



**PETROL TILLER**  
**RAC139PTIL-B**  
**USER GUIDE**

CAUTION: Read the instructions before using the machine.

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# 1. SAFETY WARNINGS

**WARNING!** Before using this tool, please read this safety and operating instructions carefully. Knowing and mastering this information and instructions will help you to use this machine safely and reduce the risk of accidents and electric shocks.

If you give this unit to another person, give them this manual as well.

This machine shall always be used in accordance with the manufacturer's instructions laid down in the instruction handbook. Any mishandling and any use contrary to the user manual will not engage the responsibility of the manufacturer.

Failure to observe the safety and operating instructions may result in a risk of fire and/or personal injury.

## 1) Training

- a) Read the instructions carefully. Be familiar with the controls and the proper use of the equipment.
- b) Never allow children or people unfamiliar with these instructions to use the machine. Local regulations can restrict the age of the operator.
- c) Never work while people, especially children, or pets are nearby.
- d) Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.

## 2) Preparation

- a) While working, always wear substantial footwear and long trousers. Do not operate the equipment when barefoot or wearing open sandals.
- b) Thoroughly inspect the area where the equipment is to be used and remove all objects which can be thrown up by the machine.
- c) **WARNING** – Petrol is highly flammable:
  - Store fuel in containers specifically designed for this purpose.
  - Refuel outdoors only and do not smoke while refuelling.
  - Add fuel before starting the engine. Never remove the cap of the fuel tank or add petrol while the engine is running or when the engine is hot.
  - If petrol is spilled, do not attempt to start the engine but move the machine away from the area of spillage and avoid creating any source of ignition until petrol vapours have dissipated.
  - Replace all fuel tank and container caps securely.
- d) Replace faulty silencers.
- e) Before using, always visually inspect to see that the tools are not worn out or damaged. Replace worn out or damaged elements and bolts in sets to preserve balance.

## 3) Operation

- a) Do not operate the engine in a confined space where dangerous carbon monoxide fumes can collect.
- b) Work only in daylight or in good artificial light.
- c) Always be sure of your footing on slopes.
- d) Walk, never run with the machine.
- e) Work across the slopes, never up and down.
- f) Exercise extreme caution when changing direction on slopes.

- g) Do not work on excessively steep slopes.
- h) Use extreme caution when reversing or pulling the machine towards you.
- i) Do not change the engine governor settings or over speed the engine.
- j) Start the engine carefully according to manufacturer instructions and with feet well away from the tool(s) ;
- k) Do not put your hands or feet near or under rotating parts.
- l) Never pick up or carry a machine while the engine is running.
- m) Stop the engine:
  - Whenever you leave the machine.
  - Before refuelling.
- n) Reduce the throttle setting during engine shut down.

#### **4) Maintenance and storage**

- a) Keep all nuts, bolts, and screws tight to ensure the equipment is in safe working condition.
  - b) Never store the equipment with petrol in the tank inside a building where fumes can reach an open flame or spark.
  - c) Allow the engine to cool before storing in any enclosure.
  - d) To reduce the fire hazard, keep the engine, silencer, battery compartment and petrol storage area free of vegetative material and excessive grease.
  - e) Replace worn or damaged parts for safety.
  - f) If the fuel tank must be drained, this shall be done outdoors.
- Use unleaded gasoline for the engine. Gasoline is flammable and explosive. During its use, take special precautions.
    - Do not smoke.
    - Avoid the presence of flames or sparks in the surrounding area.
    - The motor heats up during use. Make sure the engine is cool before refuelling.
    - If there is leaking fuel, clean it up thoroughly and wait until it is dry before operating the engine.
  - This tool is not intended to be use by persons (including children) whose physical, sensory, or mental capabilities are reduced, or persons without experience or knowledge, unless they have been able to benefit from through a person responsible for their safety, surveillance, or prior instructions regarding the use of the device.
  - Children should be supervised to make sure they do not play with the device.
  - Children and young persons as well as persons who have not read the instruction manual are not allowed to operate this appliance.
  - Local regulation may restrict the age of the operator.
  - Never use the appliance when people, especially children, or pets are nearby.
  - Remember that the operator or user is responsible for accidents or dangers to people or their personal belongings.
  - Do not use accessories other than those recommended by the manufacturer; these may damage the unit and / or cause injury.
  - Do not disassemble the device yourself. Any dismantling, repair or verification must be done exclusively by a qualified person.
  - Use the device fully assembled and secured. Check before use if the guards and safety devices are in place.
  - When operating the machine, always wear protective equipment including a face shield, visors or goggles, hearing protection, helmet, gloves, non-slip shoes and protective clothing.

- Always transport the machine by its handle, never by another part of the machine.
- Avoid using the device in bad weather conditions, especially when there is a risk of thunderstorms and lightning.
- In the event of an accident, stop using the machine immediately. Turn off and check the problem. Do not use the machine while the machine is damaged.
- Never allow people to approach the tool, especially during its operation.
- Do not use the tiller when you are tired, sick, or under the influence of alcohol, medicaments, or drugs.
- Always wear appropriate clothing (do not wear short or loose clothing). Wear safety shoes (do not wear sandals or work barefoot). Avoid putting jewelry and anything that gets stuck in the machine.
- Keep people or animals away from the work area (with a minimum distance of 10 m).
- Remove all materials that could create accidents before the machine is used (pieces of wood, stones, wire ropes, ropes, glasses, etc.).
- Check that all components are correctly attached.
- Do not use the cultivator on a ground incline more than 10 °.
- In an emergency, stop the machine.
- Never refuel or start the engine in a closed enclosure. The tiller must always be used outdoors.
- The machine must be stopped when carrying out maintenance and cleaning operations, when changing tools or when transported by means other than under its own power.
- Be aware that the application may unexpectedly bounce upward or jump forward if the tines should strike extremely hard, packed soil, frozen ground, or buried obstacles such as large stones, roots, or stumps.
- The adjustable part of the protective device shall be adjusted to the working depth of the tool so that only that part of the working tool that cuts into the soil remains uncovered.
- The machine should only be operated by suitably trained persons

## **RESIDUAL RISKS**

- Even if you use this product in compliance with all safety requirements, the potential risks of injury and damage remain. Always be vigilant when using this product, so that you can recognize and manage the risks rather. The following hazards may arise in the structure and design of this product:
- There are adverse health consequences resulting from the emission of vibration if the product is used for long periods of time or not managed properly and properly maintained.
- There is a risk of injury and property damage due to attachments or broken the sudden impact of hidden objects when using cutting.
- Risk of injury to persons and property caused by flying objects.
- Risk of hearing loss due to a long exposition to noise emitted by the machine.

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, and pain, loss of strength, color changes or skin condition. These symptoms usually appear on the fingers, hands, or wrists. Risk increases at low temperatures.

## SYMBOLS



Read the instruction manual



Risk of projection; Keep bystanders away



Warning! Rotating tools



Warning! Exhaust gas. Do not use indoor



Caution! Hot surface



Wear ocular and hearing protection



Guarantee sound power level



Wear safety footwear



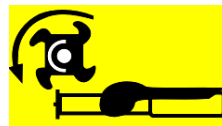
Wear protective gloves



The fuel is flammable; keep it away from the fire. Do not add fuel while the machine is running



Clutch lever STOP position



Clutch lever START position



Remove the spark plug before servicing and maintenance. Read the instruction manual



Danger! Keep your hands and feet away from the cutting element



Add engine oil



Recoil starter

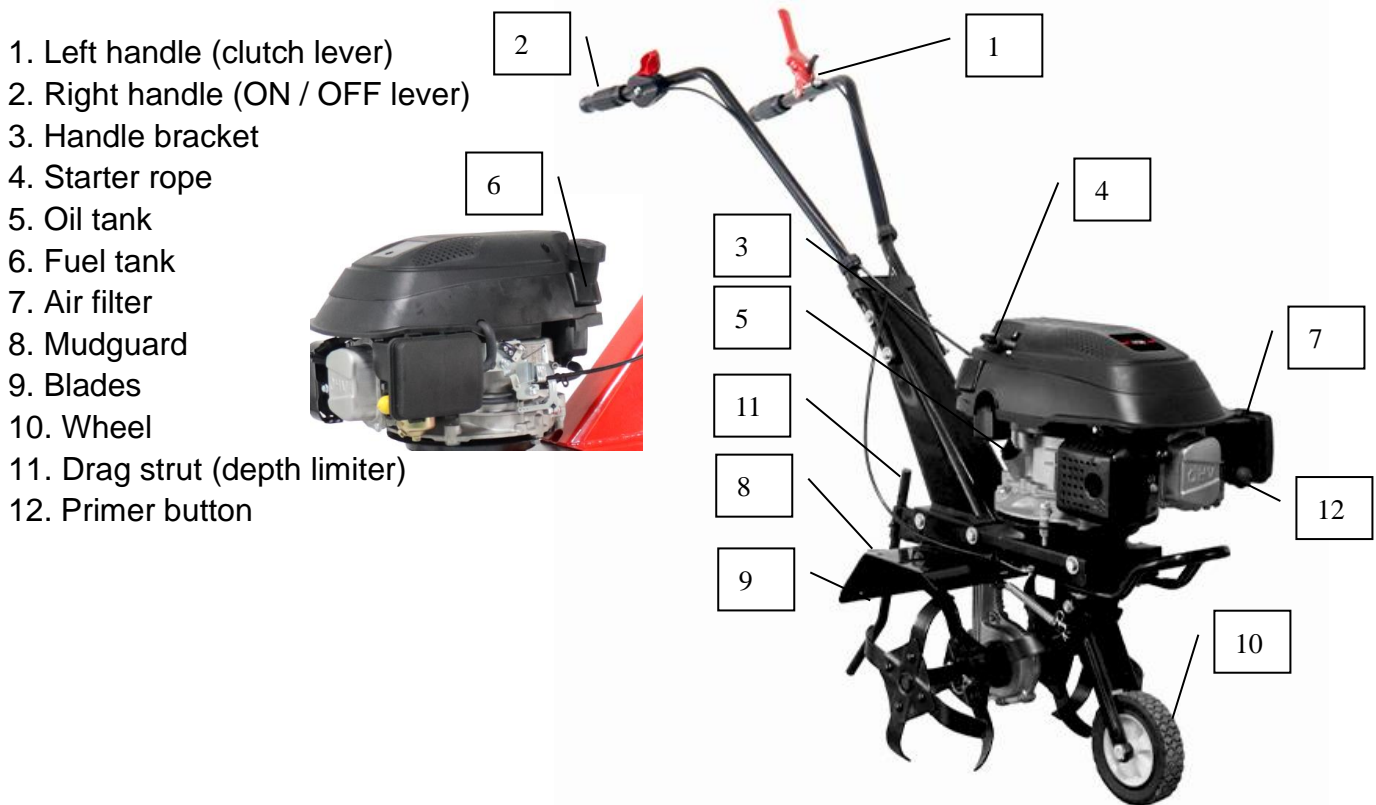
## 2. INTENDED USE

This machine is exclusively intended to be used as a tiller to turn and loosen garden and crop soil. They can work on small plots.

The tool must be used outdoors.

Do not respect the instructions and requirements of use as stated in this manual will be considered as non-conform.

## 3. PRODUCT DESCRIPTION



The tool is also provided with 4 blades. 2 extension mudguards.  
The Drag strut (depth limiter) must be installed on the rear of the tool.

## 4. TECHNICAL DATA

Engine displacement	139 cm <sup>3</sup>
Engine power	2,3 kW
Working width:	36cm
Maximum rotational speed	3000/min
Volume of fuel tank	1,0L
Volume of oil tank	0,5L
Vibration value	At left grip: 4.1 m/s <sup>2</sup> At right grip: 5.2 m/s <sup>2</sup> Uncertainty K=1.5 m/s <sup>2</sup> ,

Measured sound power level according to noise directive 2000/14/EC	L <sub>WA</sub> : 90,2dB(A), K=2,15dB(A)
Guaranteed sound power level L <sub>WA</sub>	L <sub>WA</sub> : 93dB(A)
Weight	28,5 kg

## 5. ASSEMBLY

Unpack and lift out the rotary tiller and take out other accessories and tools in the box. Read the instructions carefully and operate every step strictly according to the instructions.

### INSTALL THE DRAG STRUT

Remove the M8\*35 bolts and nuts on the drag strut of the rotary tiller (Fig. 2) (Fig. 3) and insert the drag strut into the corresponding hole of the rotary tiller from bottom to top, lead the screw through the hole of rotary tiller and drag strut using M6\*35 (Fig. 4), and lock the nut to the position over two threads with a wrench (Fig. 5).



Fig. 1

Fig. 2

Fig. 3





Fig. 4



Fig. 5

## INSTALL THE ARMREST FIXING SEAT

Install the armrest fixing seat on the armrest bracket and lock it with  $\phi 8 \times \phi 24 \times 2$  washers and hexagon head bolts M8\*30 (Fig. 6).

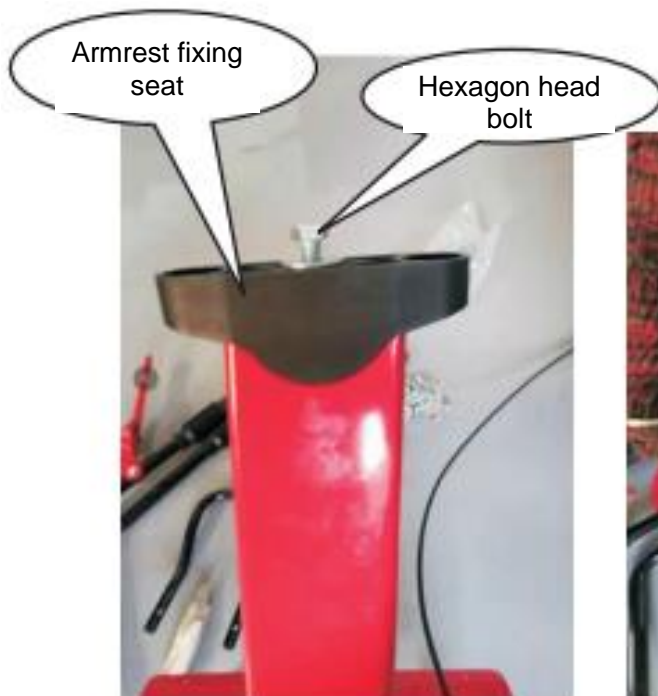


Fig. 6



Fig. 7

## INSTALL THE LEFT AND RIGHT HANDRAILS

Remove the M8x30 bolts,  $\Phi 8 \times \Phi 24 \times 2$  washers and M8 nuts from the tool bag (Fig. 9). Insert left handrail into the hole of handrail fixing seat, align the hole position, install the hexagon head bolts M8x30 and washers on the handrail and handrail bracket, fix them with M8 nuts before locking them. Repeat the above operations on the right handrail.

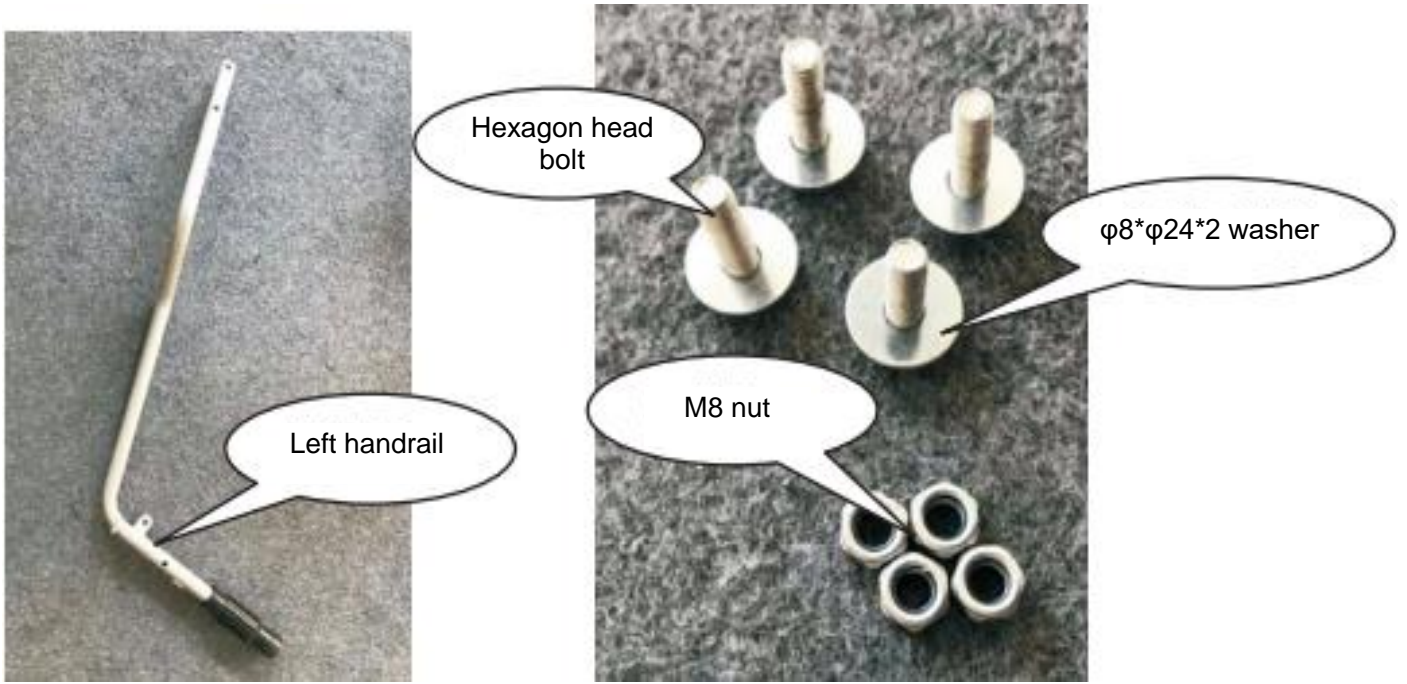


Fig. 8

Fig. 9



Fig. 10



Fig. 11



Fig. 12

## LOCK THE LEFT AND RIGHT HANDRAILS

Lock the 4 bolts and nuts on the left and right handrails by using a wrench (Fig. 12).

## INSTALL THE CLUTCH CABLE

Unscrew an M8 nut among the adjustment screws of clutch cable and lead it through the lug hole of the iron block of left handrail (Fig. 13), and then screw on M8 nuts.



Fig. 13



Fig. 14

## INSTALL THE HANDLE

Install the Z-shaped connector of clutch cable into the  $\phi 5$  hole in the handle (Fig. 15), insert M8\*40 bolt into the corresponding hole of the handle and left handrail (Fig. 16), and then tighten M8 cap nut with a wrench (Fig. 17).



Fig. 15



Fig. 16



Fig. 17

## ADJUST THE TIGHTNESS OF CLUTCH CABLE

Tighten the screw of the clutch cable by hand (Fig. 18), and screw M8 nut to the position of small iron block to check whether the clutch cable is properly tightened. The clutch cable should be tightened if the blade does not rotate or slips when the rotary tiller is loosening the soil. Then tighten the two M8 nuts with a wrench (Fig. 19).



Fig. 18



Fig. 19

## INSTALL THE THROTTLE SWITCH

Install the throttle switch in the  $\phi 6.3$  hole in the right handrail (Fig. 20), insert M6\*45 bolts into the corresponding holes of the throttle switch and the right handrail (Fig. 20), and then tighten the M6 cap nut with a wrench (Fig. 20).



Fig. 20

## INSTALL THE ROTARY TILLER

First take off the mounted rotary blade at one end, release the quick release pin spring, pull out the quick release pin (Fig. 22), and install the rotary blade on the shaft lever of transmission box. Pay attention to the direction of casing, keep the short-end casing inward (Fig. 23), and insert the quick release pin into the corresponding hole and fasten the spring. Install the dismantled rotary blade on the shaft lever of transmission box, insert the quick release pin into the corresponding hole and fasten the spring (Fig. 24). Install the blanking cap on the casing of rotary blade to keep out soil or water away from the casing. Repeat the above operations for left-handed tiller.



Fig. 21



Fig. 22



Fig. 23



Fig. 24



Fig. 25

## INSTALL THE LEFT AND RIGHT AUXILIARY FENDERS

Remove the M8\*16 bolts of the left and right auxiliary fenders (Fig. 26), place the auxiliary fenders under the main fenders (Fig. 27). Screw the M8\*12 bolts into the corresponding threaded hole and tighten it with a wrench (Fig. 27). Install the left fender in the same way.



Fig. 26



Fig. 27

## INSTALL THE HANDLE

The handle is used to facilitate transfer and handling (Fig. 29). First, unscrew the two M8\*20 bolts on the variable speed bracket of rotary tiller (Fig. 30), turn the handle upward to the corresponding hole position, and screw the two bolts in and lock with a wrench (Fig. 31). Fasten the clutch cable and throttle cable to the left and right handrails with cable clamps (Fig. 28). Then check the fasteners of the entire rotary tiller for tightness, wrong installation, and neglected installation, etc.



Fig. 28



Fig. 29



Fig. 30



Fig. 31



Fig. 32

## 6. OIL AND FUEL FILLING

**WARNING!** Engine delivered without oil or fuel: Fill up with petrol and oil before starting the engine.

### 1) FUEL

Recommended fuel: unleaded petrol with an octane rating of at least 87.

Open the fuel tank cap. Pour the fuel carefully into the tank without overflowing. Never exceed the maximum level. Then close the tank with its cap.

Wipe off any fuel that may have spilled.

**WARNING!** Petrol is extremely flammable.

Store fuel in cans specifically designed for this.

Fill the fuel tank only outdoors and before starting the engine. Do not smoke when filling the fuel tank or handling fuel.

Never open the fuel tank cap and never add fuel when the engine is running or when it is hot.

If fuel has spilled, do not start the engine, move the tool away from where the fuel was spilled, and take care not to create a spark or flame until the fuel vapors have dissipated.

Close all fuel tank and canister caps completely.

Before tilting the mower to service the blade or drain the oil, empty the fuel tank.

**WARNING:** Never fill the fuel tank indoors when the engine is running or before the engine has been able to cool for at least 15 minutes after use.

**CAUTION:** Do not use unapproved petrol, such as E15 and E85. Do not mix oil with petrol or modify the engine to run on alternative fuels. Using unapproved fuels will damage engine parts and void the engine warranty.

To protect the fuel system from scale build-up, add a fuel stabilizer to the fuel.

### 2) OIL

Recommended oil: SAE 15W-40 4-stroke oil, 0.5L.

Open the oil tank cap. Pour the oil into the tank to the limit. Never exceed the tank limit. Then close the tank with the cap.

Wipe off any overflow.

### OIL LEVEL CHECK

- Check the oil level after the engine has stopped.
- Remove the plug / dipstick from the oil tank and wipe it off.
- Insert the oil tank cap / dipstick into the tank neck without screwing it back, then remove it to check the oil level.
- If the oil level is close to or below the lower limit of the dipstick, remove the cap / dipstick and fill the recommended oil tank to the upper limit of the dipstick (lower edge of the neck). Do not overfill.
- Replace the oil tank cap / dipstick



# 7. OPERATION

Before starting the petrol engine, keep the clutch handle of rotary tiller to the disengaged position.

- 1) Pull down the supporting wheel frame, detach the limit round rod of support wheel frame from the slot and rotate upward to the gear position of Cultivation (Fig. 34).
- 2) Set up the required depth of tilling. 3 different positions are possible. (Fig. 34-1, see the section: **Install the drag strut**)
- 3) Engine cold start
  - a) Press the primer button 3 times
  - b) Turn the ON/OFF lever to the CHOKE position (Fig. 35).
  - c) Pull the starter rope by hand to start the engine and turn the throttle switch to the Working position (Slow or fast position Fig.36).

Allow the engine to warm for one minute before starting work.

- 4) Engine hot start
  - a) Turn the ON/OFF lever to the Slow or Fast position.
  - b) Pull the starter rope by hand to start the engine



Fig. 33



Fig. 34

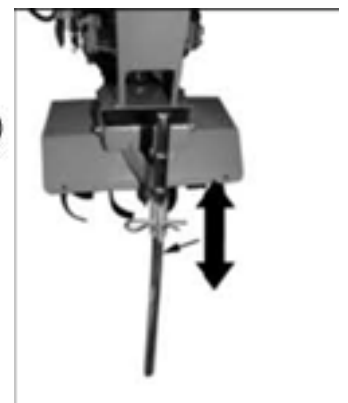


Fig. 34-1



= OFF

= slow



= fast

= choke



Fig. 35



Fig. 36

- 5) Utilization
  - a) Do not start walking the rotary tiller until it reaches the predetermined speed, then press the

clutch handle (Fig. 37) and slowly press its supporting rod into the soil, so that the rotary blade goes into the soil.

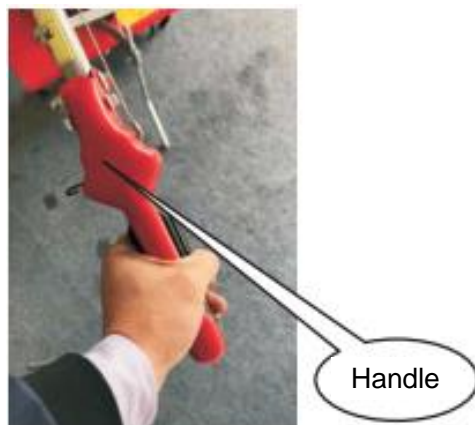


Fig. 37

- b) To prevent damage to the rotary blade and related parts, it is strictly forbidden to make the rotary tiller walk directly when the rotary blade stays in the soil. Do not lower the rotary tiller rapidly. After the rotary blade goes into the soil, do not go backwards, and make a turn. If the power supply is not cut off when turning around on end rows, release the clutch handle of rotary tiller, and at the same time, appropriately reduce the engine speed. Before crossing fields or walking a long distance, the rotary tiller should be powered off, and the support wheels should be kept at the hand-push position (Fig. 33). When the rotary tiller is running, no one is allowed to approach rotating parts, and we should be in a safe place behind the rotary tiller.
- c) Power off before checking the rotary tiller. The engine must be turned off before replacing rotating parts such as blades. During plowing, the forward speed should be preferably 2~3 km/h in dry fields, and 4~5 km/h in ploughed or harrowed fields. Remember to avoid high speed to prevent damage to the power take-off shaft due to engine overload. If, during the operation, the cutter shaft is wrapped with too much grass, stop in time to clean up, so as not to increase the load of the machine. During rotary tillage, pay attention to the stones in the soil which may cause accidental damage to the rotary tiller.
- 6) Stop the engine  
Put the ON/OFF lever to the "O" position. Move the wheels down (Fig.33) to move the tiller



Fig.33

## 8. INSPECTION AND MAINTENANCE

**Warning! Always clean the appliance after use. Failure to clean it properly may cause damage to the unit or cause malfunction.**

**Warning! Injuries may occur during work on teeth. Wear protective gloves.**

**Before carrying out any maintenance, switch off the appliance and allow it to cool down.**

### GENERAL MAINTENANCE

- Check that the tool is not damaged.
- Check that there are no materials or objects that could be jammed on the blades.
- Clean the body with a damp cloth or a soft brush. Remove all materials and objects that may obstruct ventilation.
- Check transmission lubricant after each use or after 40 hours of operation. Replace lubricant if necessary.
- Check the condition of the cutting teeth and make sure that all connections are tight. If the teeth are dull, contact a specialist workshop to repair them if necessary.
- Whenever possible, clean the appliance immediately after you have finished working.
- Clean the underside of the housing around the teeth and the protective plate as well as the bumper with a brush and brush or a soft cloth soaked in mild soap mixed with water. Never splash with water!
- Remove dirt and debris from teeth and transmission, use a brush or damp cloth.
- Worn teeth make the performance bad and may cause the engine to overload; Remove them to clean them. Once cleaned, wipe the teeth and shaft, and apply a light coat of oil.

### PERIODIC / SEASONAL MAINTENANCE

- After 150 hours: clean the gear housing and replace the oil.
- After 800 hours: Check all parts of the tool and have it repaired or replaced by a qualified technician if necessary.
- Once a season: Grease the teeth and the tree.
- At the end of the season, check the unit and have it serviced in a specialized workshop.

### MAINTENANCE OF THE AIR FILTER

**Warning! Do not use petrol or abrasive products to clean the air filter.**

A dirty air filter prevents air from entering the carburetor and prevents proper operation of the carburetor. Air filters must be maintained regularly:

- Press the buckle and remove the air filter cover, and then remove the air filter.
- Using a mild soap solution and water to clean the air filter. Dry it.
- Replace the air filter and cover.

## 9. TRANSPORTATION AND STORAGE

- Clean the unit thoroughly before storing.
- Do not lift the machine, move it by rolling it while holding both handles.
- Store the device in a clean and dry place. The machine must be turned off and cooled.
- The fuel or oil may leak during transport. Secure the unit properly and take preventative measures to protect the environment from contamination.

# 10. DECLARATION OF CONFORMITY



## BUILDER

32, rue Aristide Bergès -Z1 31270 Cugnaux - France  
Tel. +33 (0) 5.34.502.502 Fax: +33 (0) 5.34.502.503

Declares that the machine named below

PETROL TILLER

**RAC139PTIL-B**

Serial number: 20221221527-20221221626

## Complies with the following European Directives:

Machinery Directive 2006/42/EC

EMC Directive 2014/30/EU

Emission directive (EU) 2016/1628 & 2018/898/EU

Noise Directive 2000/14/EC and 2005/88/EC

Applicable harmonized standards:

EN 709:1997+A4

EN ISO 14982:2009

Measured sound power level according to noise directive 2000/14/EC	L <sub>WA</sub> : 90,2dB(A), K=2,15 dB(A)
Guarantee sound power level	L <sub>WA</sub> : 93dB(A)

Responsible of the technical file: Mr Olivier Patriarca

Cugnaux, 25/10/2022

Philippe MARIE / CEO

# 11. WARRANTY



## WARRANTY

The manufacturer guarantees the product against defects in material and workmanship for a period of 2 years from the date of the original purchase. The warranty only applies if the product is for household use. The warranty does not cover breakdowns due to normal wear and tear.

The manufacturer agrees to replace parts identified as defective by the designated distributor. The manufacturer does not accept responsibility for the replacement of the machine, in whole or in part, and/or ensuing damage.

### The warranty does not cover breakdowns due to:

- insufficient maintenance.
- abnormal assembly, adjustment or operations of the product.
- parts subject to normal wear and tear.

### The warranty does not extend to:

- shipping and packaging costs.
- using the tool for a purpose other than that for which it was designed.
- the use and maintenance of the machine done in a manner not described in the user manual.

Due to our policy of continuous product improvement, we reserve the right to alter or change specifications without notice. Consequently, the product may be different from the information contained therein, but a modification will be undertaken without notice if it is recognized as an improvement of the preceding characteristic.

### READ THE MANUAL CAREFULLY BEFORE USING THE MACHINE.

When ordering spare parts, please indicate the part number or code, you can find this in the spare parts list in this manual. Keep the purchase receipt; without it, the warranty is invalid. To help you with your product, we invite you to contact us by phone or via our website:

- **+33 (0)9.70.75.30.30**
- **<https://services.swap-europe.com/contact>**

You must create a "ticket" via the web platform.

- Register or create your account.
- Indicate the reference of the tool.
- Choose the subject of your request.
- Describe your problem.
- Attach these files: invoice or sales receipt, photo of the identification plate (serial number), photo of the part you need (for example: pins on the transformer plug which are broken).



# 12. PRODUCT FAILURE

## WHAT TO DO IF MY MACHINE BREAKS DOWN?

### **If you bought your product in a store:**

- a) Empty the fuel tank if your product has one.
- b) Make sure that your machine is complete with all accessories supplied, and clean! If this is not the case, the repairer will refuse the machine.

Go to the store with the complete machine and with the receipt or invoice.

### **If you bought your product on a website:**

- a) Empty the fuel tank if your product has one.
- b) Make sure that your machine is complete with all accessories supplied, and clean! If this is not the case, the repairer will refuse the machine.
- c) Create a SWAP-Europe service ticket on the site: <https://services.swap-europe.com> When making the request on SWAP-Europe, you must attach the invoice and the photo of the nameplate (serial number).
- d) Contact the repair station to make sure it is available before dropping off the machine.

Go to the repair station with the complete machine packed, accompanied by the purchase invoice and the station support sheet downloadable after the service request is completed on the SWAP-Europe site

For machines with engine failure from manufacturers BRIGGS & STRATTON, HONDA and RATO, please refer to the following instructions.

Repairs will be done by approved engine manufacturers of these manufacturers, see their site:

- <http://www.briggsandstratton.com/eu/fr>
- <http://www.honda-engines-eu.com/fr/service-network-page;jsessionid=5EE8456CF39CD572AA2AEEDFD290CDAE>
- <https://www.rato-europe.com/it/service-network>

**Please keep your original packaging to allow for after-sales service returns or pack your machine with a similar cardboard box of the same dimensions.**

**For any question concerning our after-sales service you can make a request on our website <https://services.swap-europe.com>**

**Our hotline remains available at +33 (9) 70 75 30 30.**



# 13. WARRANTY EXCLUSIONS

## THE WARRANTY DOES NOT COVER:

- Start-up and setting up of the product.
- Damage resulting from normal wear and tear of the product.
- Damage resulting from improper use of the product.
- Damage resulting from assembly or start-up not in accordance with the user manual.
- Breakdowns related to carburetion beyond 90 days and fouling of carburetors.
- Periodic and standard maintenance events.
- Actions of modification and dismantling that directly void the warranty.
- Products whose original authentication marking (brand, serial number) has been degraded, altered or withdrawn.
- Replacement of consumables.
- The use of non-original parts.
- Breakage of parts following impacts or projections.
- Accessories breakdowns.
- Defects and their consequences linked to any external cause.
- Loss of components and loss due to insufficient screwing.
- Cutting components and any damage related to the loosening of parts.
- Overload or overheating.
- Poor power supply quality: faulty voltage, voltage error, etc.
- Damages resulting from the deprivation of enjoyment of the product during the time necessary for repairs and more generally the costs related to the immobilization of the product.
- The costs of a second opinion established by a third party following an estimate by a SWAP-Europe repair station
- The use of a product which would show a defect or a breakage which was not the subject of an immediate report and/or repair with the services of SWAP-Europe.
- Deterioration linked to transport and storage\*.
- Launchers beyond 90 days.
- Oil, petrol, grease.
- Damages related to the use of non-compliant fuels or lubricants.

\* In accordance with transport legislation, damage related to transport must be declared to carriers within 48 hours maximum after observation by registered letter with acknowledgement of receipt.

This document is a supplement to your notice, a non-exhaustive list.

**Attention:** all orders must be checked in the presence of the delivery person. In case of refusal by the delivery person, it you must simply refuse the delivery and notify your refusal.

**Reminder:** the reserves do not exclude the notification by registered letter with acknowledgement within 72 hours.

**Information:** Thermal devices must be wintered each season (service available on the SWAP-Europe site). Batteries must be charged before being stored.



**CE**

BUILDER SAS  
32, rue Aristide Bergès - ZI 31270 Cugnaux – France  
Made in PRC 2022