

FEIDER

MACHINES

PETROL TILLER
INSTRUCTION MANUAL
FMTCPRO100



CE

BUILDER SAS
ZI, 32 rue aristide Bergès – 31270 Cugnaux - France
MADE IN PRC 2020

CAUTION: Read the instructions carefully. Be familiar with the controls and the proper use of the equipment

1. SAFETY WARNING:

For your safety and safety of others please pay special attention to these precautions:

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) For wheeled rotary machines, 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 overspeed 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 refueling;
- n) Reduce the throttle setting during engine shut down and, if the engine is provided with a shut-off valve, turn the fuel off at the conclusion of working;

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 has to be drained, this shall be done outdoors.

Thrown Object Hazard

Objects hit by the rotating tines can be thrown from the tiller with great force and may cause severe injury.

- 1) Before tilling, clear the tilling area of sticks, large stones, wire, glass etc.
- 2) Pieces thrown from worn or damaged-tines can cause serious injury. Always inspect the tines before using the tiller.

Fire and Burn Hazard

Gasoline is extremely flammable and gasoline vapor can explode.

Use extreme care when handling gasoline. Keep gasoline out of reach of children.

- 1) Refuel in a well-ventilated area with the engine stopped.
- 2) Allow the engine to cool before refueling. Fuel vapor or spilled fuel may be ignited.
- 3) The engine and exhaust system becomes very hot during operation and remains hot after stopping. Touching them can cause burn injuries or some materials burn.
- 4) Avoid touching a hot engine or exhaust system.
- 5) Allow the engine to cool before performing maintenance or storing the tiller indoors.










Carbon Monoxide Poisoning Hazard



Exhaust contains poisonous carbon monoxide a colorless and odorless gas. Breathing exhaust can cause loss of consciousness and may lead to death.

Operation on Slope

- 1) When tilling on slopes, keep the fuel tank with less than half oil to minimize fuel spillage.
- 2) When the tiller walks across the slope, put your effort evenly while walking up and down the slope.
- 3) Be very careful when changing the direction of the tiller on a slope.
- 4) Do not use the tiller on a slope of more than 10°.
- 5) The maximum safe grade angle shown is for reference only and the details should depend on the type of the tool. Before starting the engine, check that the tiller is not damaged and in good condition. For your safety or safety of others, pay special attention when using the tiller up or down hill.

2. WARNING SYMBOL

	Attention!
	Caution: fire risk!
	The part is extremely hot! Do not touch!
 	Read the instruction manual before use
	Caution: Do not put your hands in belt when it running.
 	Caution: rotating working tool!
	Keep away from the machine.

	<p>Warning: Exhaust emissions are harmful to health of body.</p>
	<p>Add engine oil.</p>

- That the machine shall always be used in accordance with these manufacturer's instructions the instruction handbook
- The engine shall be stopped when carrying out maintenance and cleaning operations, when changing tools and when being transported by means other than under its own power;
- Some hazards can be met when working on slopes; work slowly by holding firmly the tool. Do not transport the tool on slopes. The hazards can rise when working on difficult soil (stony, hard, etc.). there is a risk to hit some objects, sliding, lose control for the machine which will gives damages. Always inspect the working area before working, and always watch what you are doing.
- 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. This does not apply to motor hoes.
- The machine should only be operated by suitably trained persons.
- During the operation of the machine safety shoes should be worn.
- Always start up the machine under normal conditions

Intended use

This device is to be used only as an electric hoe for aerating lawns and grassy areas in private home gardens and pleasure gardens. It is not intended for use in public spaces, parks, sports fields, agriculture or forestry. Use of this device for any other purpose is considered incorrect and unapproved. The manufacturer will not be responsible for any damage or injury resulting from such use. The user is fully responsible for all related risks.

3. Tiller description

1). The main technical parameters

Power tiller

Packing SIZE (L x W x H(mm): 900x460x660

Weight: 114kg/75/kg

Working width (mm): 1000

Working depth (mm) :100-160

Guarantee sound power level: 98 dB(A)

Sound power level measured : Left: 78,9 dB(A)Right: 80dB(A)

Sound pressure level measured: 94.1 dB(A).

Vibration value: Left: 6,14m/s² Right: 5,48 m/s²K=1,5m/s²

Engine

Engine model H170F

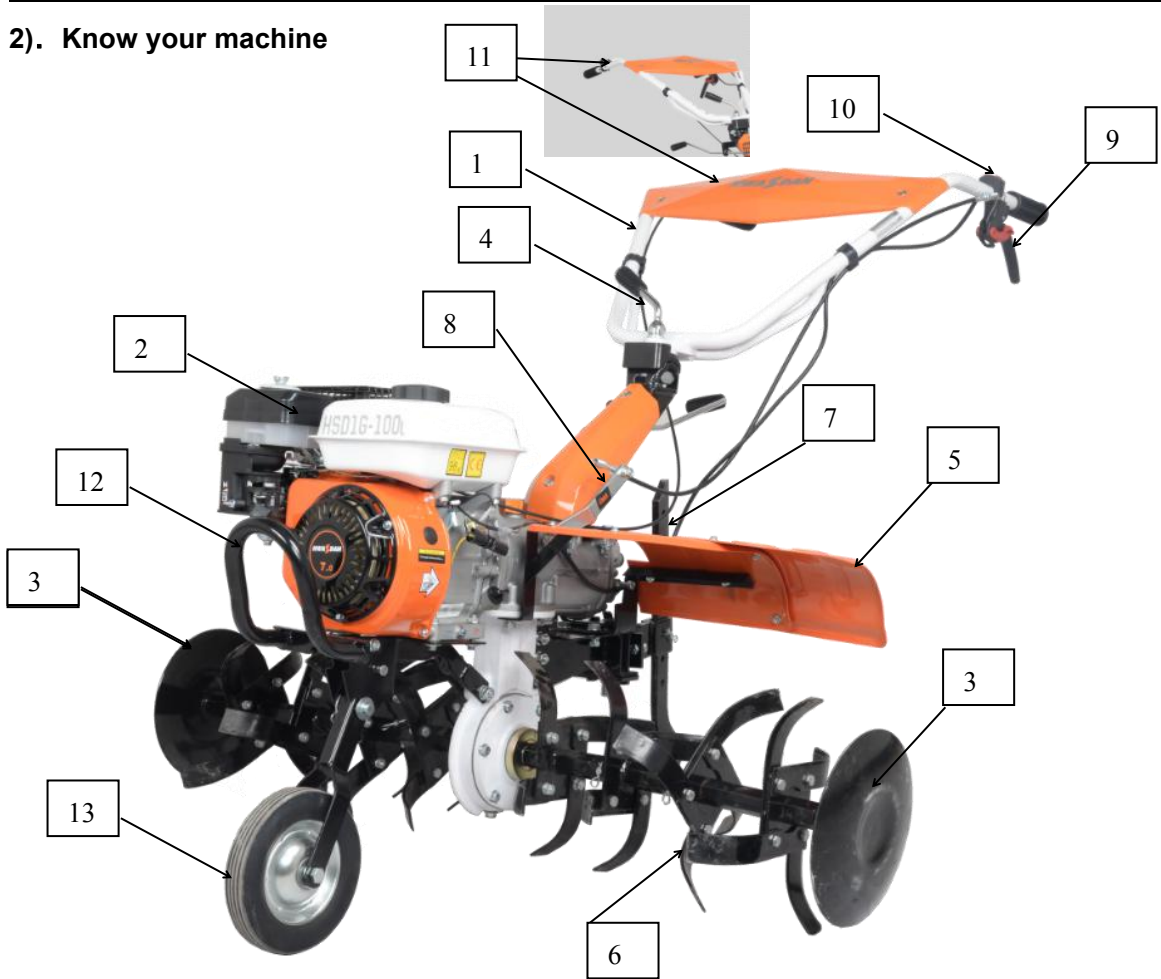
Type:single cylinder, OHV four-stroke, forced air cooling Displacement
212 cm³

Power: 4 kW

Speed: 3600/min

Oil volume (l) :0.6.

Fuel tank capacity (l): 3.6

2). Know your machine

1. Handle
2. Petrol engine
3. Side disc
4. Handlebar adjustment
5. Fender
6. Blades
7. Depth regulator
8. Gear change lever
9. Clutch lever
10. ON/OFF Switch
11. Throttle switch
12. Bumper
13. Front Support wheel

3). Daily inspection

WARNING:

This is a **0.6 l** engine. if the level of oil is below normal and you continue to use the machine, the engine will be seriously damaged.

WARNING:

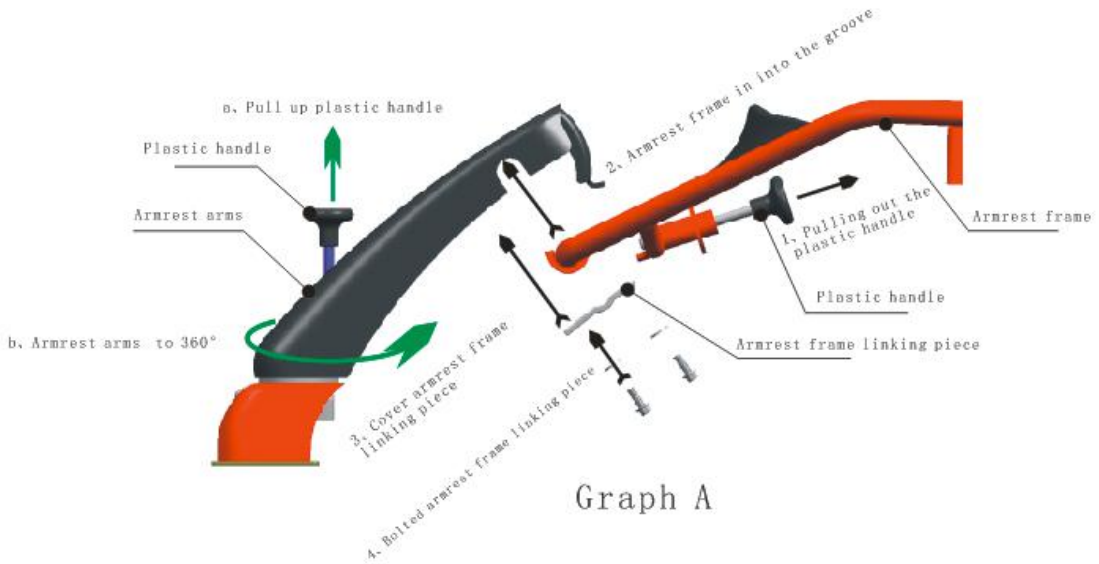
Always use 4-stroke quality oil engine. If you use a different type of oil, the service life of the engine will be shortened. Keep the engine in a horizontal position. If oil is spilled as a result of rotation, wipe clean.

4. Tiller installation and use

1). Tiller assembly

Before leaving the factory, the main parts of the power tiller have been checked. However, those using the machine in micro cultures must contact a shop for checking and adjustment so that the power tiller offers an improved performance. Owners must follow the following step to assemble it:

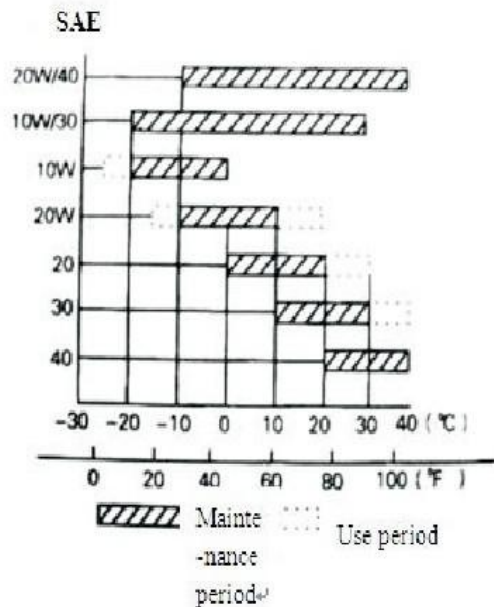
- 1) The wheel must be installed in the gearbox, at the hex shaft at both sides of the transmission shaft with locking screws.
- 2) Place the arm in the body in the position required on the basis of the terrain in relation to the axis and insert the depth regulator at the basis of the tiller.
- 3) Armrest handle. Pull from the armrest handle at the upper section of the semicircle with the armrest covered and the screw in relief as shown on Figure A below.
- 4) Pull up the armrest by pull from the plastic handle. The armrest may be 360 degrees.
- 5) Mount the fender on the engine fixed support and the body.



Graph A

Empty the oil, check that the oil level is normal. Oil SAE15W-40 is recommended for general lubrication and is suitable for a general environment temperature

2). CHECK OIL IN THE GEARBOX.



Place the machine on a flat surface for working. Unscrew the oil level. The normal value is 1.5 l. If too low, add oil up to normal value.

SAE15W is the recommended oil -40.

3) . Check air filters

If the engine were operating without a filter, engine wear would accelerate.



Figure 4



Figure 5



Figure 6

4) Tiller adjustment method,

(1) Assembling the handle and height adjustment

WARNING:

In order to adjust handle height Begin by placing the parts on a flat terrain to prevent the machine from skidding. (Figure 5) Loosen the adjusting bolt, place the handle at waist level and then fasten the belt adjustment. (Figure 6)

(2) Tilling depth adjustment. The height of the bar can be adjusted as well as the rotation control, the tilling and cutting depth. (Figure 7)



Figure 7

5) THE CLUTCH AND ITS ADJUSTMENT

WARNING:

Before using the clutch, slow down the engine. Use the clutch to control engine output. By loosening the clutch level the power input will result in the engine stopping and the tilling blade will also stop. By pressing the clutch, the power input will result in the engine starting to till with the rotating blade (figure 8)



Figure 8 Clutch adjustment.

Note: If clutch levers are poorly adjusted, this will have consequences for the normal operation of the machine. Begin by confirming that the clutch levers have normal degrees of tension. Normal lever degrees should be between 4 and 8 mm free. Then, the adjustment of the counter nut must be loosened. Adjust properly after stopping. (FIG 9)

Start the engine when necessary and check the clutch.

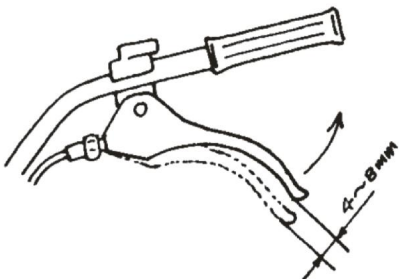


Figure 9

6) ADJUSTING THE THROTTLE LEVERS.

Reach of normal idle speed: 1600 +-150 RPM; high speed: 3600 r/min. You can use the speed adjustment table.

Speed confirmation and adjustment method



Figure 12 Throttle switch

- (1) Do not apply any load, place the throttle knob on the maximum adjustment position and check whether the data on the speed table show 3600. Do not apply any load, place the throttle knob on the maximum adjustment position and check whether the data shown on the speed table shows are 1600 +- 150.
- (2) If the data shown do not correspond to those for petrol engine, some adjustment will be required.

The following are some specific measures that may be required:

- Check every pressure regulator seal to make sure they have not come off and are properly attached.
- Do not apply any load, place the pressure regulator knobs in the maximum adjustment position, then adjust the petrol engine in the throttle combination. Place the speed adjustment screws on the correct position.
- If you are going to operate the machine for a long period of time, you can adjust the pressure regulator at the fine adjustment screw.

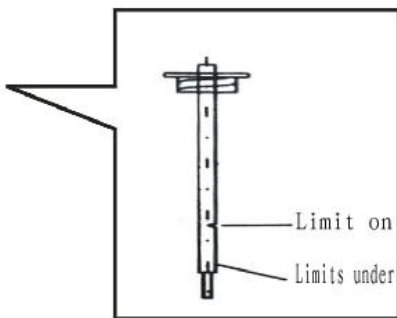
5. Operating instructions

A. Check and oil

- (1) Check the connection screws for tightness and consult the table below to tighten them in accordance with the torque requirements for these screws. Consult the instructions manual for the closed screws in the petrol engine, nuts and petrol engine torque.

Name	Torque (N.m)
Connection and petrol engine	20~25
Connection and transmission	35~40
The gearbox after the screw	10~12
Reverse transmission shaft fastening screws	26~40
Support structure and engine box	35~40
Screw covering mobile device	35~40
Screw covering mobile mechanism	50~60
The mobile mechanism and the connecting screws of the gearbox	35~40
Body	45~60
Petrol engine fixed screw	35~40
Screw preserving the armrest support structure.	35~40

- (2) Make sure that the operating system of the knob, throttle, the clutch the gear lever, the reverse lever and the sudden stop is flexible and is in the right place.
- (3) Put the gear lever in neutral.
- (4) Add oil:
 - ① Crankcase engine lubricating oil SAE15W-40 and specific methods.
 - ② Speed with lubricating oil SAE15W-40. The level is stabilised by adding oil through the oil feeder on the gearbox. Check that the level of oil is within the specified range. If not, add as necessary.



- ③ Air filter. Remove air filter cap and add approximately 0.1 litres of SAE15W-40 oil.
- ④ On the basis of environment temperature, select the suitable engine oil from the table.
- ⑤ Resupply: add -10 # petrol oil into the fuel tank (see instructions for using a petrol engine). Note: Do not exceed the upper limit.
- ⑥ Follow the instructions before preparing the engine to begin to work.

B. Start

Note: The gear lever must be neutral and your hand ready in the event of an emergency stop.

- 1) Petrol engine operation instructions must be observed, including the steps before starting the engine.
- 2) The petrol engine must be idle (1600 +/-150 r/min) without load 2 ~ 3 minutes.
- 3) Make sure that the engine operates properly. Otherwise, stop the machine.

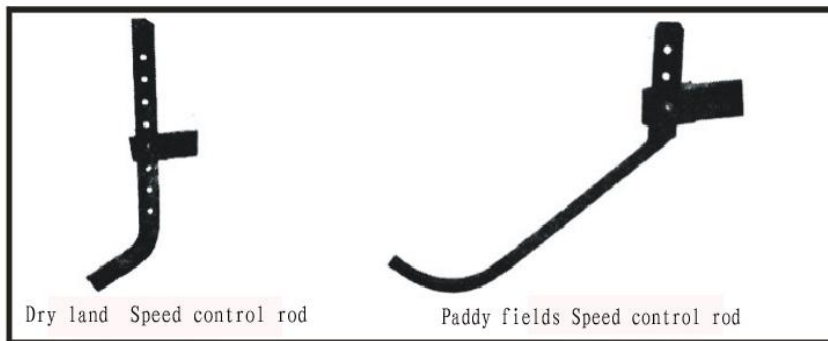
C. Operation

Note: before using the machine, the operator needs to familiarise with the operating speed of the tiller.

- 1) Low speed when operating on slopes.
 - a. Loosen the clutch with the left hand.
 - b. Use the right hand to pull from the gear lever to change down. Then, hold the right side of the handle again.
 - c. Slowly with your left hand press the clutch and you can work now with the power tiller at a lower speed.
 - d. A power tiller at low speed should be operating at about 4.5 km/h
- 2) High speed on slopes.
 - a. Loosen the clutch with the left hand.
 - b. Use the right hand to pull from the gear lever to change gear. Then, hold the right side of the handle again.
 - c. Slowly with your left hand press the clutch and you can work now with the power tiller at a higher speed.
 - d. A power tiller at high speed should be operating at about 8 km/h
- 3) Reverse on slopes
 - a. Loosen the clutch with the left hand.
 - b. Use the right hand to pull the gear lever down and pay attention if in position.
 - c. Slowly with your left hand press the clutch and then the micro power tiller will reverse.
- 4) Use the handlebar to turn left or right.
- 5) Short-distance transportation.
 - a. Loosen the clutch.
 - b. With the gear lever in neutral, turn throttle regulator clockwise toward the minimum position. The machine will stop and press the ON/OFF Switch with your hand.
 - c. If the engine should need petrol, follow the instructions for a petrol engine when refuelling. (note: the micro power tiller should be placed on a flat surface)

6) SUPPORTING THE CONNECTION DIRECTION TO BE USED.

- a. If you need to turn while you till, remove the wheel and the device of the hex tube will rotate with 8*50 of the axis of the fixed peg and screw to be removed. Once the tiller rotating blade is installed, you must install a safety protection guard for operating the machine. You can adjust the cutting speed, the height from the ground and the angle to achieve a different harvesting depth.
- b. If you need to open a trench, lower the speed, make the trench and adjust the depth and width required for the trench. (Figure 3)



Stretching the width of the ditch: 14 cm x 40 cm. Stretching the width of the ditch: 11 cm x 25 cm.

- c. Short-distance transportation. Rated load: 250 kg the calibration of the speed of the petrol engine must be: high speed at 8 km/h and low speed at around 4.5 km/h.

7) THINGS TO BEAR IN MIND REGARDING THE MICRO POWER TILLER.

- a. Pay careful attention to the working conditions and environment before using the machine. All parts and connections must be inspected to check they are in good working conditions. If you should discover something out of the ordinary, stop the machine and inspect.
- b. Do not start to work with a cold machine, particularly in the case of new machines or start working with heavy loads.
- c. Check that the level of oil in the petrol engine and the transmission. if insufficient, add oil.
- d. The use of water to cool down the engine is prohibited.
- e. After using the machine, remove the mud, the weed and the lubricating oil from the plough. Keep it clean to prevent it from rusting.
- f. Frequently wipe the machine body using a sponge and change oil.
- g. Choosing gears You can choose among five gears when operating the power tiller. How to change gears:
 - a) Turn the throttle switch in the opposite direction (left - minimum)
 - b) Press the clutch.
 - c) Move the gear mechanism as required for your needs.
 - d) Loosen the clutch and the power tiller will be ready for operation. Loosen the clutch.

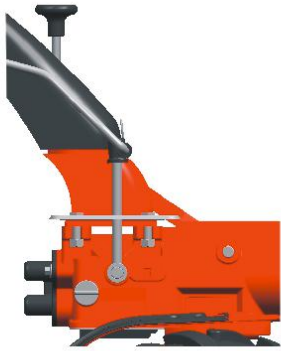


Photo fourteen

Gear shifting
Forward: Fast ;Neutral ;Slow
Reverse: Fast ;Neutral ;Slow

- e) When the side distance of the gear is under 0.05 mm you must increase the adjustment mat 1 (0.2 to 0.3 mm) to increase lateral distance and replace the seal paper 2 to ensure that the axial difference of gear 2 is between 0.05 and 0.15 mm.
- f) When the lateral distance of the gear is higher than 0.3 mm reduce the adjustment mat 1 and at the same time make sure that the axial distance between gear 2 is between 0.05 and 0.15 mm; or increase the adjustment of seal 2, making sure that the axle distance between the gears is between 0.05 and 0.15 mm



8) Method for adjusting the reverse lever and the cable line.

When confirming that the tiller does not return to its normal driving condition, see chapter 4 for correction.

Note:

- (1) Press and release the reverse lever 2 ~ 3 times and confirm gear. If it does not operate normally, contact someone qualified to examine it.
- (2) When using the power tiller, you must loosen the reverse lever and the reverse

must return without hitting the transmission gear. Pay attention to any abnormal noise as the gear may be damaged.

- (3) Clutch cable adjustment method The use of the machine will lead to some wear and tear from friction resulting in the clutch holder which regulates the clutch cable. See chapter 3 for further information.
- (4) When confirming that the tiller does not return to its normal driving condition, see chapter 4 for correction.

Note:

- (1) Press and release the reverse lever 2 ~ 3 times and check the gear. Adjust if it not as required.
- (2) If repeated adjustments do not solve the problem and you see that the clutch cable is worn, replace it for a new one.
- (3) Removing the clutch is strictly prohibited as the clutch and other parts may be damaged.
- (4) Clutch cable adjustment method.

When turning the throttle switch, the engine may increase or decrease its speed.

Note:

- (1) Repeatedly turning the throttle switch 2 ~ 3 in a petrol plus engine, must loosen and confirm performance.
- (2) Use screws for connecting the throttle cable and the adjoining levers.

9) USING THE HANDLEBAR STRUCTURE AND ADJUSTMENT METHOD

You can adjust the handlebar right, left, up and down according to your height requirements and the specific farming and ploughing requirements. The method is as follows:

1. At the handlebar, adjust:

- The regulating handle.
- Select the best position of the handle structure for the operating height required.
- Then, loosen the regulating handle, insert the bars into the corresponding hole until the handlebar is properly adjusted.

2. Adjusting the right, left armrest handle.

- Manually hold the level of the regulator handle mentioned on the bars.
- Turn the handlebar structure to the left and to the right again if needed.
- Once released, insert the corresponding handle in the hole and decide if you wish to move the handlebar structure to the left or to the right.

Note: To ensure that the rotating tines maintain a proper safety distance, please check that the left-right rotating angle of the handlebar structure is not below 35 degrees.

· You can control the handle bar upwards and downwards using the height handle and the T locking.

6. Tiller Maintenance

As this machine is used in agriculture, the friction, wear and tear and the changes in workload, parts of the machine may get loose or get worn, the petrol engine may switch off, the consumption of fuel may increase, all of which will have serious repercussions for the performance of the machine. To reduce the problems listed above, strictly follow the scheduled maintenance for longer service life and good technical performance.

A. INTEGRATION.

1. Please, consult the petrol engine instructions manual.
2. A new power tiller must be initially operated with no load under light load conditions and five hours immediately starting the engine and when all the lubricating oil is hot in the petrol engine and the crankcase.

B. TECHNICAL MAINTENANCE OF THE POWER TILLER

Types of maintenance (before and later)

1. Listen and observe whether there are abnormal phenomena (strange noises, overheating, loose screws, etc...)
2. Check the petrol engine and the gearbox for oil spillage.
3. Make sure that oil levels in the engine and gearbox are within the recommended ranges.
4. Keep the machine clean and free from weeds, grease and dirt.
5. Fill in the maintenance table.
 1. Level 1 maintenance (after 150 hours of work).
 - Clean the gearbox and replace oil.
 - Check and service the clutch, the gearbox and the reverse.
 2. Level 2 maintenance (after 800 hours of work)
 - Clean the gearbox and replace oil.
 - Check and service the clutch, the gearbox and the reverse.
 - Check all the gears for wear and replace when necessary.
 - If the tines or the connection screws are damaged, replace them for new ones.
 3. Technical repair (after between 1500 and 2000 hours of work).
 - 1) You must disassemble, clean and check for worn parts. Replace or repair as required.
 - Please, contact a professional for clutch maintenance.
 4. Maintenance of the machine and petrol engine. Please check the petrol engine instructions manual.

C. TECHNICAL MAINTENANCE OF THE TILLER (THE SIGN * IS SHOWN IN THE CONTENT TABLE TO INDICATE THAT MAINTENANCE IS REQUIRED).

D. LONG TERM MAINTENANCE OF THE POWER TILLER.

Farm machinery is often stored for long periods of time. To prevent corrosion, the following steps must be taken:

1. Follow the guidelines for long term storage of a petrol engine.

2. Clean any visible dirt and dust.
3. Check oil in the gearbox.
4. Do apply paint on the aluminum alloy surface.
5. Parts must be kept indoor and in a well-ventilated place.
6. Keep the equipment, the product certificate and the instructions manual.

7. **CE Declaration of conformity**



CE Declaration of conformity

BUILDER

ZI, 32, rue Aristide Bergès – 31270 Cugnaux - France

Declares that the machinery designated below:

PETROL TILLER

INSTRUCTION MANUAL

FMTCPRO100

Serial number: [20200726010-20200726019/20200903118-20200903127](#)

Complies with the provisions of the Directive "machinery" 2006/42 / EC and the national regulations transposing it;

Also complies with the following European directives:

Emission Directive (EU) 2016/1628 and 2018/989/EU

Directive EMC 2014/30 /EU

Also complies with European standards, national standards and technical provisions following EN 709:1997+A4; EN ISO 14982:2009

Cugnaux, le 20/06/2020

A handwritten signature in black ink, appearing to read 'Philippe MARIE'.

Philippe MARIE / PDG

8. 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).



9. PRODUCT FAILURE

WHAT TO DO IF MY MACHINE BREAKS DOWN?

If you bought your product in a store:

- a) Empty the fuel tank.
- 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.
- 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.



10. 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.