

FEIDER

MACHINES

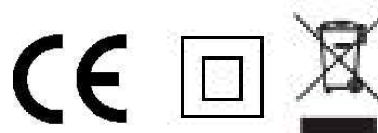
DRYWALL SANDER

INSTRUCTION MANUAL

MODEL: FPEP1200CPC



WARNING! Please read this manual before use the tool



Feider France
ZI – 32, rue Aristide Bergès, 31270 Cugnaux, France
Made in P.R.C. 2021

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1. SAFETY WARNINGS



WARNING! Read all safety warnings and all instructions. *Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.*

Save all warnings and instructions for future reference. *The term "power tool" in the warnings refers to your mains-operated (corded) power tool*

1) Work area

- a) **Keep work area clean and well lit.** *Cluttered and dark areas invite accidents.*
- b) **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.*
- c) **Keep children and bystanders away while operating a power tool.** *Distractions can cause you to lose control.*

2) Electrical safety

- a) **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.*
- b) **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.*
- c) **Do not expose power tools to rain or wet conditions.** *Water entering a power tool will increase the risk of electric shock.*
- d) **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.*
- e) **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.*
- f) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** *Use of an RCD reduces the risk of electric shock.*

3) Personal safety

- a) **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.*
- b) **Use safety equipment. Always wear eye protection.** *Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.*
- c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** *Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.*
- d) **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.*
- e) **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the power tool in unexpected situations.*
- f) **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.*

g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. *Use of dust collection can reduce dust-related hazards.*

h) Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. *A careless action can cause severe injury within a fraction of a second.*

4) Power tool use and care

a) 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.*

b) 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.*

c) Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools. *Such preventive safety measures reduce the risk of starting the power tool accidentally.*

d) 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 tools are dangerous in the hands of untrained users.*

e) Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. *Many accidents are caused by poorly maintained power tools.*

f) Keep cutting tools sharp and clean. *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*

g) Use the power tool, accessories and tool bits etc., in accordance with these instructions, 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.*

h) Keep handles and grasping surfaces dry, clean and free from oil and grease. *Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*

5) Service

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

Safety instructions for all operations

Safety Warnings Common for Grinding, Sanding, Wire Brushing, Polishing or Abrasive

Cutting-Off Operations:

a) This power tool is intended to function as a sander. Read all safety warnings, instructions, illustrations and specifications provided with this power tool. *Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.*

b) Operations such as grinding, sanding, wire brushing, polishing or cutting-off are not recommended to be performed with this power tool. *Operations for which the power tool was not designed may create a hazard and cause personal injury.*

c) Do not use accessories which are not specifically designed and recommended by the tool manufacturer. *Just because the accessory can be attached to your power tool, it does not assure safe operation.*

d) The rated speed of the accessory must be at least equal to the maximum speed marked on the power tool. *Accessories running faster than their rated speed can break and fly apart.*

- e) **The outside diameter and the thickness of your accessory must be within the capacity rating of your power tool.** *Incorrectly sized accessories cannot be adequately guarded or controlled.*
- f) **Threaded mounting of accessories must match the grinder spindle thread. For accessories mounted by flanges, the arbour hole of the accessory must fit the locating diameter of the flange.** *Accessories that do not match the mounting hardware of the power tool will run out of balance, vibrate excessively and may cause loss of control.*
- g) **Do not use a damaged accessory. Before each use inspect the accessory such as abrasive wheels for chips and cracks, backing pad for cracks, tear or excess wear, wire brush for loose or cracked wires. If power tool or accessory is dropped, inspect for damage or install an undamaged accessory. After inspecting and installing an accessory, position yourself and bystanders away from the plane of the rotating accessory and run the power tool at maximum no-load speed for one minute.** *Damaged accessories will normally break apart during this test time.*
- h) **Wear personal protective equipment. Depending on application, use face shield, safety goggles or safety glasses. As appropriate, wear dust mask, hearing protectors, gloves and workshop apron capable of stopping small abrasive or workpiece fragments. The eye protection must be capable of stopping flying debris generated by various operations. The dust mask or respirator must be capable of filtering particles generated by your operation. Prolonged exposure to high intensity noise may cause hearing loss.**
- i) **Keep bystanders a safe distance away from work area. Anyone entering the work area must wear personal protective equipment. Fragments of workpiece or of a broken accessory may fly away and cause injury beyond immediate area of operation.**
- j) **Hold the power tool by insulated gripping surfaces only, when performing an operation where the cutting accessory may contact hidden wiring or its own cord. Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.**
- NOTE the above warning may be omitted if polishing or sanding are the only recommended operations.
- k) **Position the cord clear of the spinning accessory. If you lose control, the cord may be cut or snagged and your hand or arm may be pulled into the spinning accessory.**
- l) **Never lay the power tool down until the accessory has come to a complete stop. The spinning accessory may grab the surface and pull the power tool out of your control.**
- m) **Do not run the power tool while carrying it at your side. Accidental contact with the spinning accessory could snag your clothing, pulling the accessory into your body.**
- n) **Regularly clean the power tool's air vents. The motor's fan will draw the dust inside the housing and excessive accumulation of powdered metal may cause electrical hazards.**
- o) **Do not operate the power tool near flammable materials. Sparks could ignite these materials.**
- p) **Do not use accessories that require liquid coolants. Using water or other liquid coolants may result in electrocution or shock.**

Further safety instructions for all operations

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.







- a) **Maintain a firm grip on the power tool and position your body and arm to allow you to resist kickback forces. Always use auxiliary handle, if provided, for maximum control over kickback or torque reaction during start-up.** *The operator can control torque reactions or kickback forces, if proper precautions are taken.*
- b) **Never place your hand near the rotating accessory.** *Accessory may kickback over your hand.*
- c) **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.*
- d) **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.*
- e) **Do not attach a saw chain woodcarving blade or toothed saw blade.** *Such blades create frequent kickback and loss of control.*

Additional safety instructions for sanding operations

Safety Warnings Specific for Sanding Operations:

- a) **Do not use excessively oversized sanding disc paper. Follow manufacturer's recommendations, when selecting sanding paper.** *Larger sanding paper extending beyond the sanding pad presents a laceration hazard and may cause snagging, tearing of the disc or kickback.*

Warning symbol

	WARNING-To reduce the risk of injury, user must read instruction manual.
	Always wear ear protection
	Always wear goggles
	Always wear a breathing mask
	In accordance with essential applicable safety standards of European directives
	Class II product

Residuals risks

Even if you use this product in compliance with all safety requirements, the potential risks of injury and damage remain. The following hazards may arise in the structure and design of this product. Always be vigilant when using this product, so you can recognize and manage the risks rather.

There are harmful health consequences resulting from the emission of vibrations if the product is used for long periods of time or not properly managed and properly maintained.

There is risk of injury and property damage due to attachments or broken the sudden impact of hidden objects.

There is a risk of injury to persons and property caused by flying objects.

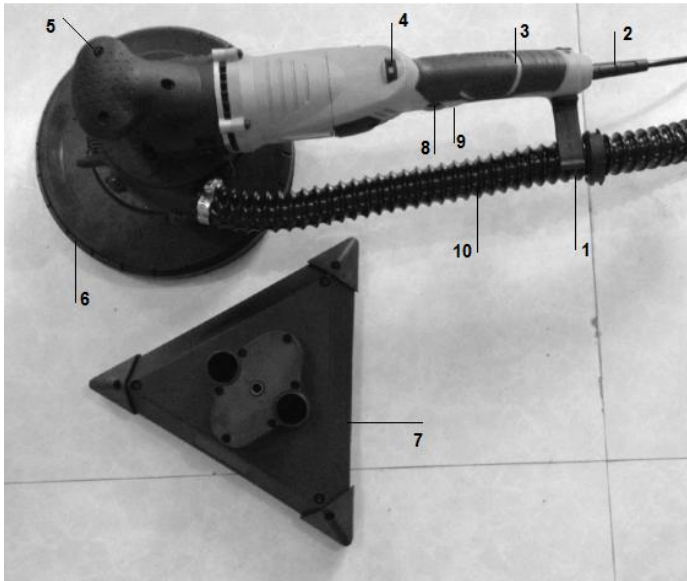
Intended use

The Drywall Sander is designed for sanding walls and ceilings that are made of drywall or plaster. The Sander provides a superior finish, and is faster than conventional finishing methods for both new construction and renovation work. Clean-up time is minimized by the use of an external Vacuum Cleaner attached to the sander.

Use the tool as described in this manual. Do not the tool for others purposes.

2. YOUR PRODUCT

a. Description



1. Hose holder
2. Power cable
3. Rear handle
4. Speed adjuster
5. Front handle
6. Rotary pad
7. Delta pad
8. ON/OFF lock switch
9. ON/OFF switch
10. Hose

The tool is also provided with 2 sets of sand paper (for rotary and delta pad) and a dust collector bag.

b. Technical specifications

- Voltage supply: 230V~ 50Hz
- Power: 1200W
- Speed: 1000-1950/min
- Protection class: Class II
- Disc diameter: 225mm
- Spindle thread size: M14/M6
- Weight: 3.1kg
- $L_{pa} = 92.6 \text{ dB(A)}$; $K_{pA} = 3 \text{ dB(A)}$
- $L_{wa} = 103.6 \text{ dB(A)}$; $K_{wA} = 3 \text{ dB(A)}$
- Vibration
 - o For disc-type sander function: Main handle: $a_h=4,794\text{m/s}^2$; Auxiliary handle: $a_h=3,168\text{m/s}^2$
 - o For Triangle orbital sander function: Main handle: $a_h=7,914\text{m/s}^2$; Auxiliary handle: $a_h=8,874\text{m/s}^2$
 - o Uncertainty $K = 1.5\text{m/s}^2$

The declared vibration total value has been measured in accordance with a standard test method and may be used for comparing one tool with another;

The declared vibration total value may also be used in a preliminary assessment of exposure.

Warning:

that the vibration emission during actual use of the power tool can differ from the declared total value depending on the ways in which the tool is used; and of the need to identify safety measures to protect the

operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).
Wear hearing protection.

3. OPERATION

Before the repair or replacement parts, electric tool accessories, be sure to pull out the plug from the socket

a. Selection of the appropriate sand paper

The drywall sander is delivered with two set of sander paper: a set for the rotary pad and a set for the delta pad. They are suitable for most applications. Abrasive discs of 120 grits and 240 grits are available for situations requiring a smoother finish.

According to the material and the grinding effect, select the appropriate sandpaper.

Material	Use	Grit
Pigment	Removal of pigment layer	40
Paint	Removal of paint	60
Filling agent	Grinding bottom pigment (such as finishing bottom)	80
Interstitial material	Removal Brush paint, grinding residues	100
Pigment layer drips and convex	Removal brushing mark, and residual paint	120
Flat bottom material	Good finished sanding for new painting	180-240

b. Installation of the sand paper

The rotary pad is installed by default in the tool. Stick a sand paper on the rotary pad. Be sure that the edges are aligned.

c. Connection with the dust bag collector

Connect the hose to the provided dust bag as show below. When the bag is full, empty it.



CAUTION: Failure to use a dust bag rated for drywall dust will increase the level of airborne dust particles in the work area. Continued and prolonged exposure to high concentrations of airborne dust may affect the respiratory system function.

d. Starting and stopping

- Be sure that the disc and the sand paper are well assembled.
- Plug the tool to the supply mains.
- Push and hold the lock button and then push the ON/OFF switch.
- To stop the operation, release these two buttons.

e. Speed adjustment

The grinding of the grinding disk rotation speed can be adjusted according to different conditions and grinding quality requirements.

The Drywall Sander is equipped with a variable speed control. The speed is adjusted by turning the control knob. The control knob is numbered to MIN to MAX. MIN is the slowest speed (approximately 1200 RPM) and "MAX" being the fastest speed (approximately 1950 RPM).

Use the higher speed settings for fast stock removal. Use the lower speed setting to reduce removal rate for more precise control.



f. Sanding drywall

The drywall Sander has a unique articulating sanding head: the abrasive pad to conform to the work surface.

This enables the operator to sand the top, middle and bottom of a wall or ceiling joint.

When sanding the tall wall, and ceiling, please use a ladder for help.

The sanding pad could be adjusted the height by itself when it meet the uneven wall.

- CAUTION: Wear a respirator protection.
- Position the drywall dander lightly against work surface (apply just enough pressure to align the sanding head with the work surface).
- Apply additional pressure to engage the abrasive pad to the work surface: while moving the Sander in an overlapping pattern to smooth the drywall compound down to a "featheredge".

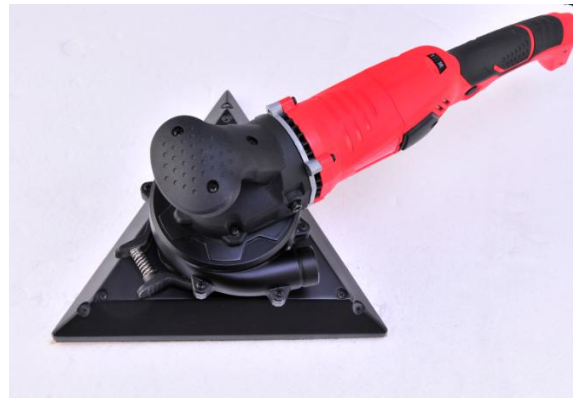
Apply ONLY enough pressure to keep the abrasive pad flat against the work. Excessive pressure can cause unacceptable swirl marks and unevenness in the work surface.

Keep the sander in constant motion while abrasive pad is in contact with the work surface. Use a steady, sweeping motion. Stopping the Sander (on the work), or moving the Sander erratically can cause unacceptable swirl marks and unevenness in the work surface.

NOTE: Do not allow rotating abrasive pad to contact sharp protrusions. Contact with protruding objects (nails, screws, electrical boxes, etc.), can severely damage the abrasive pad.

g. Angle grinding

In order to do side grinding work, assemble with delta pad (see below for the assembly).



h. Replacement of sanding paper

The tool must be switched off and unplugged.

Hold the tool and remove the current sand paper by pulling it.

Before the installation of a new sanding paper, clear the tool before. Remove dirt sticking grinding wheel.

Stick a new sand paper on the tool. Be sure that the edges are well aligned together. For the delta pad, be sure also that the hole of the sand paper are aligned with the holes of the delta pad.

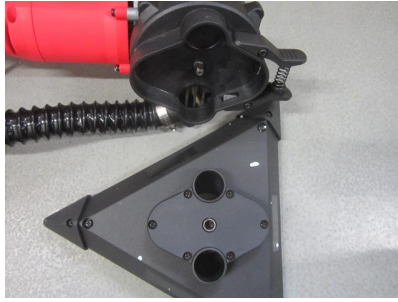


i. Replacement of the disc.

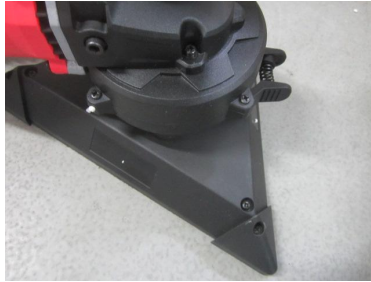
Press the quick assemble button to release rotary pad.



Place delta pad in front of machine body, matching the two holes and square shaft shape.



Press machine down till the quick assemble button automatically lock the pad.



NOTE: To reinstall the rotary pad, switch off and unplug the tool. Follow the same step as above.

4. MAINTENANCE AND STORAGE

a. Carbon brush replacement

Included in the accessories there is a pair of carbon brush. When the carbon brush almost worn it should be replaced with a new one. Use screw driver to open carbon brush cover, move tension spring to side, and then pull out of the old carbon brush. Replace to new one and close the carbon brush cover.



b. Maintenance

Keep tools clean, clean up debris and dust.

Often add in lubricating oil and grease (reducer, bearing) to keep the tool flexible operation.

Always check the power cable, plug, switch, so that the tools in good condition.

Power tools produced by the company are inspected. If the machine meets some malfunction please bring it to our service agent for inspection and reparation.

c. Spare parts

You can order the spare parts directly from our Service Center.

d. Repairs

There are no repairs to be provided by the user. For inspection and repairs, bring the tool directly to a qualified service.

e. Storage

After use and cleaning, please store your tool. Store the tool in a clean, dry place, preferably in its box.

The tool must be stored away from children and pets.

Avoid exposing the tool to direct sunlight.

5. DISPOSAL



Electrical products should not be discarded with household products. According to the European Directive 2012/19/EU on waste electrical and electronic equipment and its implementation into national law, electrical products used must be collected separately and disposed of at collection points provided for this purpose. Talk with your local authorities or dealer for advice on recycling.

6. CE DECLARATION OF CONFORMITY



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

States that the designated below machine:

Drywall sander

FPEP1200CPC

Serial number: 20210515281-20210515780

Developed, designed and manufactured in accordance with the requirements of directives:

Machinery Directive 2006/42/EC

EMC Directive 2014/30/EC

ROHS Directive (EU)2015/863 amending 2011/65/EU

Also meets the following standards:

EN60745-1:2009+A11:2010

EN62841-1:2015

EN60745-2-3:2011/A13:2015

EN62841-2-4:2014

EN55014-1:2017

EN55014-2:2015

EN61000-3-2:2014

EN IEC61000-3-2:2019

EN61000-3-3:2013

EN61000-3-3:2013/A1:2019

Cugnaux: 13/04/2021

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

Philippe MARIE/PDG

Responsible of technical file: Mr. Olivier Patriarca

7. 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).



8. 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.



9. 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, if 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.