

TOTAL

说明书材质要求：105g 有光铜版纸

说明书成品尺寸：105*143mm

■ Black (单色印刷)

折叠方式：骑马钉

备注：

特别注意：此页内容不印刷

风琴折 + 对折 页面顺序

16P 页面顺序

9	10	11	封面
12	13	14	封底

1	2	3	4
5	6	7	8

20P 页面顺序

11	12	13	14	封面
15	16	17	18	封底

1	2	3	4	5
6	7	8	9	10

更改记录

1. 更新新版本，
更新公司名地址

T0424.V03	2024.4.25	QQY
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版本号	日期	设计师
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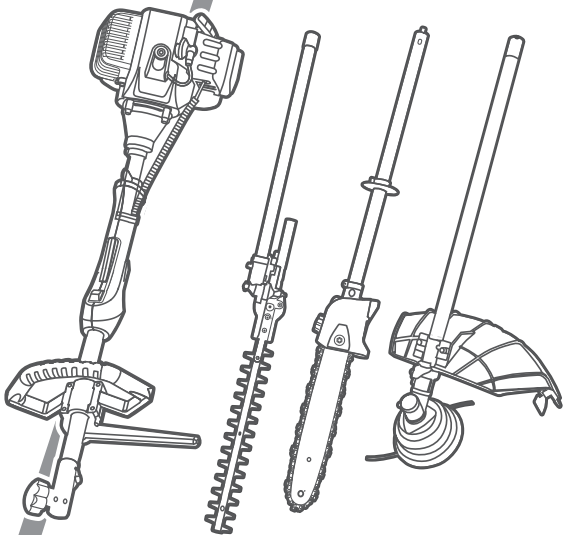
TOTAL

One-Stop Tools Station

TOTAL

**4-IN-1 GASOLINE
HEDGE TRIMMER
MULTI TOOL**

PRODUCT MANUAL



TMT55211



Original Instructions

GENERAL SAFETY WARNINGS

Proper safety precautions must be observed. Like all power equipment this unit must be handled carefully. **DO NOT EXPOSE YOURSELF OR OTHERS TO DANGER.** Follow these general rules. Do not permit others to use this machine unless they are thoroughly responsible and have read, and understand the machine manual and are trained in its operation.

- Always wear safety goggles for eye protection. Dress properly, do not wear loose clothing or jewelry that could become caught in moving parts of the unit. Safe, sturdy, nonskid footwear should always be worn. Long hair should be tied back. It is recommended that legs and feet be covered to protect from flying debris during operation.
- Inspect the entire machine for loose parts (nuts, bolts, screws, etc.) and any damage. Repair or replace as necessary before using the machine. **DO NOT USE** any attachment with this power head other than the ones recommended by our company. Serious injury to the operator or bystanders could result as well as damage to the machine.
- Keep the handles free from oil and fuel.
- Always use proper handles and shoulder strap when cutting.
- Do not smoke while mixing fuel or filling tank.
- Do not mix fuel in an enclosed room or near open flames. Assure adequate ventilation.
- Always mix and store the fuel in a properly marked container that is approved by local codes and ordinances for such usage.
- Never remove the fuel tank cap while the engine is running.
- Never start or run the engine inside a closed room or building. Fumes from the exhaust contain dangerous carbon monoxide.
- Never attempt to make engine adjustments while the unit is running and strapped to the operator. Always make engine adjustments with the unit resting on a flat, clear surface.
- Do not use the unit if it is damaged or poorly adjusted. Never remove the machine's guard. Serious injury to the operator or bystanders could result as well as damage to the machine.
- Inspect the area to be cut and remove all debris that could become entangled in the nylon cutting head. Also remove any objects that the unit may throw

during cutting.

- Keep children away. Onlookers should be kept at a safe distance from the work area, at least 15 meter (50 feet)
- Never leave the machine unattended.
- Do not use this unit for any job other than those for which it is intended as described in this manual.
- Do not overreach. Keep proper footing and balance at all times. Do not run the unit while standing on a ladder or on any other unstable footing location.
- Keep hands and feet clear of the nylon cutting head or blade while unit is in use.
- Do not use this type of machine for sweeping away debris.
- Do not use the unit when you are tired, ill or under the influence of medication, drugs or alcohol.
- Use nylon cutting head which is free of damage. If a stone or any other obstacle is hit, stop the engine and check the nylon cutting head. A broken or unbalanced nylon cutting head must never be used. FOLLOW INSTRUCTION FOR CHANGING ACCESSORIES.
- Do not store in a closed area where fuel vapors can reach an open flame from hot water heaters, furnaces, etc. Store in a locked, well-ventilated area only.
- Ensure safe and proper performance of your product. These parts are available from your dealer. The use of any other accessories or attachments may cause a potential hazard or injury to the user, damage to the machine and void this warranty.
- Clean the machine completely, especially, the fuel tank, its surroundings, and the air cleaner.
- When refueling, be sure to stop the engine and confirm that it is cooled down. Never refuel when the engine is running or hot. When gasoline spills, be sure to wipe it up completely dispose of those materials before starting the engine.
- Stay clear of other workers or bystanders by at least 15 meters/50 feet.
- Whenever approaching an operator of the machine, carefully call his attention and confirm that the operator stops the engine. Be careful not to startle or distract the operator which can cause an unsafe situation.
- Never touch the nylon cutting head or blade whenever the engine is running. If it is necessary to replace the protector or cutting attachment, be sure to stop the engine and confirm that the cutting device has stopped running.

- The engine should be turned off when the machine is moved between work areas.
- Be careful not to hit the nylon cutting head against stones, or the ground.
- Unreasonable rough operation will shorten the life of the machine as well as create an unsafe environment for yourself and those around you.
- Pay attention to loosening and overheating of parts. If there is any abnormality of the machine, stop operation immediately and check the machine carefully. If necessary, have the machine serviced by an authorized dealer. Never continue to operate a machine which may be malfunctioning.
- In start-up or during operation of the engine, never touch hot parts such as the muffler, the high voltage wire or the spark plug.
- After the engine has stopped, the muffler is still hot. Never place the machine in any places where there are flammable materials (dry grass, etc.), combustible gasses or combustible liquids.
- Pay special attention to operation in the rain or just after the rain as the ground may be slippery.
- If you slip or fall to the ground or into a hole, release the throttle lever immediately.
- Be careful not to drop the machine or hit it against obstacles.
- Before proceeding to adjust or repair the machine, be sure to stop the engine and detach the spark plug.
- When the machine is placed in storage for a long time, drain fuel from the fuel tank and carburetor, clean the parts, move the machine to a safe place and confirm that the engine is cooled down.
- Make periodic inspections to assure safe and efficient operation. For a thorough inspection of your machine, please contact a dealer.
- Keep the machine away from fire or sparks.
- It is believed that a condition called Raynaud's phenomenon, which affects the fingers of certain individuals may be brought about by exposure to vibration and cold. loss of color and numbness in the fingers. The following precautions are strongly recommended because the minimum exposure which might trigger the ailment is unknown. Keep your body warm, especially the head, neck, feet, ankles, hands and wrists.
- Maintain good blood circulation by performing vigorous arm exercises during frequent work breaks and also by not smoking.

- Limit the hours of operation. Try to fill each day with jobs where operating the brush cutter or other hand-held power equipment is not required.
- If you experience discomfort, redness and swelling of the fingers followed by whitening and loss of feeling, consult your physician before further exposing yourself to cold and vibration.
- Always wear ear protection, loud noise for long time can make hearing debase even lost hearing.
- Total face and head protection must be worn to prevent damage from plummet or branch.
- Wear no-slip heavy duty work gloves to improve your grip on the brush cutter handle. Gloves also reduce the transmission of machine vibration to your hands.











⚠ WARNING:

- The cutter area is still dangerous while the machine is coasting to a stop. When transport, this unit must be handled carefully. Do not expose yourself or others to danger. Envelop the blade before storage. Keep children away from it.
- Never remove the machines guard.
- Do not store in a closed area where fuel vapors can reach an open flame from hot water heaters, furnaces, etc. Store in a locked, well-ventilated area only.
- Never place the machine in any places where there are flammable materials (dry grass, etc.), combustible gasses or combustible liquids.
- When the machine is placed in storage for a long time, drain fuel from the fuel tank and carburetor, clean the parts, move the machine to a safe place and confirm that the engine is cooled down.
- Emission of exhaust gases
- National regulation can restrict the use of the machine. Never modify a trimmer or cutter in any way.
- Improper use of the machine can cause **SERIOUS OR FATAL PERSONAL INJURY**.
- The engine exhaust form this product contains chemicals to cause cancer, birth defects, of other reproductive harm.






Kickback and related warnings

- Kickback is a sudden reaction to a pinched or snagged rotating wheel, backing pad, brush or any other accessory. Pinching or snagging causes rapid stalling of the rotating accessory which in turn causes the uncontrolled power tool to be forced in the direction opposite of the accessory's rotation at the point of the binding.
- For example, if an abrasive wheel is snagged or pinched by the workpiece, the edge of the wheel that is entering into the pinch point can dig into the surface of the material causing the wheel to climb out or kick out. The wheel may either jump toward or away from the operator, depending on direction of the wheel's movement at the point of pinching. Abrasive wheels may also break under these conditions.
- Kickback is the result of power tool misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below.
-
- Never place your hand near the rotating accessory. Accessory may kickback over your hand.
- Do not position your body in the area where power tool will move if kickback occurs. Kickback will propel the tool in direction opposite to the wheel's movement at the point of snagging.
- Use special care when working corners, sharp edges etc. Avoid bouncing and snagging the accessory. Corners, sharp edges or bouncing have a tendency to snag the rotating accessory and cause loss of control or kickback.

THE SYMBOLS IN INSTRUCTION MANUAL

	<p>Read the instruction manual before using.</p>
	<p>Safety alert. Please only use the accessories supported by the manufacturer.</p>
	<p>Wear safety glasses, hearing protection and dust mask.</p>
	<p>Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.</p>
	<p>The operator of the machine must ensure, while working, that no persons or animals come closer than 15 meters (50ft)</p>
	<p>Maximum height of use: 10 meters. Risk of projections! Keep bystanders away.</p>
	<p>Danger of kickback.</p>
	<p>Wear gloves</p>
	<p>Wear protective and non-skid shoes.</p>
	<p>Warning! Cutting elements.</p>

THE SYMBOLS IN INSTRUCTION MANUAL

	Exhausting gas is dangerous. Do not inhale them.
	Do not smoke.
	Caution: the accessible surface maybe hot when using the too.
	Guarantee noise level
	Maximal rotation of speed of the spindle.

ADDITIONAL SAFETY WARNING

Even if you use this tool correctly, there are always residual risks. The following hazards may arise in connection with the structure and manufacture of this power tool:

1. Hearing impairment if no suitable hearing protection is worn.
2. Cuts if no suitable protective clothing is worn.
3. Health damage resulting from vibration in the hands and arms if the device is used for a long period of time or is not handled and maintained properly.
4. Inhalation of particles
5. Inhalation of exhaust gases
6. Skin contacts with oil / gasoline
7. Inhalation of gasoline / oil vapors
8. Contact with projected objects
9. Burns when touching with hot surfaces

Prolonged use of this product exposes the operator to vibration and can produce so-called "white finger" disease. To reduce the risk, wear gloves and keep your hands warm.

If any of the symptoms of "white finger syndrome" occur, seek immediate medical attention. Symptoms of the "white finger" include numbness, loss of sensitivity, tingling, pain, loss of strength, color changes or skin condition. These symptoms usually appear on the fingers, hands or wrists. Risk increases at low temperatures.

INTENDED USE

This machine can be used as a trimmer with the cutting edge, and as a brush cutter with the cutting blade.

The grass trimmer must be strictly and only to cut grass or weeds that are not too dense. The brush cutter must be used to cut hard grass, more dense weeds and small branches with a maximum diameter of 10mm.

Improper use

This machine is not intended to cut bushes or others similar plants requiring the tool to get off the ground. Do not use this tool to work other materials such as stones, clay soils, etc.

Mounted pole pruner

Intended use / improper use

The pole pruner is exclusively intended for pruning trees and/or cutting small wood from the ground. Any other use is considered improper and will damage the tool.

The correct use also includes reading and observing the instructions for use at each use as well as observing the warnings fixed on the machine. Before and during use, it is imperative to check the blade to ensure that there is no mechanical damage. In case of necessary repairs, please contact your specialist dealer.

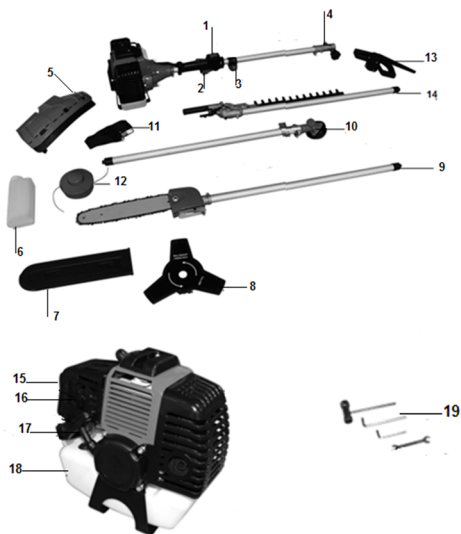
Only the use of spare parts approved by the manufacturer or original spare parts is permitted. If unauthorized or non-original spare parts are used, the user is liable for consequential injury to persons or property resulting in the manufacturer being deprived of all liability.

Hedge trimmer

Intended use

Your hedge trimmer is a device used by a person to trim hedges and shrubs by working with one or more blades arranged linearly and back and forth. A potential hazard exists if the device is used for other purposes. Improper handling of the hedge trimmer increases the risk of injury from blades. Only the use of spare parts and accessories approved by the manufacturer is permitted.

SPECIFICATIONS



Components

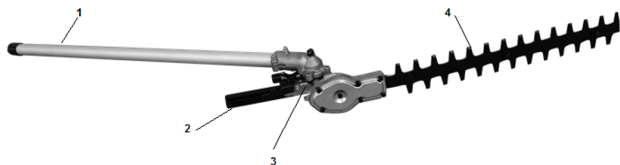
- | | |
|--|------------------------------------|
| 1. ON/OFF Switch | 11. Shoulder strap |
| 2. Throttle lever | 12. Cutting head for grass trimmer |
| 3. Hanger | 13. Handle |
| 4. Mounting tube | 14. Hedge trimmer |
| 5. Carter of protection (brush cutter and trimmer) | 15. Air filter |
| 6. Bottle for the oil mixture | 16. Choke lever |
| 7. Cover protection of the blade (pruner) | 17. Starter |
| 8. 3 teeth blade (brush cutter) | 18. Fuel tank |
| 9. Pole mounted pruner | 19. Tool set |
| 10. Tube (brush cutter and trimmer) | |

Pole mounted pruner



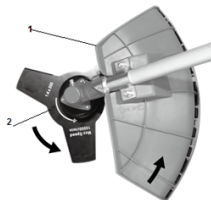
1. Tube
2. Oil tank for lubrication
3. Saw chain

Hedge trimmer

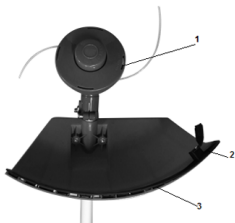


1. Tube
2. Adjustment lever
3. Notching of adjustment 135° from cutting unit
4. Blade

Brush cutter



1. Carter of protection
2. 3-teeth blade



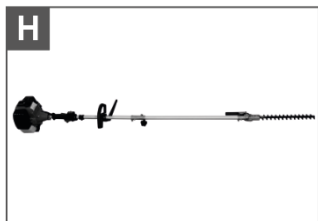
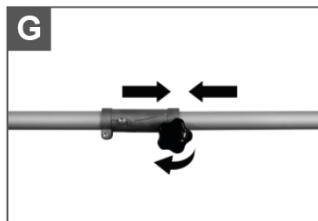
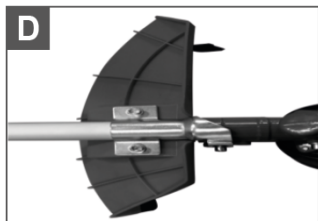
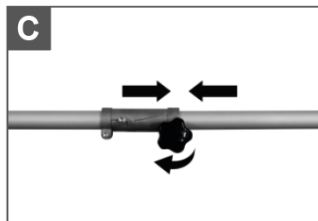
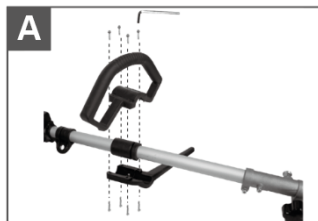
1. Nylon wire
2. Device of cutting the nylon wire
3. Carter of protection

Technical specifications

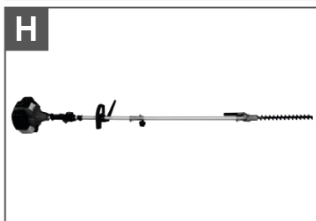
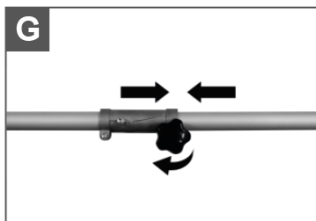
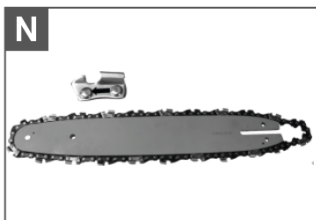
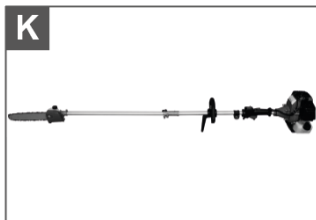
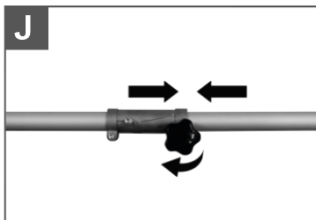
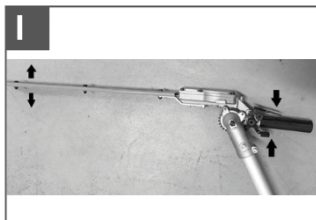
Engine information.	
Type of engine	RY1E44F-5, 2-stroke engine
Volume of the fuel tank	1200 cm ³
Max engine speed	Max. 10000 min ⁻¹
Engine idling speed	3100±400 min ⁻¹
Clutch engagement speed	4500 min ⁻¹
Engine displacement	52 cm ³
Maximal power	1.4 kW
Brush cutter	
Unit without cutting attachment, empty tank	7,3 kg
Cutting diameter	255 mm
Cutting thickness	1.4 mm
Number of cutting teeth	Single piece (three teeth metal blade)
Blade hole centre diameter	25.4
Maximum rotational frequency of the spindle	7500 min ⁻¹
Gear ratio	4:3
Engine speed with cutting attachment	10000 min ⁻¹
Cutting blade	JINLIFU 10000/min
Vibration ahv (front handle)	ahveq =7,15m/s ²
Vibration ahv (rear handle)	ahveq =6,83m/s ²
Noise Emission	Sound pressure: LpA, av = 90.6dB(A) Sound power: LwA, av = 109.4 dB (A)

Hedge trimmer	
Unit without cutting attachment, empty tank	7.9 kg
Cutting length	390 mm
Type of the hedge trimmer blade	PN410/ HUZHOU JINLIFU YK-58/YINKE
Engine speed with hedge trimmer attachment	10000 min ⁻¹
Gear ratio	28:7
Vibrations	7.2m/s ² . K= 1.5 m/s ²
Noise emission	Sound pressure: LpA, av = 93dB (A) Sound power: LwA, av = 113dB (A) Uncertain: K = 3dB (A)
Grass trimmer	
Unit without cutting attachment, empty tank	7.3 kg
Cutting diameter	420 mm
Cutting thickness	Ø2.4 mm
Number of cutting teeth	2 lines (non-metallic flexible line)
Maximum rotational frequency of the spindle	6600
Gear ratio	4:3
Cutting string head	ROYAL, 10000/min
Engine speed with cutting attachment	8800 min ⁻¹
Vibration ahv (front handle)	ahveq=6,67 m/s ²
Vibration ahv (rear handle)	ahveq=6,48 m/s ²
Noise emission	Sound pressure: LpA, av = 91,3dB (A) Sound power: LwA, av = 110.9dB (A)
Pole pruner	
Unit without cutting attachment, empty tank	7.5 kg
Volume of oil tank	140 cm ³
Cutting length	300 mm
Chain pitch	9.525 mm
Chain gauge	1.27 mm
Sprocket	7 dents * 9.525 mm
Gear ratio	1:1
Engine speed with cutting attachment	9300
Vibration ahv (front handle)	ahveq=6.51 m/s ²
Vibration ahv (rear handle)	ahveq=6.46 m/s ²
Noise Emission	Pression sonore: LpA, av=89.9dB(A) Puissance sonore : LwA, av=108.8dB(A)

OPERATION PICTURE



OPERATION PICTURE



OPERATION

Install the front handle as shown in the picture below. Be sure to orient the stem toward the hole. Do not fasten the screws until you have set the most comfortable working position with the straps. The front handle must be oriented as shown in the picture for "the motor and drive unit". **(See Figure A)**

Install the desired tube on the bar of the main unit. Be sure that the locking pin is inserted in the hole of the bar

Fix the bar by turning the nut anticlockwise. **(See Figure B)**

Carter of protection (Brush cutter and grass trimmer) (See Figure C)

Remove the two screws from the carter of protection.

On the tube of the brush cutter/grass trimmer, place the carter of protection on its support.

Screw the carter of protection with the two screws.

3-theethes blade for brush cutter (See Figure D)

On the tube of the brush cutter/grass trimmer, insert a metal locking tool into the hole on the side of the drive gear and on the tool drive.

Remove cover bell and the holding nut from the shaft.

Install, in the following order, on the shaft: the blade, the cover bell and then the holding nut.

Remove the metal locking tool.

To remove the metal blade, put a metal locking tool into the hole on the side of the drive gear and on the tool drive. Unscrew the holding nut and then remove the cover bell and the blade.

Cutting head for grass trimmer (See Figure E)

On the tube of the brush cutter/grass trimmer, insert a metal locking tool into the hole on the side of the drive gear and on the tool drive.

Remove cover bell and the holding nut from the shaft.

Install and screw the nylon cutting head. Make that it is well installed.

Remove then the metal locking tool.

To remove the nylon cutting head, put a metal locking tool into the tool and then unscrew the nylon cutting head.

Hedge trimmer (See Figure F)

Install the bar of the main unit. Be sure that the locking pin is inserted in the hole of the bar

Fix the bar by turning the nut anticlockwise.

Press the release / safety plate to loosen and turn the unit to the desired position according to the type of work to be performed.

Loosen the release / safety plate, making sure that the sharp accessories are secure. **(See Figure G)**

Pole pruner (See Figure I)

Install the bar of the main unit. Be sure that the locking pin is inserted in the hole of the bar

Fix the bar by turning the nut anticlockwise.

Assembly of the chain guide and the cutting chain: (See Figure J、K)

Remove the safety screw and remove the guard.

Place the chain guide so that the safety pin on the chain engages in the chain's teeth. Make sure that the direction of movement of the cutting chain is correct. Install the chain guard and tighten the fastening screw. **(See Figure L)**

Adjusting the chain tension (See Figure M、N)

The chain must not have too much clearance, but it must be possible to lift the chain a few millimeters from the guide rail.

- Loosen the fixing screw.
- Slightly lift the end of the chain guide
- Check the cutting chain for ease of operation by turning it manually.
- Adjust the tension of the chain by means of the screw for adjusting the tension

of the chain (4) so that the chain can be lifted a few millimeters from the center of the guide rail.

- Secure the safety screw.

Installation of the harness

Hang the harness in its dedicated location on the tube. Adjust the size of the harness properly to have a correct working position.

The shoulder strap is equipped with an emergency release mechanism. To detach the machine from the shoulder strap in emergency situations, pull the rope to move away from the machine.

WARNING!

Check the emergency release mechanism BEFORE operating the machine.

Be sure to hold the machine when operating the emergency release mechanism.

When holding the machine firmly with your right hand, press both sides of the belt buckle

FILLING TANK

WARNING!

Gasoline is highly flammable. Keep the fuel in specially designed cans.

- Only fill the tank outside and do not smoke during the operation.
- Fill the tank before starting the engine. Never remove the fuel tank cap, add fuel while the engine is still running, or while the engine is still warm.
- Avoid overfilling the tank: When excess fuel has escaped, do not attempt to start the engine, but move the machine away and avoid any sources of ignition in the vicinity until the fuel vapors have dissipated.
- Fully tighten all fuel filler caps and cans.
- Fill the tank on the floor.
- The engine must be started at a distance of at least 3 meters from where the fuel tank has been filled.

- Switch off the engine before adding fuel. Shake the mixture thoroughly before filling the tank.
- Store gasoline in tanks specially designed for this purpose.
- Fill the fuel tank of your appliance outdoors and avoid smoking during work.
- Fill the tank before starting the engine. Never open the fuel tank cap or fill fuel tank while the engine is running or the engine is still hot.
- Avoid spilling gasoline: When gasoline is spilled, do not start the machine and move it away from where the gasoline has spilled to avoid possible sources of fire.
- Screw all caps and tank cover carefully

Gasoline is highly flammable. Do not smoke and avoid sparks or open flames near the fuel. Turn the engine off and allow it to cool before filling the fuel tank. Filling must be done externally, ideally on the bare ground. Leave at least 3 meters from where you filled the tank to start the engine.

The engine requires oil specially adapted for two-stroke engines with an air-cooling system. Use quality oil enriched with corrosion-inhibiting products explicitly provided for two-stroke engines with an air-cooling system (JASO FC or ISOEGC).

Do not use BIA or TCW OIL (suitable for 2-stroke engines equipped with a water-cooling system).

SUGGESTED PROPORTIONS: GASOLINE 40: OIL 1

Exhaust emissions are regulated by the basic technical characteristics of the engine and its components (carburation, adjustment of spark plugs, control of exhaust opening and closing times) in the absence of accessories or a catalyst during combustion.

- - These motors are designed for use with unleaded gasoline.
- - Always use gasoline with a minimum octane rating of 90RON.
- - Using gasoline with a lower octane rating may cause an increase in engine temperature, causing problems with the engine, including seizure.
- - Using unleaded gasoline prevents unnecessary pollution in the interests of your health and the protection of the environment.
- - Using gasoline or oil of lesser quality can damage seal rings, ducts or fuel tank.
- Prepare the mixture

IMPORTANT

MIX THE MIXTURE CAREFULLY.

1. Measure the fuel and oil needed for the fuel mixture.
2. Pour a little gasoline into a clean container provided for this purpose.
3. Add all the oil before stirring the can.
4. Add remaining gasoline and shake the can for at least 1 minute. Certain oils mix with difficulty because of the substances they contain. Sufficient agitation of the mixture is essential to ensure proper operation over the life and power of the engine. If your fuel mixture is not stirred sufficiently, the poor and inadequate mixture may increase the risk of seizure.
5. Identify the can by locating it with a distinctive emblem in order to always know what is there.
6. Indicate the substances contained and the proportions of the mixture.

Filling the tank

- a. Unscrew the tank cap. Place the tank cap in a clean, dust-free place.
- b. Fill the tank to 80% of its capacity.
- c. Screw the fuel cap back on. Clean the fuel tank cap and the area around after filling the fuel tank. Eliminate overfill of fuel mixture by rubbing.

NOTE

When filling, avoid:

OIL-FREE FUEL (PURE FUEL) - This can quickly cause serious damage to the interior of the engine components.

GASOHOL - may cause deformation of rubber or plastic parts and cause engine lubrication to stop.

OIL FOR 4-TIME ENGINES - causes clogging of the spark plug, clogs the exhaust channel or leads to seizure.

Fuel mixtures stored for more than one month may, if used, clog the carburetor and cause the engine to malfunction.

If the unit is to be stored for an extended period of time, the tank must be cleaned after being emptied. Leave the engine running to remove the remaining fuel from the carburetor.

Observe local regulations when disposing of used containers.

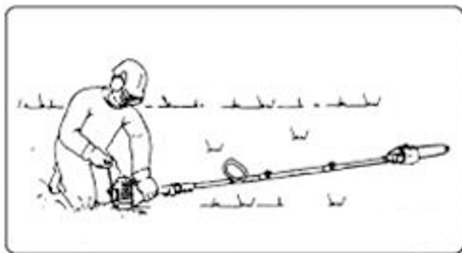
UTILISATION

a) Starting the 4-in-1 multifunction tool

Do not start the appropriate module of the machine until all components have been connected correctly! Attach the cutting blade of the brush cutter with a torque of 20 Nm and the cutting head of the mower with a tightening torque of 15Nm.

WARNING Fill the fuel tank before tightening the fuel tank cover.

Put the machine on a level, solid floor. Keep the cutting head away from the ground and away from surrounding objects.

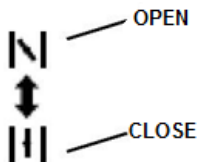


Press the priming bulb 5 to 8 times until fuel flows through the clear hose.

Position the choke in the closed position.

Set the ON/OFF switch to position "I". Make sure the cutting head is clear.

Keep the machine on the ground safely and then pull the starter until the engine starts.



⚠ WARNING:

The machine is equipped with a centrifugal clutch system.

When starting the engine, place the machine on a level, clean floor and hold it firmly to prevent the sharp components or the throttle lever from coming into contact with any objects when the engine is started.

IMPORTANT

Avoid pulling the starter to the end or return the cable by suddenly releasing its handle. This can cause the engine to fail.

Position the choke in the "open" position and restart the engine.

Let the engine warm up a few minutes before starting work.

NOTE

- When restarting the engine directly after stopping it, keep the choke switch in the "open" position.
- Overheating complicates engine starting due to overfilling of fuel. If the engine does not start after several attempts, open the starter and press the starter several times, or remove and dry the spark plug.

b. Stop the engine

- Release the throttle lever and let the engine run for about 30 seconds.
- Set the ON/OFF switch to the 0 position.

IMPORTANT

Except in case of emergency, do not switch off the engine by pulling on the choke lever.

If the engine does not stop by pressing the stop switch, move the choke to the closed position.

c. Using the grass trimmer

Be sure that you have installed the correct accessory.

Trimming

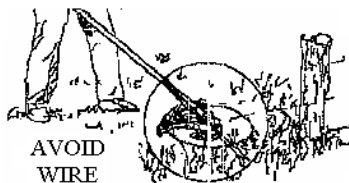
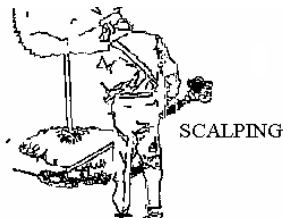
Tilt the head slowly to direct debris away from you. If cutting up to a barrier such as fence, wall or tree, approach from an angle where any debris ricocheting off the barrier will fly away from you, Move the line head slowly until the grass is cut right up the barrier, but do not jam (overfeed) the line into the barrier. If trimming up to a

wire mesh or chain linked fence be careful to feed only up to wire. If you go too far the line will snap off around the wire. Trimming can be done to cut through weed stems one at a time. Place the trimmer line head near the bottom of the weed-never high up which could cause the weed to chatter and catch the line. Rather than cut the weed right through, just use the very end of the line to wear through the stem slowly.

Scalping and edging

Both of these are done with the line head tilted at a steep angle Scalping is removing top growth leaving the earth bare.

Edging is trimming the grass back where it has spread over a sidewalk or drive way. During both edging and scalping, hold the unit a steep angle and in a position where the debris, and any dislodging dirt and stones, will not come back towards you even if it ricochets off the hard surface. Although the picture shows how to edge and scalp every operator must find for himself the angles which suits his body size and cutting situation.



d. Using the brush cutter

Be sure that you have installed the correct accessory.

- Do not use the brush cutter for cutting trees.
- Do not cut with dull, cracked or damaged meal blade.
- Before cutting growth, inspect for obstructions such as boulders, metal stakes or strands of wire from broken fences. If an obstruction cannot be removed, mark its location so that you can avoid it with the blade. Rocks and metal will dull or damage a blade. Wire can catch on the blade head and flap around or be thrown into the air.
- Use the shoulder harness at all times adjust both harness and harness clamp on the unit so that the unit hangs a few inches above ground level. The cutting head and the debris shield should be level in all directions. Harness the unit on the right side of your body.
- Cut only with the side of the blade that the debris is moving away from you.
- If kickback occurs, the blade may be dull, or the material so thick and hard that you should use other tool instead of this machine.
- Do not force the blade to cut. Do not change the angle of cut after into the wood. Avoid using any pressure or leverage which could cause the blade to bind or crack.

Scything weeds

This is cutting by swinging the blade in a level arc. It can quickly clear areas of field grass and weeds. Scything should not be used to cut large, tough weeds or woody growths.

Scything can be done in both directions, or just in one way which results in the debris being thrown away from you.

That is using the side of the blade that it is rotating away from you. Tilt down the blade slightly on this same side. You will be hit by some debris if you scythe in both directions.

Using the hedge trimmer

When using the machine on lawns, hold the scythe at an angle of 30 ° and perform semi-circular movements by sweeping the ground from left to right.

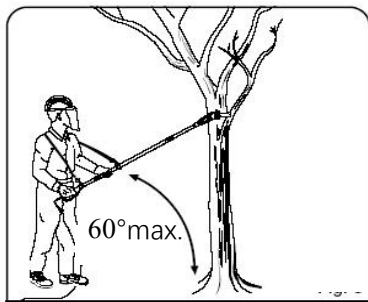
The best results are obtained when the grass is 15 cm high. When the grass is higher, we recommend repeating the mowing several times.

Warning! Never place the cutting head on the ground while the machine is running.

- It is recommended to cut the trapezoidal hedges to prevent the lower branches from being stripped. This corresponds to the natural growth of plants and hedges can be potentially prosperous. The cut makes the new annual shoots reduced, so a dense branching and a good protection of the sight must be considered.
- First cut the edges of a hedge. Move the hedge trimmer to cut the part that grows greatly from bottom to top. If you cut from top to bottom, the thinner branches move outward; Narrow places or holes may form.
- Cut the top of the hedge, just like a roof or a round shape.
- Cut the seedlings into the desired shape. The main stem must be intact and remain until the hedge reaches the proposed elevation. All other shoots should be cut to half.

Using the pole pruner

Never use the tool at an angle of more than 60°. The correct operation of the pruner is not impaired at angles greater than 60 °, but the risk of injury increases due to sudden drops of branches. Pay attention to the floor in front of you when using the appliance. This allows you to avoid tripping over branches on the ground. Never use the saw without oil. Use a biodegradable chain oil. The pruning machine uses a low rebound chain. In addition, special attention has been paid to the construction of the device to prevent the smallest possible rebounds given the technical conditions given. Nevertheless, a slight rebound cannot be ruled out by using the upper cutting blade. Expect a rebound when using this side of the blade or when the top of the blade comes into contact with another branch. The device should always be used with both hands. The thin branches can be cut at once. To prevent a branch from splitting or bending, it is advisable to slice it end to end. When slitting longer branches, the branch should be cut from the bottom. First cut the branch from below at a point away from where you want to saw the branch. The notch must have a depth between one third and one half the thickness of the branch. This prevents the branch from breaking when you cut it from the top a little further away from the trunk. To finish, saw the stump by making a straight cut. If you wish, you can seal the cut using a suitable product.



Care and maintenance

Regularly maintain your tool. This will keep your tool running smoothly and extend its life. The tool must always be kept in good working order.

Do not use abrasive, caustic products to clean the tool. These types of products will damage your tool.

Regular maintenance is important; Failure to maintain the tool will result in rapid wear of parts that can cause malfunction and accidents. In addition, a poorly maintained tool will cause poor work results and rapid aging

Wear protective gloves when servicing the tool.

The tool must be completely extinguished and cooled before any maintenance and intervention.

Perform the machine maintenance as described in this manual. Use accessories and replacement parts only recommended by us. Do not remove or modify system components or modify the speed of the tool (serious accidents may result). Repairs or modifications must be made only by a qualified service. No repairs or modifications must be done by the user.

After work, it is essential to always check the entire machine and clean it.

Regular checks and maintenance:

- Check the air filter (to be cleaned if necessary)
- Check spark plug (replace if necessary)
- The correct operation and quantity of the cutting wire.

Always switch the drive unit off when performing any maintenance or repair work.

Repairs should only be carried out by authorized specialists with the necessary technical knowledge. Interventions by non-specialists may damage the machine or be hazardous to safety.

Follow the instructions below:

- Ensure that all nuts, bolts and screws are tightened to ensure that the machine meets all safety conditions
- Never store the machine with fuel remaining in the tank in a building where gasoline vapors may come in contact with flames or sparks.
- Allow the engine to cool before storing it in an enclosed area.
- To reduce the risk of fire, remove grease, grease and grease from the engine, muffler, battery and gasoline storage area.
- Replace worn or damaged components.
- When the fuel tank is to be emptied, do so outdoors.
- Do not attempt to repair the machine unless authorized to do so.
- Use only spare parts and accessories recommended by the manufacturer.

MAINTENANCE&MALFUNCTIONS

a) Air filter

- Accumulated dust in the air filter will reduce engine efficiency. Increase fuel consumption and allow abrasive particles to pass into the engine. Remove the air filter as often as necessary to maintain in a clean condition. Light surface dust can readily be removed by tapping the filter. Heavy deposits should be washed out in suitable solvent.
- Remove filter cover by loosening air filter cover knob.

b) Adjusting the carburetor

- Do not adjust carburetor unless necessary. If you have trouble with the carburetor, see your dealer. Improper adjustment may cause engine damage and void warranty.

c) Fuel filter

- Fuel tank is fitted with a filter. Filter is situated at the free end of fuel pipe and can be picked out through fuel port with a piece of hooked wire. Check the fuel filter periodically. Do not allow dust to enter into fuel tank. Clogged filter will cause difficulty in starting engine or abnormalities in starting engine or abnormalities in engine performance.
- When filter is dirty, replace the filter. When the inside of the fuel tank is dirty, it can be cleaned by rinsing the tank out with gasoline.

d) Spark plug

- Do not attempt to remove the plug from a hot engine in order to avoid possible damage to the threads.
- Clean or replace the spark plug in case of ozone contamination.
- Replace the spark plug if the end of the center electrode is worn.

e) Handling and transport

- The engine should be turned off when the unit is moved between work areas.
- After the engine has stopped, the muffler is still hot. Never touch hot parts such as the muffler.

- Confirm that the fuel is not leaked from tank.
- Transport the tool in a way to prevent loss of fuel, injuries and damage.
- Dismantle the cutting head and the blade before transport and storage. Put the blade in its packing.

f) Storage

- Inspect, clean and have the appliance repaired if necessary
- Empty the tank.
- Switch on the appliance to consume all remaining fuel.
- Remove the spark plug and pour a teaspoon of clean engine oil into the cylinder cavity of the spark plug, replace the spark plug
- Store cutting elements so that they cannot be touched (wrap them, for example.)
- Store in a clean, dry, dust-free area.

ENGINE PROBLEM TROUBLESHOOTING CHART				
Problem	Check	Status	Cause	Remedy
Engine cranks - starts hard/ doesn't start	Fuel at carburetor	No fuel at carburetor	Fuel strainer clogged Fuel line clogged Carburetor	Clean or replace Clean or replace See your dealer
	Fuel at cylinder	No fuel at cylinder	Carburetor	See your dealer
		Muffler wet with fuel	Fuel Mixture too rich	Open choke Clean/Replace air filter Adjust carburetor. See your dealer
	Spark at end of plug wire	No spark	Stop switch off Electrical problem Interlock switch	Turn switch to ON See your dealer See your dealer
	Spark at plug	No spark	Spark gap incorrect	Adjust to 65mm (0.026 in.)

			Covered with carbon Fouled with fuel. Plug defective	Clean or replace. Clean or replace plug
Engine runs, but dies or does not accelerate properly	Air filter	Air filter dirty	Normal wear	Clean or replace
	Fuel filter	Fuel filter dirty	Contaminants/residues in fuel	Replace
	Fuel vent	Fuel vent plugged	Contaminants/residues in fuel	Clean or replace
	Spark Plug	Plug dirty/worn	Normal wear	Clean and adjust or replace
	Carburetor	Improper adjustment	Vibration	Adjust
	Cooling System	Cooling system dirty/plugged	Extended operation in dirty/dusty locations	Clean
	Spark Arrestor Screen	Spark arrestor screen plugged	Normal wear	Replace

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