000/14/EC)

Operating precautions

Beware of kickback!



Kickback can occur when the tip of the bar touches an object during saw operation. Kickback can force the bar upward and backward toward the operator at lightning speed!



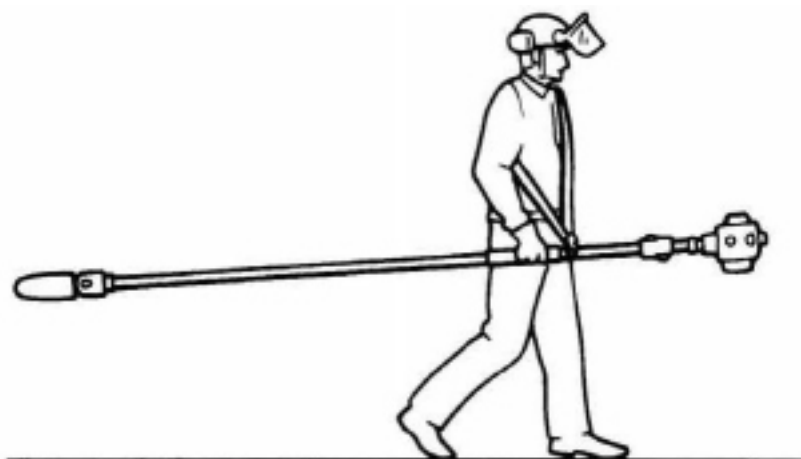
Beware of entrapment.

Jamming the saw along the tip of the guide bar can push the bar quickly backward toward the operator. Jamming can occur whenever the wood closes on the moving chain.



WARNING!

- Make sure the chain and sprocket are properly adjusted before operating the pruner. **Never attempt to adjust the chain with the engine running!**
- Always make sure the cutting device is properly installed and securely tightened before starting operations.
- Never use a cracked or bent guide bar: replace it with a usable one and make sure it fits properly.
- Do not smoke or light fires near the pruner. Keep the pruner away from excessive heat sources. The engine fuel is highly flammable and fire can cause serious personal injury or property damage.
- If a blade gets stuck in a cut, immediately turn off the engine. Push the branch or tree to loosen the binding and free the blade.
- Make sure there are no missing or loose fasteners and that the stop switch and throttle controls work properly.
- Move the unit far away from any fuel storage area or other flammable materials before starting the engine. Use caution when handling fuel. Move the pole pruner at least 3 meters (10 feet) away from the fuel refueling point before starting the engine.
- Always ensure good ventilation during operations with the pruner. Engine exhaust fumes can cause serious injury or death. **Never start the engine indoors!**
- Before starting the engine, make sure the chainsaw is not in contact with anything.
- Never operate the pole pruner with the muffler removed.
- When making a cut in a limb under tension, be careful of kickback so that the limb is not struck by the movement.
- Immediately stop the engine and check for damage and whether a foreign object has been hit or if the machine has become entangled. Do not operate with faulty or damaged equipment.
- Stop the machine immediately if it starts to vibrate or shake. Inspect for faulty, missing, or improperly installed parts or accessories.
- Never transport or set down the pruner with the engine running. An engine that is running could be accidentally accelerated, causing the chain to rotate.
- Make sure the chain cover is in place during transport or storage of the pruner.
- When carrying by hand, the chain must face backward. See illustration 1.



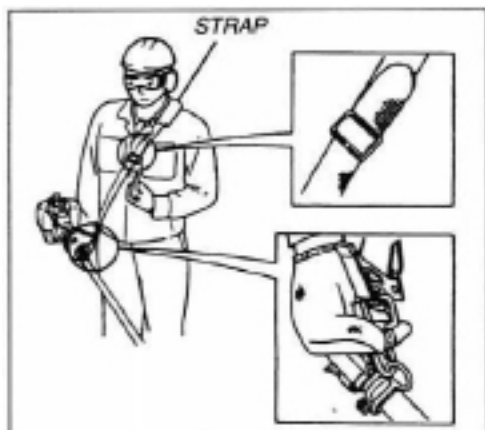
CAUTION!

- Always maintain this pole pruner according to the manufacturer's manual and follow the maintenance schedule recommendations.
- Do not modify or disable any of the safety devices on the pole pruner.
- Always use original parts and accessories when repairing or maintaining this machine.
- Do not make unauthorized modifications or replacements to the guide bar or chain.
- Do not allow the engine to run at high RPMs without load. This could damage the engine.
- When transporting the pole pruner in a vehicle, secure it firmly to prevent damage and fuel leakage.
- The engine must always be turned off and allowed to cool before refueling. Avoid overfilling and clean up any spilled fuel.
- Do not place flammable material near the engine muffler and never start the engine without the spark arrestor screen in place.
- Always keep the work area clear of trash or hidden debris to ensure good footing.
- Keep the chainsaw sharp and properly adjusted.
- Keep the pole pruner as clean as possible. Keep it free from loose vegetation, mud, etc.

Operation of the Pruner

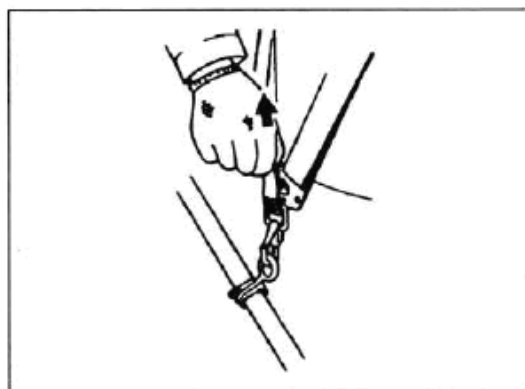
Wear the Belt

1. Attach the belt to the tube tensioner outer tube.
2. Wear the belt so that the hook is on your right side.
3. Adjust the length of the belt so that you can hold and operate the machine comfortably.



Emergency Device

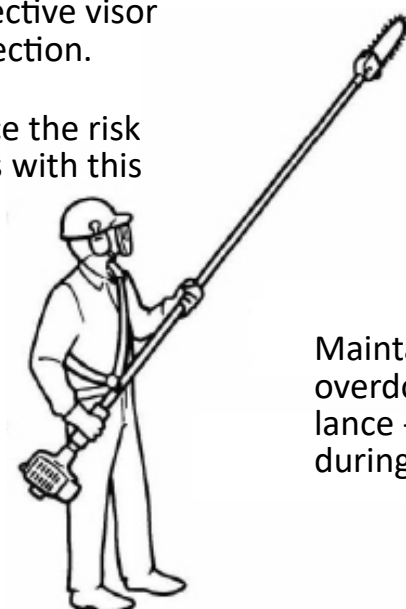
In case of emergency, firmly pull the white tab on the hook. The machine must be released from the belt.



Always wear eye and hearing protection.
We recommend wearing a protective visor in addition to face and eye protection.

Always wear a hard hat to reduce the risk of head injury during operations with this machine.

Wear work gloves that are sturdy and non-slip, to improve the grip on the pole pruner handle. Wear close-fitting clothes that also allow freedom of movement. NEVER wear shorts!



Always operate with both hands firmly gripping the machine.

Maintain a correct footing without overdoing it and do not lose your balance - keep your balance at all times during operation.

Wear the Belt

Model	PTT 261
Net weight	9.1 kg
Dimensions	2550 x 270 x 260(mm)

Cutting head

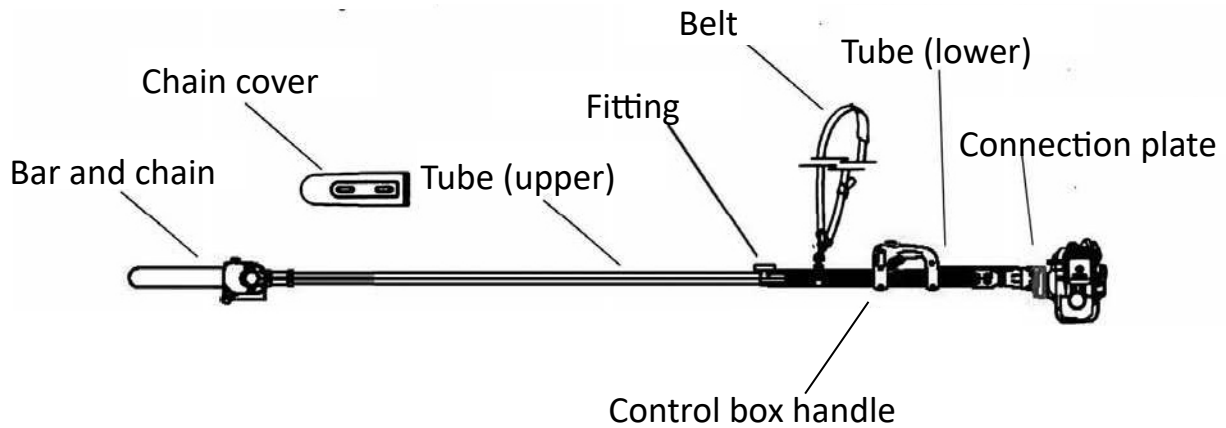
Number of notches	44
Bar width	52mm
Bar length	342mm

Engine

Type of transmission	Centrifugal clutch engine
Type	Air-cooled, 2-cycle engine
Model	1 E34FGA
Rated power	0.75 kw/7500rpm
Displacement	25.4 cc
Fuel	Mixture (Gasoline 50 : oil 1)
Fuel tank capacity	0.65L
Ignition system	C.D .I.
Starting method	Recoil start
Carburetor	Diaphragm type
Spark plug	RCJ 6Y

Specifications are subject to change without notice.

Product Description



Before assembly

Using figure 3 as a guide, familiarize yourself with the pole pruner and its various components. Understanding your machine helps promote the best performance; it extends its useful life and makes operation safer.

Before assembling, make sure you have all the components required for a complete unit:

- Electric head assembly
- Lower tube assembly
- Upper tube/saw assembly, chain bar and guide bar.
- The kit comes with this manual and the kit device for routine maintenance.

Electric head installation

1 Place the electric head on a clean, flat surface, with the spark plug facing upwards.

CAUTION!

Do not remove the D-shaped spacer washer! The thickness washer prevents damage from over-tightening the tube clamp screw.

Carefully inspect all components for damage.

IMPORTANT!

The terms “left”, “left side” and “LH”; “right”, “right side” and “RH”; “front” and “rear” refer to directions from the operator’s point of view during normal operation.



WARNING!

Do not make unauthorized modifications or alterations to your pruner or its components.

CAUTION!

Do not force the lower tube into the electric head! Excessive force can damage the components.

Position the lower tube so that the stop switch is facing upwards. Tighten the clamp screw securely.

Connect the throttle cable

Remove the Cylinder Cover

1. Remove the spark plug cap, then loosen the cylinder cover knob (about a dozen turns are needed). See figure 4



Figure 4

2. Lift the corner of the cylinder cover just below the muffler, as seen in figure 5, and lift the cover of the cylinder.



Figure 5

Connect the throttle cable

1. Route the finned cable assembly to the upper left side of the engine. You will notice that the black ground wire (with a mounting ring at the end) is placed between the two cable adjustment nuts, as shown in figure 6.

Cable adjustment nuts

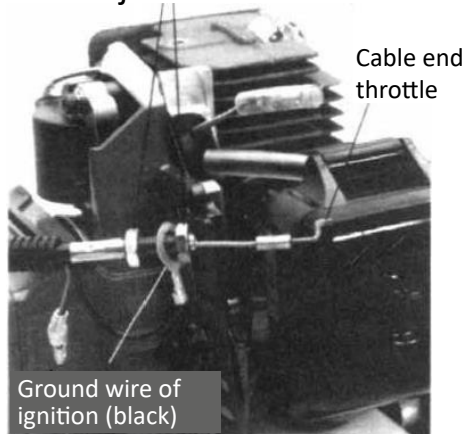


Figure 6

2. Connect the "S"-shaped end of the throttle cable to the throttle lever above the carburetor, as shown in figure 7.

Throttle cable end

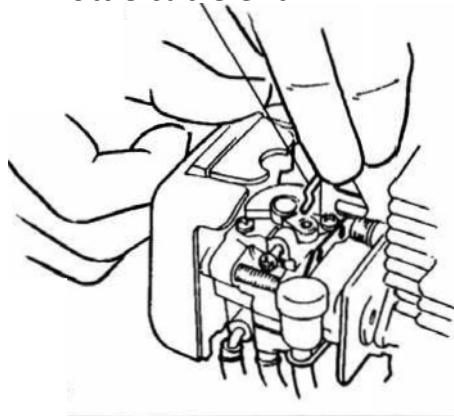


Figure 7

3. Turn the cable adjustment nuts sufficiently so that the throttle cable fits into the slot on the fan cover. Make sure that the ignition ground wire is positioned on the rear side of the slot. Then connect the male connector with red ignition wire to the female connector, also with a red wire, attached to the engine. See figure 8.

Wire connector
female ignition

Slot

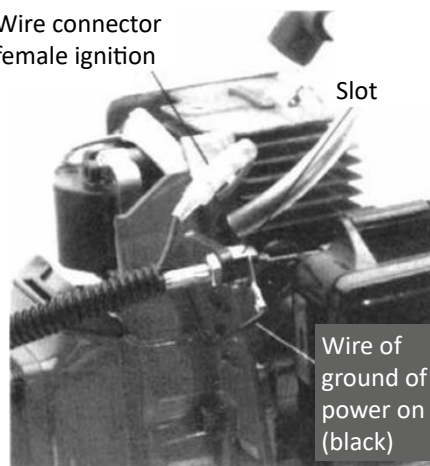


Figure 8

Assembly and Adjustment

Connect the Throttle Cable

1. Loosen the two 10 mm nuts of the cable throttle at the fan cover, as shown in figure 9.



Figure 9

2. Adjust the throttle cable adjustment nuts until there is about 6 mm of free play on the throttle trigger.
3. Once the 6 mm of free play is reached, tighten the two (10 mm) throttle cable nuts. When the throttle cable is properly adjusted and the throttle trigger is fully pressed (full throttle), the throttle will touch the stop on the throttle body. See figure 10.

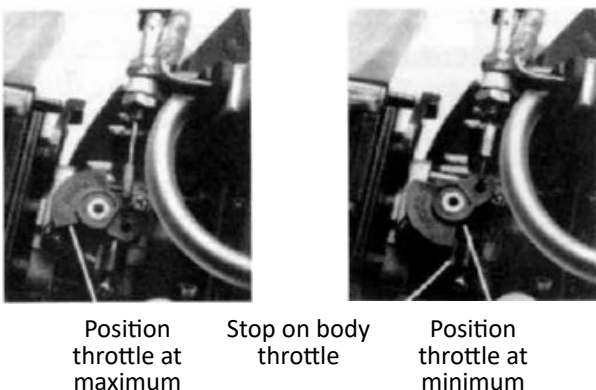


Figure 10

4. Reposition the cylinder cover.
5. Reposition the spark plug cap.

Assembly of tube sections

1. Place the head assembly electric/lower tube and the upper tube assembly on a clean, flat surface, so that both assemblies align with the ends. The head/lower tube assembly should be facing up, while the lower tube assembly with the locking hole at the tube end should also be facing up.

CAUTION!

Keep the open ends of the tubes clean and free of impurities!

2. Remove the protective cover from the ends of both tubes and loosen the coupling screw knob.
3. Insert the upper tube assembly into the coupler, with the arrow on the upper tube sticker facing up, until the line on the sticker is flush with the end of the coupler. Move the tube back and forth until you are sure it snaps into position from the coupler lock. See figure
4. When the two halves of the tube are tightened together, press down on the spring-loaded safety lock and tighten the coupling screw.

Disassembly of the rod sections.

1. Place the pole pruner shaft on a clean, flat surface, loosen the coupling screws. The spring-loaded coupler guard should lift up.
2. Press down on the lock with your finger or thumb.
3. Remove the upper tube assembly from the coupler.

Install and Adjust the Bar and Chain

Install the chain



WARNING!

Do not attempt to install, replace, or adjust the chain with the engine running.



WARNING!

The chainsaw is very sharp. Wear gloves to protect your hands during handling.

NOTE!

For longer chain life, allow new or replacement chain loops to soak in oil overnight before installation.

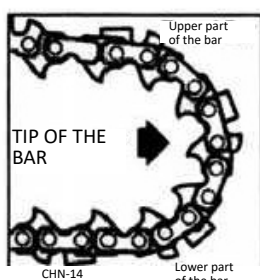
1. Using the small end of the spark plug wrench, remove the sprocket cover nut (turn counterclockwise to remove it) and remove the sprocket cover.

CAUTION!

Failure to align the guide bar and the chain tensioning pin can cause serious damage to the sprocket cover, the guide bar, the chain tensioning pin, and the cutting head assembly.

2. Place the guide bar on the guide bar adjustment pin on the cutting head assembly. Align the chain tensioner pin with the hole in the guide bar.

3. Install the chain loop onto the drive links inside the guide bar groove and then align the chain on the drive sprocket. Make sure the cutter is oriented correctly as shown in figure 11. If installation is difficult or the chain seems too tight, refer to the “Chain Adjustment” section on the next page.



WARNING!

Never use the pole pruner without the installation of the sprocket cover.

4. Install the sprocket cover over the bar stud. Using only finger pressure, install the sprocket cover nut.

5. Refer to the next page for the chain adjustment procedures.

Adjust the chain.



WARNING!

Do not attempt to install, replace, or adjust the chain with the engine running.



WARNING!

The chainsaw is very sharp. Wear gloves to protect your hands during handling.

CAUTION!

A loose chain can jump off the guide bar, causing damage to the chain and connected equipment. Always make sure the chains are properly adjusted; check more frequently when a new chain breaks in.

IMPORTANT!

Proper chain adjustment is essential for maximum performance, long life, and operator safety. Always inspect the chain tension before operating the pole pruner.

1. Place the pole pruner on a flat and clean surface. (For adjustment during operation, turn off the engine, then allow the guide bar and chain to cool before proceeding with the adjustment procedure.

2. Loosen the chain cover nut with a wrench.

3. Lift the tip of the guide bar, by turning the chain tensioning screw.

- Clockwise to tighten the chain
- Counterclockwise to loosen the chain.

4. Pull the chain by hand along the top of the guide bar several times from the engine to the tip of the bar. The chain should be snug, but still pull freely. See figure 12.

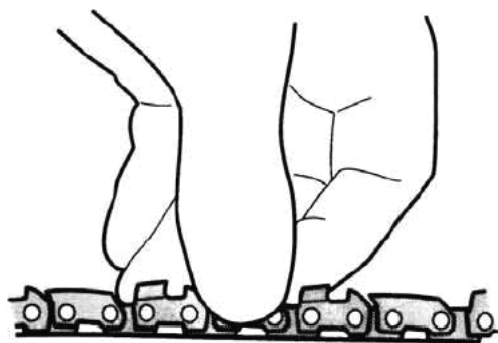


Figure 12

5. Tighten the chain cover nut while lifting the tip of the guide bar.

6. Check that the chain is adjusted correctly (more frequently in the case of a new chain). The chain should be snug, but still pull freely.

Chain Oiler



WARNING!

Do not fill the oil tank, nor adjust the oiler with the engine running.

IMPORTANT!

The lifespan of the guide bar chain depends on the quality of the lubricant. The use of a superior lubricant for the bar and chain oil will help ensure a long lifespan; for operations in bad weather, mix the bar and chain oil with an equivalent part of kerosene.

Filling the Oil Tank

6. Check that the chain is adjusted correctly (more frequently in the case of a new chain). The chain should be snug, but still pull freely.

NOTE!

The oil tank has enough capacity to provide about 40 minutes of cutting time (when set to deliver the minimum flow, or about the same time as a tank of fuel lasts).

1. Place the pole pruner on a clean and flat surface with the tank cap facing upwards. Remove any debris from the oil cap and around the oil filler opening.

2. Remove the oil filler cap and fill the tank with bar and chain oil, then replace the cap.

3. Remove any spilled oil from the unit before restarting the pole pruner.

Adjust the oil flow

CAUTION!

An increase in the bar oil flow, will accelerate oil consumption, requiring more frequent checks of the oil tank. To ensure sufficient lubrication, it may be necessary to check the oil level more frequently than refueling the fuel tank.

The guide bar and chain are automatically lubricated by a pump that operates every time the chain rotates. The pump is factory-set to provide a minimum flow, but it can be adjusted in the field. A temporary increase in oil flow is often required when cutting things like hard wood or very resinous wood.

Adjust the pump as follows:

1. Stop the engine and make sure that the stop switch is in the STOP position.
2. Place the unit on its side with the oil tank facing upwards.

CAUTION!

The screw that adjusts the oil flow must be pressed lightly to turn it. Failure to do so may damage both the pump and the screw.

3. Press the oil flow adjustment screw with a screwdriver and turn it to the desired position (there are three increase settings):

- Clockwise decreases lubrication.
- Counterclockwise increases lubrication.

Engine Fuel

Fuel Mixing

CAUTION!

This engine must be operated with a 50:1 mixture consisting of unleaded gasoline and 2-cycle mixing oil only.

Some gasoline contains alcohol as an oxygenate! Oxygenated fuel can cause an increase in operating temperatures. Under certain conditions, alcohol-based fuel can also reduce the lubricating qualities of some mixing oils. Do not use any fuel containing more than 10% alcohol content! If you must use an oxygenated fuel, a fuel containing an oxygenate such as MTBE is preferable to an alcohol-based fuel.

Generic oils and some outboard motor oils, may not be intended for use in high-performance, air-cooled 2-stroke engines and should never be used in the engine!

- Use only fresh, clean unleaded gasoline with an octane rating of 87 or higher.
- Mix all gasoline with 2-cycle engine OIL at a gasoline/oil ratio of 50:1

IMPORTANT!

Mix only the gasoline needed for immediate use! If the fuel is to be stored for more than 30 days, it should first be treated with a stabilizer.

Fill the Fuel Tank



WARNING!

Always minimize the risk of fire when handling fuel!

- Always allow the pruner to cool down before refueling!
- Clean up all spilled fuel and move the pole pruner at least 3 meters (10 feet) from the refueling point before restarting!
- Never smoke or light fires near the pruner or fuels!
- Never place flammable material near the engine muffler!
- Do not operate the engine without the muffler and spark arrestor in place and working properly!
- Never operate this machine if the fuel system components are damaged or leaking.

1. Place the pole pruner on a flat and clean surface.
2. Remove any dirt or other debris around the fuel filler cap.
3. Remove the fuel cap and fill the fuel tank with a mixture of fresh fuel.
4. Install and securely tighten the fuel cap.
5. Clean up any spilled fuel from the head, before restarting.

Engine Starting



WARNING!

When starting the engine, make sure the cutter attachment is away from bystanders, pets, or objects. The attachment may rotate during starting.

CAUTION!

Never operate the pole pruner unless the cutter attachment is installed.

1. Place the unit firmly on the ground, ensure stability and that the cutter assembly is free and away from bystanders and objects. Hold the handle on the outer tube with your left hand and grasp the starter rope handle with your right hand. See figure 14.



Figure 14

CAUTION!

The recoil starter could be damaged by improper use.

- Always engage the starter before attempting to crank the engine.
- Never pull the starter cord to its full length.
- Always rewind the starter cord slowly.

2. Slowly pull the starter crank until the starter engages.
3. Quickly pull the starter crank to start the engine.

When the Engine Starts or Turns On

Open the stop coil by moving the stop coil lever downward.



WARNING!

The cutter assembly will engage and begin to rotate when the engine starts to accelerate.

If the engine does not continue to run, repeat the correct starting procedure (hot or cold engine).

When the engine starts, remove excess fuel from the combustion chamber by running the engine several times with the throttle trigger (operating it will automatically deactivate the "fast idle" setting).

If the Engine Does Not Start

Repeat the correct starting procedure (with a hot or cold engine). If the engine does not start after repeated attempts, the engine is probably flooded.

Proceed with the following procedure.

Starting a Flooded Engine

1. Disconnect the spark plug wire, then use the spark plug wrench to remove the spark plug (turn counterclockwise to remove). See figure 15.



Figure 15

If the spark plug is dirty or soaked with gasoline, clean the plug if necessary.

2. Open the stop coil (figure 31) and fully press the throttle trigger with your left hand, then quickly pull the starter handle with your right hand to remove excess fuel from the combustion chamber.

CAUTION!

Incorrect installation of the spark plug can cause serious engine damage.

3. Reinstall the spark plug and tighten it firmly. If a wrench is available torque wrench, tighten the spark plug to 16.7-18.6 N.m.
4. Repeat the starting procedure for a hot engine.
5. If the engine still does not start, refer to the troubleshooting section near the end of this manual.

Engine Shutdown



WARNING!

The chipping device may continue to rotate after the engine is turned off!

1. Cool the engine by allowing it to run at idle speed for two or three minutes.
2. Slide the ignition switch to the "O" or "STOP" position.

Carburetor Adjustment



WARNING!

The chipping device should never rotate at engine idle speed.

The engine must return to idle speed every time the throttle trigger is released. The idle speed is adjustable and must be set low enough to allow the engine to activate the clutch, so as to disengage the chainsaw when the throttle is released.

Check and Adjust the Idle Speed

1. Start the engine and let it run at idle speed for two or three minutes or until it warms up.
2. If the cutter device rotates with the engine at idle speed, reduce the idle speed by turning the idle adjustment screw counter-clockwise, if necessary. See figure 16.

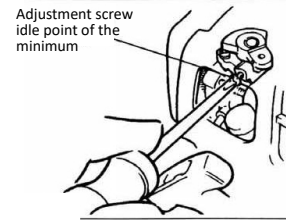


Figure 16

3. If the engine stalls and does not idle, increase the idle speed by turning the idle adjustment screw clockwise.

Safety Operations

This machine has been designed for chipping branches.

The use of this machine is not permitted for other purposes. Never attempt to chip stones, metals, synthetic materials, or any other hard object.

Using the machine for purposes other than chipping branches may damage it or cause serious injury.

Preparations

- Wear appropriate clothing and protective equipment - see the "Safety Precautions" section.
- Choose the best working position for safety against falling objects (Branch, etc.)
- Start the engine.
- Put on the belt.

Never stand directly under a branch to be chipped - beware of falling branches. Note that a branch may bounce back toward you after hitting the ground.

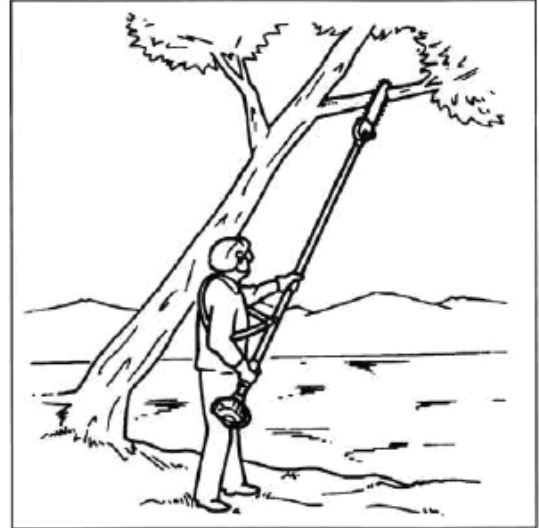
Pruning sequence:

Allow the branches to fall freely, cut the lower branch first. Prune heavy branches (with large diameter) into several manageable pieces.

Working position:

Hold the control lever with your right hand and the shaft with your left hand. Your right arm should be extended, in the most comfortable position possible.

The shaft should always be held at an angle of 60° or less.



Typical applications

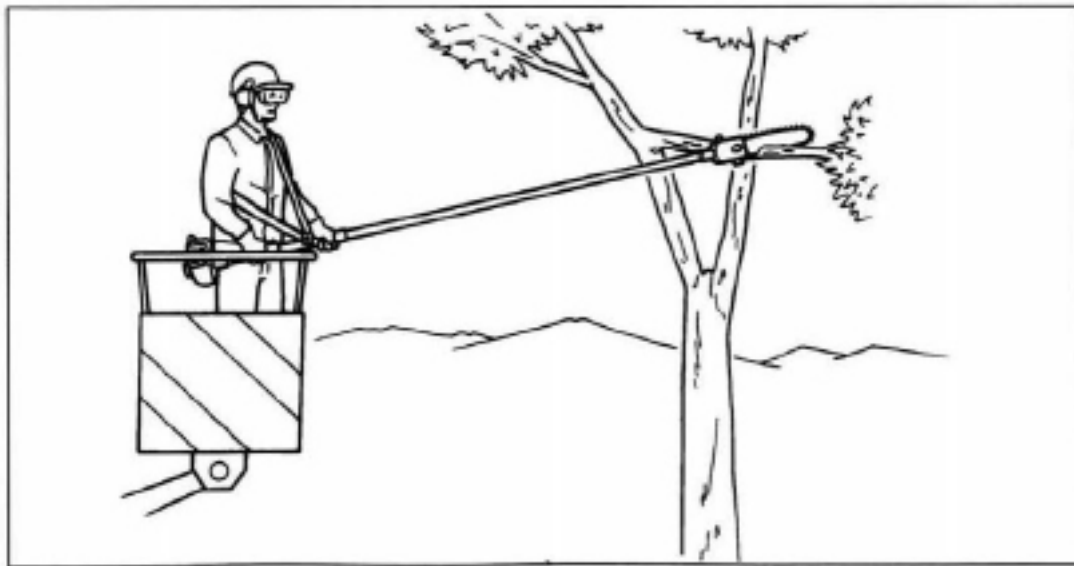
Standard cut:

The most comfortable working position is a tool angle of 60° , but any other angle can be used to suit the specific situation.

Cutting above obstacles:

Thanks to the long reach of the unit, it is possible to prune branches that are overhanging obstacles, such as rivers or lakes.

The tool angle in this case depends on the position of the branch.

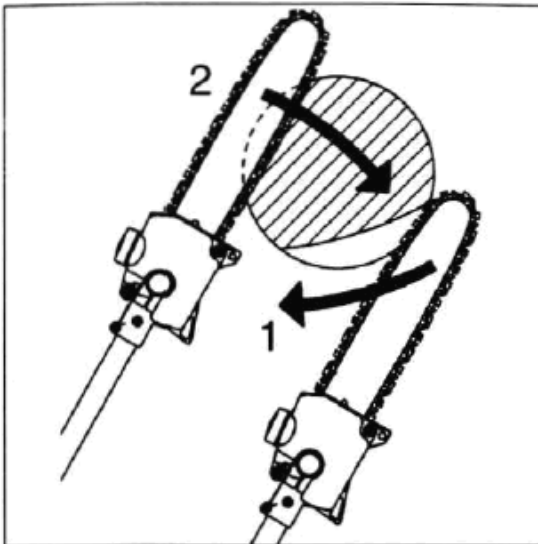


Cutting on a work platform:

The length of the unit allows pruning near a trunk without the risk of the work platform damaging other branches.

The tool angle in this case depends on the position of the branch.

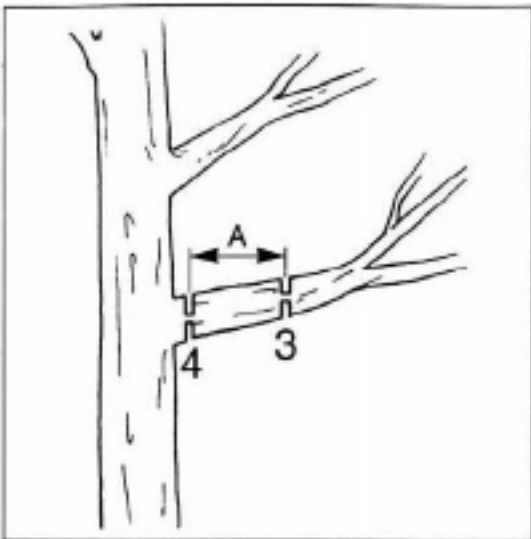
Working techniques



Reduction pruning:

To avoid tearing the bark, kickback, or bar jamming when cutting thick branches, always start pruning (1) from the underside of the branch.

To do this, apply the cutting device and pull it along the bottom of the branch up to the tip of the bar. Perform the cross cut (2).



Flush cutting of thick branches:

If the diameter of the branch is greater than 10 cm (4"), first make the undercut (3) and a cross cut at a distance (A) of about 25 cm (10") ahead of the final cut. Then perform the flush cut (4), starting with a reduction cut and ending with a cross cut.

Maintenance



WARNING!

Before performing any maintenance, repair, or cleaning work on the machine, make sure that the engine and the pruning device have been completely stopped. Disconnect the spark plug wire before performing service or maintenance work.



WARNING!

Non-standard parts may not work properly with your unit and may cause damage and result in serious injury.

Muffler



WARNING!

Operating the engine without a muffler or with a damaged or improperly installed muffler can greatly increase engine noise and lead to hearing loss.

This machine must not be operated with defective or missing spark arrestors or mufflers. Make sure the muffler is securely fastened and in good condition. A worn or damaged muffler poses a fire hazard and can cause hearing loss.

Spark plug

Keep the spark plug and connection wires tight and clean.

Daily maintenance

Before each working day, perform the following:

- Remove all dirt and debris from the engine, check the cooling fans and air filters for clogging and clean them if necessary. See figure 17.

Keep clean
the air passages



Figure 17

- Carefully remove any accumulation of dirt or debris from the muffler and from the fuel tank. Dirt accumulated in these areas can cause engine overheating, fire, or premature wear.
- Check for loose or missing screws or components. Make sure that the cutting device is free from debris and is securely safety.
- Check the entire machine for fuel or grease leaks.
- Make sure that nuts, bolts, and screws (except carburetor adjustment screws) are tight.

10-hour maintenance

CAUTION!

Do not operate the machine if the air filter or element is damaged or if the element is wet or soaked with water.

Every 10 hours of operation

(more often if in dusty or dirty conditions):

Remove the filters or air element from the air filter housing and clean it thoroughly with water and soap. Rinse and dry completely. Add a few drops of oil and spread it inside, then reassemble the element.

10/15 hour maintenance

CAUTION!

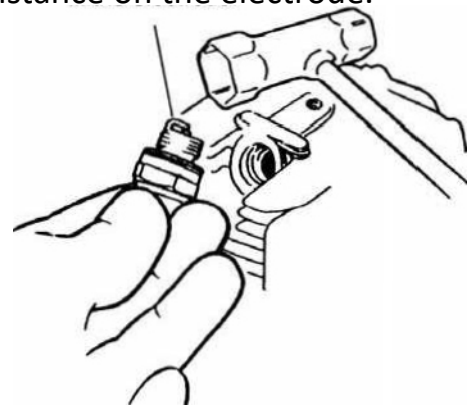
Before removing the spark plug, clean the area around the plug to prevent dirt and dust from entering the internal parts of the engine.

Every 10-15 hours of operation:

Remove and clean the spark plug. See figure 18.

Adjust the gap between the spark plug electrodes to 0.6 - 0.7 mm.

Clean the spark plug and check the distance on the electrode.



0.6 - 0.7 mm

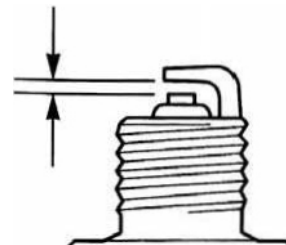


Figure 18

50-hour maintenance

Every 50 hours of operation:

(more frequently in dusty or dirty conditions):

- Remove and clean the cylinder cover and clean dirt and debris from the cylinder and cooling fan.
- Remove the sprocket cover and check if it is excessively dirty, with debris or if it is worn. Remove the guide bar and clean the groove of the guide bar. If the sprocket is excessively worn, replace it with a new one.
- Lubricate the gearbox. To perform this operation, first remove the gearbox from the upper outer tube, as follows:

CAUTION!

Do not remove the D-shaped shim washer from the gearbox clamp! The shim washer prevents damage by over-tightening the tube clamp screw.

- loosen the clamp bolt in the gearbox.
- remove the index bolt from the gearbox.
- slide the gearbox off the tube.

Use a lever grease gun, pump lithium-based grease (about 10 grams) into the grease fitting until you see old grease coming out of the gearbox, which can be seen from the cavity of the outer tube. Clean off excess grease, then reassemble the gearbox onto the outer tube.

CAUTION!

Make sure not to puncture the fuel line with the end of the hook cable. The tube is delicate and can be easily damaged.

- Use a hook cable to extract the fuel filter from inside the tank (figure 19). Inspect the fuel filter element if it shows signs of contamination. Replace it with a new one if necessary. Before reinstalling the filter, inspect the fuel line. If there is any damage or deterioration, remove the unit from use so it can be inspected by an experienced technician.

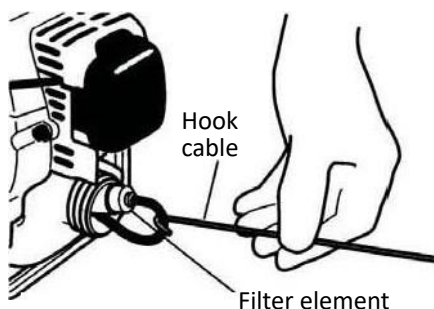


Figure 19

Long-term storage

- Clean all external parts thoroughly and apply a light layer of oil to all metal surfaces.

CAUTION!

Gasoline stored in the carburetor for prolonged periods can cause hard starting and may also lead to increased service and maintenance costs.

- Drain all gasoline from the carburetor and fuel tank.
- Remove the spark plug and pour about 3 cm of oil into the cylinder through the spark plug hole. Slowly pull the recoil starter 2 or 3 times, so that a uniform layer is created inside the engine. Reinstall the spark plug.
- Before storing the machine, repair or replace any worn or damaged parts.
- Remove the filters or air element from the carburetor and clean thoroughly with water and soap. Rinse and dry everywhere, then add a few drops of oil and spread them inside. Reassemble.
- Store the machine in a clean and dust-free place.

EC DECLARATION OF CONFORMITY - HERSTELLERERKLÄRUNG - DECLARATION 'CE' DE CONFORMITE - DECLARACION DE CONFORMIDAD - DICHIARAZIONE DI CONFORMITA' EUROPEA - GELIJKVORMIGHEIDSVERKLARING - EC DEKLARATION I OVERENSSTEMMELSE - DECLARAÇÃO CE DE CONFORMIDADE - EY ILMOITUS - FORSAKRAN OM OVERENSSTAMMELSE - BEKREFTENDE EU ERKLÆRING - ΔΗΛΩΣΗ ΕΚ ΣΥΜΜΟΡΦΩΣΗΣ - EUROPEJSKA DEKLARACJA ZGODNOSCI

1) MANUFACTURER – HERSTELLER – FABRICANT – FABRICANTE – COSTRUTTORE – CONSTRUCTEUR – PRODUCTENT – FABRICANTE – VALMISTAJA – TILLVERKARE – FABRIKANT – Κατασκευαστής – PRODUCENT:
Blue Bird Industries Fabbrica Motori s.r.l.
Via Due Camini 19, 36010 (VI) Italia

2) DESCRIPTION OF THE MACHINERY – BESCHREIBUNG DER MASCHINE – DESCRIPTION DE LA MACHINE – DESCRIPCION DE LA MAQUINARIA – DESCRIZIONE DELLA MACCHINA – BESCHRIJVING VAN DE MACHINE – BESKRIVELSE AF MASKINEN – DESCRIÇÃO DA MAQUINA – KONEEN NIMITYS – MATERIELSLAG – BESKRIVELSE AV MASKINERIE – ΠΕΡΙΓΡΑΦΗ ΤΩΝ ΜΗΧΑΝΩΝ – OPIS MASZYN:
POTATORE A PALO – POLE CHAIN SAW

a) MAKE – FABRIKAT – MARQUE – MARCA – MARCA – MERK – MÆRKE – MARCA – MERKKI – FABRIKAT – FABRIKANT – MAPKA – MARKA:
BLUE BIRD

b) TYPE / TYP / TYPE / TIPO / TIPO / TYPE / TYPE / TIPO / MALLI / TYPBE / TYPE / TYÖNÄMÄKKE / TYP:
PPT 261

2000/14/EC (2005/88/EC) – Livelli di potenza sonora come da allegato VI – Sound Power Levels performed per annex VI	
TIPO	Livelli di Potenza Sonora Misurata / Livelli di Potenza Sonora Garantita LWA Sound Power Levels Measured / Sound Power Level Guaranteed LWA (dB)
PPT 261	92/111

c) Il prodotto è conforme alle direttive - The product complies with the directives - Das Produkt entspricht den Richtlinien - Le produit est conforme aux directives - El producto cumple con las directivas :

- 2006/42/EC – 2014/30/EU – 2000/14/EC (2005/88/EC) – 2011/65/EU

d) Il controllo CE del campione di costruzione secondo la direttiva 2006/42/CE, Art 12.3(b) è stato eseguito presso:

The EC type examination test was carried out pursuant to Directive 2006/42/EC, Art 12.3(b) at:

Die EG-Baumusterprüfung nach Richtlinie 2006/42/EG, Art. 12.3(b) wurde durchgeführt bei:

L'examen CE de type conformément à la directive 2006/42/CE Art. 12.3(b) a été effectué par l'office de contrôle:

La prueba de examen CE de tipo se llevó a cabo de conformidad con la Directiva 2006/42 / CE, Art.12.3 (b) en:

- TÜV SÜD Product Service GmbH at Ridlerstraße 65, 80339 Munich, Germany - Certificate No. M6A 16 03 60636 246

e) REFERENCE TO STANDARDS/HARMONIZED STANDARDS - VERWEIS AUF NORMEN/HARMONISIERTE NORMEN - REFERENCE AUX NORMES/NORMES HARMONISEES - REFERENCIA A ESTANDARES/ESTANDARES ARMONIZADOS - RIFERIMENTO ALLE NORME/NORME ARMONIZZATE - REFERENTIE NAAR STANDAARDEN/GEHARMONISEERDE STANDAARDEN - REFERENCE TIL STANDARDER/HARMONISEREDER STANDARDER - REFERENCIA AS NORMAS/NORMAS HARMONIZADAS - VITTAUS STANDARDEIHIN/YHTEISIIN STANDARDEIHIN - REFERERANDE TILL STANDARDER/HARMONISERADE STANDARDER - HENVISNING TIL STANDARD/FELLES STANDARD - ΑΝΑΡΩΠΑ ΕΕ ΕΕΟΜΕΝΑ/ΕΝΑΡΜΟΝΙΕΜΕΝΑ ΕΕΟΜΕΝΑ - ODNIESIENIE DO NORM/NORM ZHARMONIZOWANYCH:
EN ISO 11680-1:2011

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BLUE BIRD INDUSTRIES – FABBRICA MOTORI s.r.l.
ZANE' (VI) – ITALIA 16-03-2016
The chairman – Der vorsitzender – Le président – El presidente – Il presidente – De voorzitter – Daglig leder – O presidente – Toimitusjohtaja – Verkställande direktör – Administrerende direktør – O ΠΡΟΕΔΡΟΣ - Prezes

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BLUE BIRD INDUSTRIES Fabbrica Motori s.r.l.

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