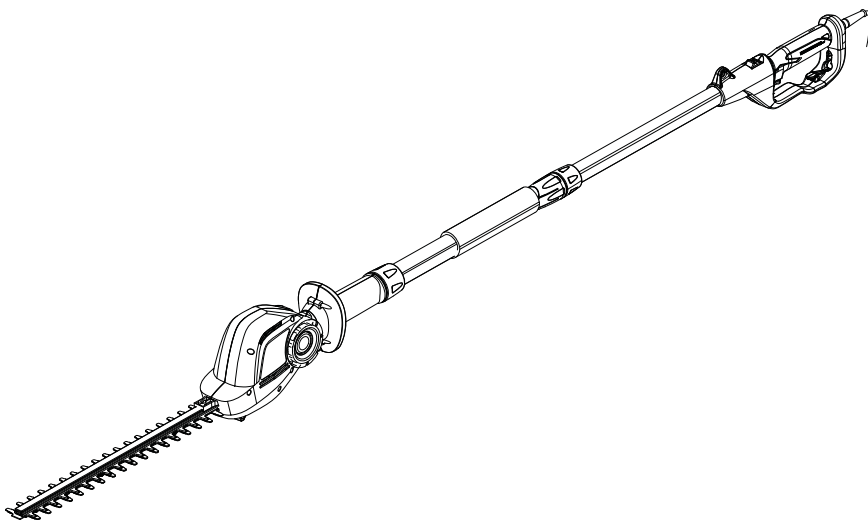


RYOBI®

RPT4045

ELECTRIC POLE HEDGE TRIMMER

OPERATOR'S MANUAL (Original Instructions)



CE



Important!

It is essential that you read the instructions in this manual before operating this machine. Subject to technical modifications.

ENGLISH (Original Instructions)

Your Pole hedge trimmer has been engineered and manufactured to Ryobi's high standard for dependability, ease of operation, and operator safety. When properly cared for, it will give you years of rugged, trouble-free performance.

Thank you for buying a Ryobi product.

GENERAL SAFETY RULES



WARNING

Read and understand all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and serious injury.

The term "power tool" in the warnings refer to your mains-operated corded power tool.

INTENDED USE: This product is designed for use by one operator, for trimming hedges and bushes, utilising one or more liner reciprocating cutter blades. It is not intended for wood cutting.

WORK AREA SAFETY

- **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

ELECTRICAL SAFETY

- **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.

- **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply, the tripping current of 30mA or less.**

PERSONAL SAFETY

- **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- **Use safety equipment. Always wear eye protection.** Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- **Avoid accidental starting. Ensure the switch is in the off-position before plugging in.** Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.
- **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of these devices can reduce dust-related hazards.

POWER TOOL USE AND CARE

- **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.** Such preventative safety measures reduce the risk of starting the power tool accidentally.
- **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power

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tools are dangerous in the hands of untrained users.

- **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation.** If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from intended could result in a hazardous situation.

SERVICE

- **Have your power tool serviced by a qualified repair person using only genuine replacement parts.** This will ensure that the safety of the power tool is maintained.

ADDITIONAL SAFETY INSTRUCTION

- Never allow children to use the machine.
- Beware of overhead power lines.
- Avoid operating while people, especially children are nearby.
- Stop the engine or disconnect from mains before:
 - Cleaning or clearing a blockage;
 - Checking, maintenance or working on the machine;
 - When adjusting the working position of the cutting device.
- Where the hedge trimmer is provided with adjustments to the angle of the cutting device and / or the length of the handle shaft, never hold the cutter blades when making adjustments to the working position of the cutting device. Always ensure that the cutting device is correctly located in a designated working position before starting the engine or plugging the machine in to the mains.
- While operating the machine, be always sure of a safe and secure operating position, especially when using steps or a ladder.
- Do not attempt to repair the machine unless you are qualified to do so.
- Do not operate the machine with a damaged or excessively worn cutting device.

- Always ensure all handles and guards are fitted when using the machine. Never attempt to use an incomplete machine or one fitted with an unauthorised modification.
- Where a hedge trimmer is provided with more than one handle, always use two hands to operate it.
- When transporting or storing the machine, always fit the cutting device guard.
- Know how to stop the machine quickly in an emergency.
- Always be aware of your surroundings and stay alert for possible hazards that you may not hear due to the noise of the machine.
- **Keep all parts of the body away from the cutter blade. Do not remove cut material or hold material to be cut when blades are moving. Make sure the unit is unplugged and the switch is off when clearing jammed material.** A moment of inattention while operating the hedge trimmer may result in serious personal injury.
- **Carry the hedge trimmer by the handle with the cutter blade stopped. When transporting or storing the hedge trimmer, always fit the cutting device cover.** Proper handling of the hedge trimmer will reduce possible personal injury from the cutter blades.
- **Hold the power tool by insulated gripping surfaces only.** The cutter blade may contact hidden wiring or its own cord. Cutter blade contacting "live" wire may expose metal parts of the power tool "live" and could give the operator an electric shock.
- **Keep cable away from cutting area.** During operation the cable may be hidden in shrubs and can be accidentally cut by the blade.













WARNING

The vibration emission during actual use of power tool can differ from the declared total value depending on the ways in which the tool is used. Operators need to identify safety measures to protect themselves based on an estimation of exposure in the actual conditions of use.

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SYMBOLS




Some of the following symbols may be used on this product. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the product better and safer.

SYMBOL	NAME	EXPLANATION
V	Volts	Voltage
A	Amperes	Current
Hz	Hertz	Frequency (cycles per second)
W	Watt	Power
hrs	Hours	Time
	Class II Construction	Double-insulated construction
	Wet Conditions Alert	Do not expose to rain or use in damp locations.
	Safety Alert Symbol	Precautions that involve your safety.
	Read the Operator's Manual	To reduce the risk of injury, user must read and understand operator's manual before using this product.
	Eye and ear Protection	Wear eye and ear protection when operating this equipment.
	Gloves	Wear non-slip, heavy-duty protective gloves when handling the pole saw and the blade.
	Keep Bystanders Away	Keep all bystanders at least 15m away.
	Electric Shock Precaution	Remove plug from the mains immediately if cable is damaged or cut.
	Sharp Blade	Do not install or use any type of blade on a product displaying this symbol.
	Risk of Electrocution	Electrical hazard. Stay at least 15m away from the overhead lines

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SYMBOLS

The following signal words and meanings are intended to explain the levels of risk associated with this product.

SYMBOL	SIGNAL	MEANING
	DANGER:	Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.
	WARNING:	Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.
	CAUTION:	Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.
	CAUTION:	(Without Safety Alert Symbol) Indicates a situation that may result in property damage.

SERVICE

Servicing requires extreme care and knowledge and should be performed only by a qualified service technician. For service we suggest you return the product to your nearest **AUTHORISED SERVICE CENTER** for repair. When servicing, use only identical replacement parts.



WARNING:

To avoid serious personal injury, do not attempt to use this product until you read thoroughly and understand completely the operator's manual. If you do not understand the warnings and instructions in the operator's manual, do not use this product. Call customer service for assistance.

SAVE THESE INSTRUCTIONS

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SPECIFICATIONS

Voltage :	220~240 V, 50 Hz
Power :	400 W
Cutting Capacity :	18 mm
Blade Length :	450 mm
Blade Speed :	1700 /min
Weight :	4.1 kg
Sound Pressure Level :	L_{pA} : 87 dB (A)
Sound Power Level :	L_{WA} : 97 dB (A)
Vibration :	2.5 m/s ² , K=1.5 m/s ²

DESCRIPTION

Fig. 1

1. Scabbard
2. Blades
3. Four-Position Pivoting Head
4. Telescopic Pole
5. Lock-Off Button
6. Rear Handle
7. Switch Trigger
8. Cord Retainer

Fig. 2

9. Packaged Tool
10. Cord Protector
11. Cord
12. Threaded Collar
13. Trimmer Head
14. Lock Hole
15. Egg-Shaped Pole
16. Threaded Base

Fig. 4

17. Pivot Button
18. Notches

ASSEMBLY

UNPACKING

This product requires assembly.

- Carefully remove the product and any accessories from the box. Make sure that all items listed in the packing list are included.
- Inspect the product carefully to make sure no breakage or damage occurred during shipping.
- Do not discard the packing material until you have carefully inspected and satisfactorily operated the product.
- If any parts are damaged or missing, please contact an authorised service center.

PACKING LIST

Pole Hedge Trimmer
Operator's Manual



WARNING:

If any parts are damaged or missing, do not operate this product until the parts are replaced. Failure to heed this warning could result in serious personal injury.



WARNING:

Do not attempt to modify this product or create accessories not recommended for use with this product. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.



WARNING:

Do not connect to power supply until assembly is complete. Failure to comply could result in accidental starting and possible serious personal injury.

ASSEMBLING THE TOOL

See Figure 2.

Before using the pole hedge trimmer, a one-time assembly is required.

- The telescopic pole and trimmer head come unassembled. Remove from packaging and extend the telescopic pole to its longest operating position as shown in Figure 7.
- Unscrew the threaded collar from the trimmer head base and pull back over the cord to the extended telescopic pole as shown.
- Remove and discard both rubber cord protectors from the telescopic pole.
- Insert the telescopic pole into the trimmer head threaded base until the lock holes click into place. The tubes are egg-shaped and will only fit one way. The threaded base will spread open during assembly.

NOTE: You may need to slightly rotate the pole from side to side until it locks into place.

- Lower the threaded collar onto the threaded base and rotate clockwise to secure.



WARNING:

Failure to lock telescopic pole as directed above could result in serious injury or death.

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OPERATION

**WARNING:**

Do not allow familiarity with this product to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.

**WARNING:**

Always wear safety goggles or safety glasses with side shields when operating power tools. Failure to do so could result in objects being thrown into your eyes, resulting in possible serious injury.

**WARNING:**

Do not use any attachments or accessories not recommended by the manufacturer of this product. The use of attachments or accessories not recommended can result in serious personal injury.

APPLICATIONS

You may use this product for the purpose listed below:

- Trimming and shaping hedges and shrubbery.

STARTING AND STOPPING

See Figure 3.

- Connect the hedge trimmer to power supply.
- Attach the outlet end of an extension cord to the plug on the rear of the hedge trimmer. Route the extension cord through the cord retainer as shown.

NOTE: Use only an approved outdoor extension cord as described previously in this manual.

- Grasp the telescopic pole with your left hand and the rear handle with your right hand.
- The switch trigger and the lock-off button must be depressed simultaneously to begin blade movement.
- To stop blade movement, release the switch trigger.

ADJUSTING PIVOTING HEAD

See Figure 4.

- Disconnect the plug from the power source.
- Place the hedge trimmer on a sturdy flat surface.
- Push the pivot button and adjust the trimmer head until it snaps securely into place at one of the four positions indicated by the notches.

**CAUTION :**

Do not place hand between pivoting head and threaded base. Failure to heed this caution could result in a pinch point injury.

ADJUSTING TELESCOPIC POLE

See Figure 5.

- Rotate the threaded collar counterclockwise to loosen.
- Push the poles towards each other to shorten the pole or pull away from each other to lengthen the pole.

NOTE: Extend the telescopic pole only to the length required to reach the hedges being trimmed. Do not extend the handle above waist height.

- When the desired length is achieved, rotate the threaded collar clockwise to secure.

NOTE: Adjust hand placement on the telescopic pole of the pole hedge trimmer to keep proper balance. Do not attempt to use the pole hedge trimmer at a length which does not allow you to achieve proper footing and balance at all times.

CUTTING TIPS

See Figure 6 - 7.

**WARNING:**

Always keep both hands on the hedge trimmer handles. Never hold shrubs with one hand and operate hedge trimmer with the other. Failure to heed this warning can result in serious injury.

**WARNING:**

Clear the area to be cut before each use. Remove all objects such as cords, lights, wire, or loose string which can become entangled in the cutting blade and create a risk of serious personal injury.

- When operating the hedge trimmer, keep the extension cord behind the trimmer. Never drape it over the hedge being trimmed.
- Do not force the hedge trimmer through heavy shrubbery. This can cause the blades to bind and slow down. If the blades slow down, reduce the pace.
- Do not attempt to cut stems or twigs that are thicker than 3/4 in., or those obviously too large to feed into the cutting blade. Use a non-powered hand saw or pruning saw to trim large stems.
- If blades do become jammed, stop the motor, allow the blades to stop, and disconnect the plug from the power source before attempting to remove the obstruction.
- If desired, you can use a string to help to cut your hedge level. Decide how high you want the hedge to be. Stretch a piece of string along the hedge at the desired height. Trim the hedge just above the guide line of string. Trim the side of a hedge so that it will be slightly narrower at the top. More of the hedge will be exposed when shaped this way, and it will be more uniform.

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- Wear gloves when trimming thorny or prickly growth. When trimming new growth, use a wide sweeping action, so that the stems are fed directly into the cutting blade. Older growth will have thicker stems and will be trimmed easiest by using a sawing movement.

OPERATING THE HEDGE TRIMMER



WARNING:

Read the safety information for safe operation using the blade. Extreme care must be taken when using blades to ensure safe operation.

- Hold unit firmly with both hands. Always keep your left hand on the telescopic pole and your right hand on the rear handle. The unit is used for cutting in either direction in a slow, sweeping action from side to side.
- Stand so that you are stable and balanced on both feet.
- Inspect and clear the area of any hidden objects.
- To protect yourself from electrocution, do not operate within 50 feet of overhead electrical lines.
- Never use the hedge trimmer near power lines, fencing, posts, buildings, or other immovable objects.
- Never use a blade after hitting a hard object without inspecting it for damage. Do not use if any damage is detected.

MAINTENANCE



WARNING:

When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage.



WARNING:

Always wear safety goggles or safety glasses with side shields during product operation. If operation is dusty, also wear a dust mask.



WARNING:

Before inspecting, cleaning, or servicing the machine, disconnect the plug from the power source and wait for all moving parts to stop. Failure to follow these instructions can result in serious personal injury or property damage.

GENERAL MAINTENANCE

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean cloths to remove dirt, dust, oil, grease, etc.



WARNING:

Do not at any time let brake fluids, gasoline, petroleum-based products, penetrating oils, etc., come in contact with plastic parts. Chemicals can damage, weaken, or destroy plastic which may result in serious personal injury.

Only the parts shown on the parts list are intended to be repaired or replaced by the customer. All other parts should be replaced at an Authorized Service Center.



WARNING:

Blades are sharp. When handling the blade assembly, wear non-slip, heavy-duty protective gloves. Do not place your hand or fingers between blades or in any position where they could get pinched or cut. NEVER touch blades or service unit with the power supply connected.

LUBRICATING THE BLADE

See Figure 8.

For easier operation and longer blade life, lubricate the hedge trimmer blade before and after each use.

- Stop the motor and disconnect from the power supply.
- Lay the hedge trimmer on a flat surface. Apply light weight machine oil along the edge of the top blade.

If you will be using the hedge trimmer for an extended period, it is advisable to oil the blade during use.

NOTE: Do not oil while the hedge trimmer is running.

- Stop the motor and disconnect from power supply.
- Lubricate the hedge trimmer as described above.
- Reconnect to the power source and resume use.

CLEANING THE HEDGE TRIMMER

- Stop the motor and disconnect from the power supply.
- Clean dirt and debris from the body of the hedge trimmer, using a damp cloth with a mild detergent.

NOTE: Do not use any strong detergents on the plastic housing or the handle. They can be damaged by certain aromatic oils such as pine and lemon, and by solvents such as kerosene.

STORING THE TRIMMER

- Clean all foreign material from the product.
- Store it in a well-ventilated place that is inaccessible to children.
- Keep away from corrosive agents such as garden chemicals and de-icing salts.

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DISPOSAL



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

LIMITED WARRANTY (Original Instructions)

TTI warrants this outdoor product to be free of defects in material and workmanship for 24 months from the date of purchase by the original purchaser, subject to the limitations below. Please keep your invoice as proof of date of purchase.

This warranty is only applicable where the product is used for personal and non-commercial purposes. This warranty does not cover damage or liability caused by / due to misuse, abuse, accidental or intentional acts by user, improper handling, unreasonable use, negligence, failure by end user to follow operating procedures outlined in the user's manual, attempted repair by non-qualified professional, unauthorized repair, modification, or use of accessories and/or attachments not specifically recommended by authorized party. Please see your local dealer for list of authorized service centers in your area.

This warranty does not cover belts, brushes, bags, bulbs or any part which ordinary wear and tear results in required replacement during warranty period. This warranty does not cover transportation cost or consumable items such as fuses and batteries.

This limited warranty is void if the product's original identification (trade mark, serial number, etc.) markings have been defaced, altered or removed or if product is not purchased from an authorized reseller or if product is sold AS IS and / or WITH ALL FAULTS.

Where permitted, the provisions of this limited warranty are in lieu of any other written warranty, whether express or implied, written or oral, including any warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL WE BE LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL OR INCIDENTAL DAMAGES. OUR MAXIMUM LIABILITY SHALL NOT EXCEED THE ACTUAL PURCHASE PRICE PAID BY YOU FOR THE PRODUCT.

This warranty is valid only in the European Union, Australia and New Zealand. Outside these areas, please contact your authorized Ryobi dealer to determine if another warranty applies.

EC DECLARATION OF CONFORMITY (Original Instructions)

(Machinery Directive 2006/42/EC, Annex II., sub. A)

Manufacturer: Techtronic Product Development Ltd.

Address: 24/F, CDW building, 388 Castle Peak Road, Tsuan Wan, Hong Kong

Name and address of the person authorised to compile the technical file:

Name: Simon Del-Nevo (Director of Outdoor Power Equipment)

Address: Techtronic Industries (UK) Ltd., Medina House, Fieldhouse Lane, Marlow, Bucks, SL7 1TB, United Kingdom

Herewith we declare that the product

Category Pole Hedge Trimmer

Model RPT4045

Serial number See products rating label

Year of Construction See products rating label

- is in conformity with the relevant provisions of the Machinery Directive (2006/42/EC)
- is in conformity with the provisions of the following other EC-Directives
2004/108/EC (EMC-Directive) and
2000/14/EC (Noise Directive) incl. modifications (2005/88/EC)

And furthermore, we declare that

- the following (parts/clauses of) European harmonised standards have been used
EN55014-1:2006+A1:2009, EN55014-2:1997+A1:2001+A2:2008, EN61000-3-2:2006+A1:2009+A2:2009,
EN61000-3-3:2008, EN 60745-1:2009+A11:2010, EN60745-2-15:2009+A1:2010, ISO 3744:1995
- the following (parts/clauses of) other technical standards and specifications have been used
ISO11094:1991,

Measured sound power level

L_{WA} : 95.6 dB(A)

Guaranteed sound power level

97 dB(A)

Conformity assessment method to Annex V/ Directive 2000/14/EC

Place, date: Hong Kong, 22/08/2011

Signature: Andrew John Eyre (BEng, CEng, MIET)
Vice President of Engineering

