

FEIDER

MACHINES

Instruction manual

2-IN-1 Industrial Nailer/Stapler

FCP2IN1



WARNING: READ THE FOLLOWING INSTRUCTIONS BEFORE USE THIS TOOL.

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



1 Technical data

Type of tool	FCP2IN1
Weight (without fasteners).....	1.65kgs
Activation mode	single sequential actuation
Maximum allowable pressure.....	8.3 bar
Recommended allowable pressure range.....	4.8 to 7.5 bar
Noise characteristic values in accordance with EN 12549.LpA :.....	87.7 dB(A)
Vibration characteristic values in accordance with.....	2.3 m/s ²
Recommended lubricant.....	white mineral oil 10#

1.1 Fastener

Fastener size for brad nail: 18 gauge(1.25x1.0mm),length:15-50mm(5/8“-2“)

Fastener size for staple :Crown :5.70mm. 18 gauge (1.25*1.05mm) length:16—40mm (5/8” —1-5/8”)

1.2 Accessories

- Hexagon Key
- Lubricant
- Operating instruction

1.3 Description/Features

Innovative design with light weight

Easily open magazine latch for fast loading by one hand

Continuous operation for high efficiency

Heat treated air inlet plug prolonged the life.



4 : Location of Parts (seeFigure 1)

- A-Magazine
- B-Magazine Latches
- C-Nailer Nose
- D-Trigger

E-Exhaust Vent
F-1/4"Air Quick Coupler

2 Special references

2.1 Instructions

- a. Only those fasteners listed in the operating instructions may be used in the fastener driving tools;
- b. Only the main energy and the lubricants listed in the operating instructions may be used;
- c. fastener driving tools marked with an inverted equilateral triangle standing on one point may only be used with an effective safety yoke;
- d. Fastener driving tools equipped with contact actuation or continuous contact actuation, marked with the symbol "Do not use on scaffoldings, ladders", shall not be used for specific application for example: when changing one driving location to another involves the use of scaffoldings, stairs, ladders, or ladder alike constructions, e.g. roof laths, closing boxes or crates, fitting transportation safety systems e.g. on vehicles and wagons;
- e. For the maintenance of fastener driving tools, only spare parts specified by the manufacturer or his authorised representative shall be used;
- f. Repairs shall be carried out only by agents authorised by the manufacturer or by other specialists, having due regard to the information given in the operating instructions;
- g. Stands for mounting the fastener driving tools to a support for example a work table, shall be designed and constructed by the stand manufacturer in such a way that the fastener driving tool can be safely fixed for the intended use, thus for example avoiding damage, distortion or displacement.

2.2 Safety of the fastener driving tool

- Check prior to each operation that the safety and triggering mechanism is functioning properly and that all nuts and bolts are right.
- Do not carry out any alterations to the fastener driving tool without the manufactures authorization.
- Do not disassemble or make inoperative any parts of the fastener driving tool such as the safety yoke.
- Do not perform any "emergency repairs" without proper tools and equipment.
- The fastener driving tool should be serviced properly and at regular intervals in accordance with the
- Manufacturer's instructions.
- Avoid weakening or damaging the tool, for example by:
 - punching or engraving;
 - modification not authorized by the manufacturer
 - guiding against templates made of hard material such as steel;
 - use the equipment as a hammer;
 - applying excessive force of any kind








2.3 Additional instructions for fastener driving tools operated by compressed air:

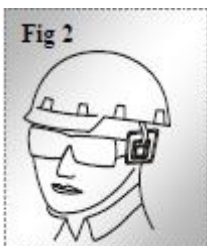
- a. Fastener driving tools operated by compressed air shall only be connected to compressed air lines where the maximum allowable pressure cannot be exceeded by a factor of more than 10%, which can for example be achieved by a pressure reduction valve which includes a downstream safety valve;
- b. When using fastener driving tools operated by compressed air, particular attention must be paid to avoid exceeding the maximum allowable pressure;

- c. Fastener driving tools operated by compressed air should only be operated at the lowest pressure required for the work process at hand, in order to prevent unnecessarily high noise levels, increased wear and resulting failures;
- d. Hazards caused by fire and explosion when using oxygen or combustible gases for operating compressed

Warning symbols explanation:



- Read the instruction manual before using this tool. 
- Damage to lungs if an effective dust mask is not worn. 
- Damage to hearing if effective hearing protection is not worn. 
- Health defects resulting from vibration emission if the tool is being used over longer period of time or not adequately managed and properly maintained.
- Wear eye protection. 
- Do not use on scaffoldings, ladders. 
- The fastener driving tools which have to be equipped with a safety yoke 
- Do not use bottled gas 

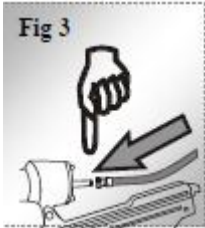


2.5 Safety at work

Never point any operational fastener driving tool at yourself or at any other person.

Hold the fastener driving tool during the work operation in such a way that no injuries can be caused to the head or to the body in the event of possible recoil consequent upon a disruption in the energy supply or hard areas within the workplace (See fig 2) .

Never actuate the fastener driving tool into free space. This will avoid any hazard caused by free flying fasteners and excessive strain of the tool.



The tool shall be disconnected from the compressed air system for the purpose of transportation, especially where ladders are used or where an unusual physical posture is adopted whilst moving (see Fig 3).

Carry the fastener driving tool at the workplace using only the handle, and never with the trigger actuated.

Take conditions at the workplace into account. Fasteners can penetrate thin work pieces or slip off corners and edges of workplaces, and thus put people at risk.

For personal safety, use protective equipment such as hearing and eye protection (see fig 2)

2.6 Triggering devices

Fastener driving tools are operated by actuating the trigger using finger pressure.

In addition, fastener driving tool is fitted with a safety yoke which enables the driving operation to be carried out only after the muzzle of the tool is pressed against a work piece, These tool are marked with an inverted

triangle(▽) behind the serial number and are not permitted for use without an effective safety yoke.

2.7 Actuating systems

Depending on their purpose, fastener driving tool is fitted with actuating system of single sequential actuation.

Single sequential actuation: An actuating system in which the trigger and the safety yoke have to be activated so the only one single driving operation is actuated via the trigger after the muzzle of the tool has been applied to the driving location, Thereafter further driving operations can only be performed after the trigger has been returned to the non driving position whilst the safety yoke remains depressed.

3 Compressed air system

WARNING

Never free-fire the tool at high pressure.

Proper functioning of the fastener driving tool requires filtered, dry and lubricated compressed air in adequate quantities.

If the air pressure in the line system exceeds the maximum allowable of the fastener driving tool, a pressure reducing valve followed by a downstream safety valve shall additionally be fitted in the supply line to the tool.

NOTE: When compressed air is generated by compressors, the natural moisture in the air condenses and collects as condensed water in pressure vessels and pipelines. This condensate must be removed by water separators. These water separators must be checked on a daily basis and if necessary drained, since corrosion can otherwise develop in the compressed air system and in the fastener driving tool, which serves to accelerate wear.

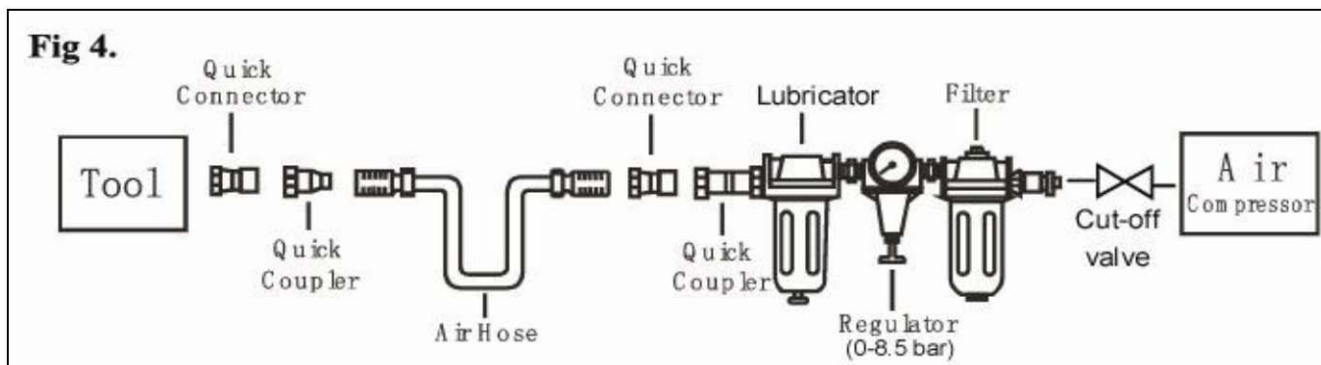
The compressor plant shall be adequately dimensioned in terms of pressure output and performance (volumetric flow) for the consumption which is to be expected. Line sections which are too small in relation to the length of the line (pipes and hoses), as well as overloading the compressor, will result in pressure drops. Permanently laid compressed air pipelines should have an internal diameter of at least 19 mm and a corresponding large diameter where relatively long pipelines or multiple users are involved.

Compressed air pipelines should be laid so as to form a gradient (highest point in the direction to the compressor). Easily accessible water separators should be installed at the lowest points.

Junctions for users should be joined to the pipelines from above,

Connecting points for fastener driving tools should be fitted with a compressed air servicing unit (filter/water separator/oiler) directly at the junction point.

Oilers must be checked on a daily basis and if necessary topped up with the recommended grade of oil (see TECHNICAL DATA). Where hose lengths of over 10 m are used, the oil supply for the fastener driving tool cannot be guaranteed. We therefore recommend that 2 to 5 drops (depending on the loading of the fastener driving tool) of the recommended oil (see TECHNICAL DATA) should be added via the air inlet of the tool, or an oiler attached directly to the fastener driving tool. (see fig 4)



4 Preparing the tool for use

4.1 Preparing a tool for first time operation

Please Read and observe these Operating Instruction before using the tool. Basic safety measures should always be strictly followed to protect against damage to the equipment and personal injury to the user or other people working in the vicinity of operation.

4.2 Connection to the compressed air system

Ensure that the pressure supplied by the compressed air system does not exceed the maximum allowable pressure of the fastener driving tool. Set the air pressure initially to the lower value of the recommended allowable pressure (see TECHNICAL DATA).

Empty the magazine to prevent a fastener from being ejected at the next stage of work in the event that internal parts of the fastener driving tool are not in the starting position following maintenance and repair work or transportation.

Connect the fastener driving tool to the compressed air supply using suitable pressure hose equipped with quick-action connectors.

Check for proper functioning by applying the muzzle of the fastener driving tool to a piece of wood or wooden material and actuating the trigger once or twice.

4.3 Filling the magazine

Only those fasteners specified under TECHNICAL DATA (see 1.1) may be used

When filling the magazine, hold the tool so that the muzzle is not pointing towards the operator or any other person.

4.4 Handling the tool

Pay attention to **2-Special Reference**-of these operating instructions.

Having checked that the fastener driving tool is functioning correctly, apply the tool to a work piece and actuate the trigger.

Check whether the fastener has been driven into the work piece in accordance with the requirements.

- if the fastener is protruding, increase the air pressure in increments of 0.5 bar, checking the result after each new adjustment;

- if the fastener is driven into an excessive depth reduce the air pressure in increments of 0.5 bar until the result is satisfactory.

You should endeavor in any event to work with the lowest possible air pressure. This will give you three significant advantages;

1.energy will be saved, 2.less noise will be produced,

3.a reduction in fastener driving tool wear will be achieved.

Avoid triggering the fastener driving tool if the magazine is empty.

Any defective or improperly functioning fastener driving tool must immediately be disconnected from the compressed air supply and passed to a specialist for inspection.

In the event of longer breaks in work or at the end of the working shift, disconnect the tool from the compressed air supply and it is recommended to empty the magazine.

The compressed air connectors of the fastener driving tool and the hoses should be protected against contamination, the ingress of coarse dust chips, sand etc, will result in leaks and damage to the fastener driving tool and the couplings.

5. Maintenance

Disconnect the tool from the compressor before adjusting, clearing jams, servicing & maintenance, relocating and during non operation.

Regular lubrication, if your tool without using the in-liner automatic oiler, place 2 or 6 drops of pneumatic tool oil into the air inlet before each work day or after 2 hours of continuous use depending in the characteristic of work piece or type of fasteners.

Air-operated tools must be inspected periodically, and worn or broken parts must be replaced to keep the tool operating safely and efficiently. Check and change all worn or damaged O-ring, Seals, etc. Tight all the screws and caps in case personal injury.

Make regular inspection for free movement of trigger, Spring and safety mechanism to assure safe system is complete and functional: no loose and missing parts.

Keep magazine and nose of tool clean and free of any dirt lint or abrasive particles.

When temperatures are below freezing, tools should be kept warm by any convenient, safe method.

6 Troubleshooting (See Table 1)

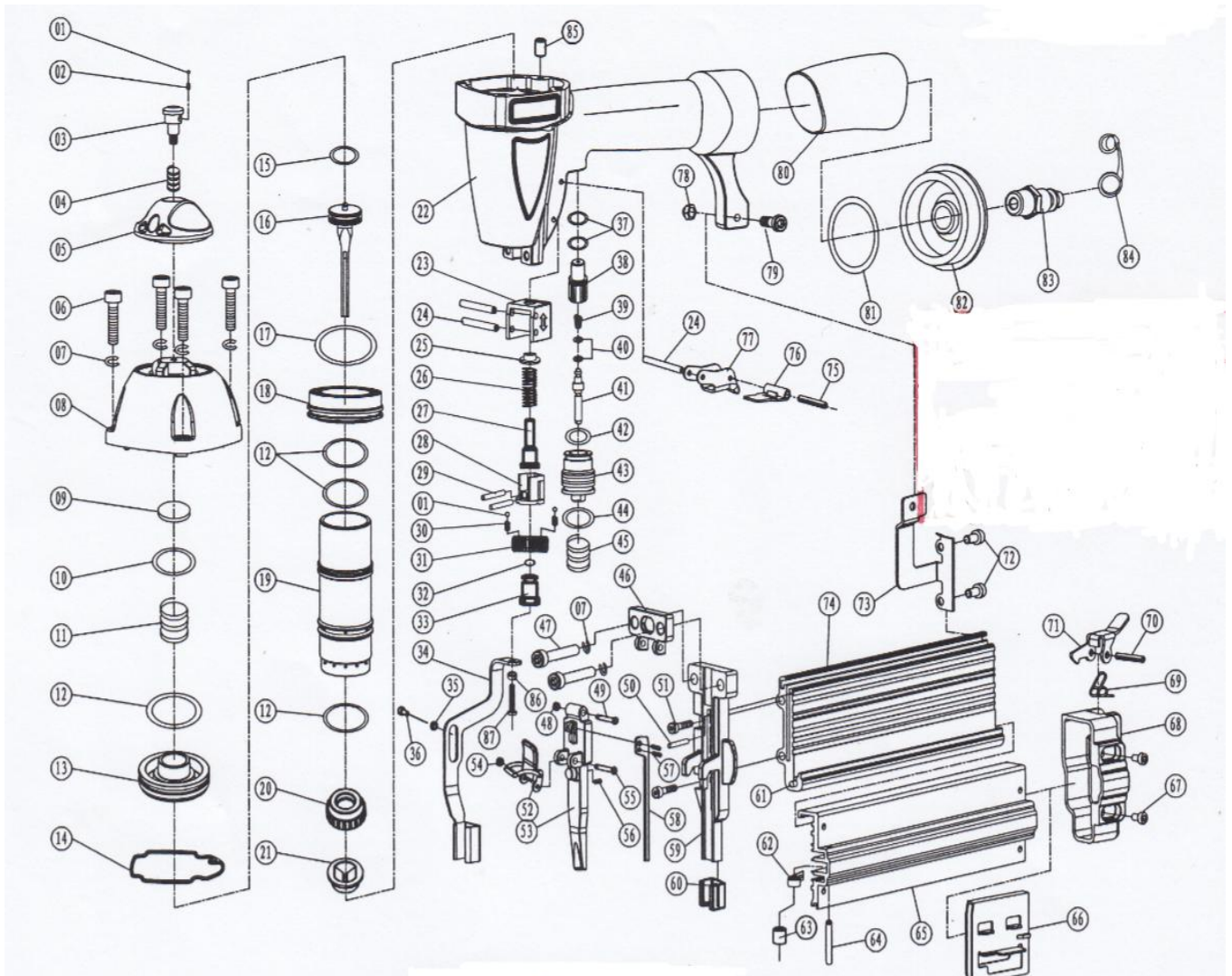
SYMPTOM	PROBLEM	SOLUTIONS
Air leak near top of tool or in trigger area	<ol style="list-style-type: none"> 1. O-ring in trigger valve is damaged. 2. Trigger valve head are damage. 3. Trigger valve stem, seal or O-ring are damaged. 	<ol style="list-style-type: none"> 1. Check and replace O-ring. 2. Check and replace. 3. Check and replace trigger valve stem, seal or O-ring
Air leak near bottom of tool.	<ol style="list-style-type: none"> 1. Loose screws. 2. Worn or damaged O-rings or bumper. 	<ol style="list-style-type: none"> 1. Tighten screws. 2. Check and replace O-rings or bumper.
Air leak between body and cylinder cap.	<ol style="list-style-type: none"> 1. Loose screws. 2. Worn or damaged O-rings or seals. 	<ol style="list-style-type: none"> 1. Tighten screw. 2. Check and replace O-rings or bumper.
Tool does not operate well: cannot drive fastener or operate sluggishly.	<ol style="list-style-type: none"> 1. Inadequate air supply. 2. Inadequate lubrication. 3. Worn or damaged O-rings or seals. 4. Exhaust port in cylinder head is blocked. 	<ol style="list-style-type: none"> 1. Verify adequate air supply. 2. Place 2 or 6 drops of oil into air inlet. 3. Check and replace O-rings or seal. 4. Replace damaged internal parts.
Tool skips fasteners.	<ol style="list-style-type: none"> 1. Worn bumper or damaged spring. 2. Dirt in front plate. 3. Dirt or damage prevents fasteners from moving freely in magazine. 4. Worn or dry O-ring on piston or lack of Lubrication. 5. Cylinder covers seal leaking. 	<ol style="list-style-type: none"> 1. Replace bumper or pusher spring. 2. Clean drive channel on front plate. 3. Magazine needs to be cleaned. 4. O-ring needs to be replaced or lubricate. 5. Replace Sealing washer.

<p>Tool jams.</p>	<ol style="list-style-type: none"> 1. Incorrect or damaged fasteners. 2. Damaged or worn driver guide. 3. Magazine or nose screw loose. 4. Magazine is dirty. 	<ol style="list-style-type: none"> 1. Change and use correct fastener. 2. Check and replace the driver. 3. Tighten the magazine. 4. Clean the magazine.
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Table 1

7. Explode Drawing (See Figure 5)

Figure 5



8. Parts list

NO	Description	QT Y	NO	Description	QT Y	NO	Description	QT Y	NO	Description	QT Y
01#	Steel Ball (Dw=2.5)	3	23#	Stand	1	45#	Compressed Spring	1	67#	Bolt M4*6	2
02#	Compression Spring	1	24#	Pin 3x26	1	46#	Fixed cover	1	68#	Fixed seat	1
03#	Bolt	1	25#	spacer	1	47#	Bolt M5x25	2	69#	Compressed Spring	1
04#	Compression Spring	1	26#	Compressed Spring	1	48#	Pin Bush	1	70#	Bolt 3*18	1
05#	Air deflector	1	27#	pusher pipe	1	49#	Lock Pin	1	71#	Fixed lever	1
06#	Bolt (M5x20)	4	28#	Adjust Stand	1	50#	Norm Pin 1X10	2	72#	Bolt M4*8	2
07#	Spring Washer 5	6	29#	Norm Pin 1.5x8	2	51#	Bolt M4*16	2	73#	permanent seat	1
08#	Cylinder Cover	1	30#	Compression spring B	2	52#	Quick Release	1	74#	fixed magazine	1
09#	Sealing Washer	1	31#	Adjust NutII	1	53#	Drive Guide Cover	1	75#	Norm Pin3*17.5	1
10#	O-ring 17x2.65	1	32#	pushbeamII	1	54#	O-ring 1.9x1.2	1	76#	safety screen	1
11#	Compressed Spring	1	33#	Adj Pipe	1	55#	Pin	1	77#	triggerII	1
12#	O-ring 33.6x2	4	34#	safty	1	56#	Compressed Spring	1	78#	Nut M4	2
13#	Switch Valve	1	35#	Guide Sleeve	1	57#	Pin2x6	2	79#	Bolt M4x14	1
14#	Washer	1	36#	Bolt M3*8	1	58#	Spacer	1	80#	Rubber Handle	1
15#	O-ring24.2*3.1	1	37#	O-ring 7x1.5	2	59#	Drive Guide	1	81#	O ring 36.3*3.55	1
16#	Main Piston Unit	1	38#	Valve Cover	1	60#	Nose Cover	1	82#	End cover	1
17#	O-ring 47.1x3	1	39#	Screw Spring	1	61#	carbon strip	1	83#	Air Inlet Plug	1

18#	Collar	1	40#	O-ring 1.9x1.1	1	62#	Ribbon Spring	1	84#	Protective sleeve	1
19#	Cylinder	1	41#	Switch Lever	1	63#	Spring Roller	1	85#	pin 4*11	1
20#	Bumper	1	42#	O-ring 11.2x1.6	1	64#	Pin3x20	1	86#	spring washer 4	1
21#	Guide Washer	1	43#	Trigger Valve Seat	1	65#	Movable magazine	1	87#	adj.bolt	1
22#	Gun Body	1	44#	O-ring 11.7x2.4	1	66#	Pusher	1			

9. 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.

10. DECLARATION OF CONFORMITY



BUILDER SAS

32, rue Aristide Bergès - ZI 31270 Cugnaux – France declare that the machine

Designation: 2-IN-1 Industrial Nailer/Stapler

FCP2IN1

Serial number: 20200618459-20200618508

Is in conformity with the European Directives:
Machine Directive 2006/42/EC

This product is also in conformity with the following standards:

EN 792-13:2000/A1:2008

A handwritten signature in black ink, appearing to be 'Philippe Marie', written over a circular stamp or seal.

Philippe MARIE / PDG

Cug

naux, le 13/07/202

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.
- 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.



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.