

# **FEIDER** MACHINES

ORIGINAL INSTRUCTIONS

## **710 W PERCUSSION DRILL FP710**









READ THE INSTRUCTION MANUAL BEFORE USING THE TOOL

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



## SYMBOLS

In this manual and/or on the machine the following symbols are used:

	WARNING-To reduce the risk of injury, user must read instructions carefully
	In accordance with essential applicable safety standards of European directives
	Class II machine – Double insulation – You don't need any earthed plug.
	Wear eye protection.
	Denotes risk of personal injury, loss of life or damage to the tool in case of non-observance of the instructions in this manual
	Wear ear protection.

## 1. APPLICATION

The power tool is intended for driving and drilling through wood, metal, plastics and masonry. It is not designed for professional use.

## 2.GENERAL POWER TOOL 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 or battery-operated (cordless) power tool.

### 2.1 WORK AREA SAFETY

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

## 2.2 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 edge 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.*

## 2.3 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 personal protective 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 energising 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 jewelry. Keep your hair, clothing and gloves away from moving parts.** *Loose clothes, jewelry 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.*

## 2.4 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 and/or the battery pack from the power tool 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 tool's 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 those 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.*

## **2.5 SERVICE**

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

**b) For tools for use in combination with an isolating transformer.** *Warning never to use the tool without the transformer delivered with the tool or of the type as specified in these instructions*

### **Drill safety warnings**

#### **1) Safety instructions for all operations**

**a) Hold power tool by insulated gripping surfaces, 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.*

#### **2) Safety instructions when using long drill bits**

**a) Never operate at higher speed than the maximum speed rating of the drill bit.** *At higher speeds, the bit is likely to bend if allowed to rotate freely without contacting the workpiece, resulting in personal injury.*

**b) Always start drilling at low speed and with the bit tip in contact with the workpiece.** *At higher speeds, the bit is likely to bend if allowed to rotate freely without contacting the workpiece, resulting in personal injury.*

**c) Apply pressure only in direct line with the bit and do not apply excessive pressure.** *Bits can bend causing breakage or loss of control, resulting in personal injury.*

**d) Wear ear protectors when impact drilling.** *Exposure to noise can cause hearing loss.*

**e) Use auxiliary handle(s), if supplied with the tool.** *Loss of control can cause personal injury.*

## **3、 SPECIFIC SAFETY INSTRUCTIONS**

Always use the auxiliary handle for maximum control.

Secure the material being drilled. Never hold it in your hand or across legs. Unstable support can cause loose of control and injury.

Do not touch the bit after operation. It could be very hot.

Keep your hand away from under the work piece.

## 4、 DESCRIPTION



1. Chuck
2. Depth gauge
3. ON / OFF switch
4. Lock – on button
5. Speed control dial
6. Forward / reverse lever
7. Auxiliary handle
8. Impact/Drill switch

## 5、 PACKAGE CONTENT LIST



**WARNING** Packaging materials are not toys! Children must not play with plastic bags! There is a danger of suffocation!

- 1 impact drill
- 1 instruction manual
- 1 auxiliary handle
- 1 depth stop



**If any parts are missing or damaged, please contact your dealer.**

- Remove all packaging materials.
- Remove remaining packaging and packing inserts (if included).
- Check that the package contents are complete.
- Check the appliance, the power cord, the power plug and all accessories for transportation damage.
- Keep the packaging materials as far as possible until the end of the warranty period. Then take it to your local waste disposal system.

## 6、 ASSEMBLY



**Disconnect the power plug before carrying out any adjustments or maintenance.**

### 6.1 Inserting bit or drill

- Open the chuck (1).
- Insert the drill or bit in the chuck.
- Tighten the chuck firmly.

Check if the bit or drill is in the centre of the chuck.

### 6.2 Auxiliary handle

The auxiliary handle (7) will provide additional control and support for the drill.

- Slide the holder of the side grip over the drill chuck on the machine.
- Turn the side grip in the required position and tighten it firmly.

### 6.3 Depth gauge

The depth gauge is used to limited the maximum drilling depth.

- Loosen the Auxiliary handle (7).
- Insert the Depth gauge (2) in the hole in the holder of the side grip.
- Adjust the Depth gauge(2) to the required drilling depth.
- Tighten the side grip firmly.

## 7、 OPERATION

### 7.1 Selecting the operation mode

Select the required operating mode before use (drilling or hammer drilling).

For drilling in wood, metal, plastics and soft stone, push the **Impact/Drill switch (8)** to the drill position.

For drilling in concrete or hard stone, push the **Impact/Drill switch (8)** to the impact position.

### 7.2 Forward / reverse lever

- To select forward position (right rotation), push the forward / reverse lever to the right (R).
- To select the reverse position (left rotation), push the forward / reverse lever to the left (L).

### 7.3 Variable speed

This tool has a speed control dial (5) that delivers higher speed by turning to the “+” position and delivers lower speed by turning to the “-” position.

### 7.4 Switching ON and OFF

Connect the tool to the power supply.

To start the machine, you squeeze the **ON / OFF switch (3)**.

To stop the machine, you release the ON / OFF switch.

### 7.5 Continuous mode

To switch the machine to continuous mode, keep the on/off switch pressed and at the same time press the lock-on button (4). Subsequently release the on/off switch.

To switch off continuous mode, press the on/off switch again.



**Never put down the machine when using the continuous mode!**

## 8、 CLEANING AND MAINTENANCE



**Disconnect the power plug before carrying out any adjustments or maintenance**

### 8.1 Cleaning

- Keep the ventilation slots of the machine clean to prevent overheating of the engine.
- Regularly clean the machine housing with a soft cloth, preferably after each use.
- Keep the ventilation slots free from dust and dirt.
- If the dirt does not come off use a soft cloth moistened with soapy water.
- Never use solvents such as petrol, alcohol, ammonia water, etc. These solvents may damage the plastic parts.

### 8.2 Replacing carbon brushes

- Remove and check the carbon brushes regularly.
- Replace when they have worn down to the limit mark.
- Keep the carbon brushes clean and free to slip in the holders.
- If the carbon brushes need to be replaced, have this done by a qualified repair person  
(always replace the two brushes at the same time)

### Lubrication

All the bearings in this tool are lubricated with a sufficient amount of high grade lubricant for the life of the unit under normal operating conditions, therefore no further lubrication is required.

Suspected malfunctions are often due to causes that the users can fix themselves. Therefore check the product using this section. In most cases the problem can be solved quickly.

### 8.3 Maintenance

Our machines have been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper machine care and regular cleaning.

If the supply cable is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

## 9、 TECHNICAL DATA

Voltage / Frequency	230-240V ~ 50Hz
Input power	710W
Chuck capacity	Max. Ø 13mm
No load speed	0-3000/min

## 10、 NOISE AND VIBRATION

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.



**The vibration emission during actual use of power tool can differ from the declared total value depending on the ways in which the tool is used.**



The safety measures to protect the operator are identified based on an estimation of exposure in the actual conditions of use.

Noise emission values measured according to relevant standard.

#### Copper winding

No load

- Sound pressure level  $L_{pa} = 81,9 \text{ dB(A)}$   $K = 5 \text{ dB(A)}$
- Sound power level  $L_{wa} = 93,4 \text{ dB(A)}$   $K = 5 \text{ dB(A)}$

Impact drilling into concrete:

- Sound pressure level =  $92,9 \text{ dB(A)}$   $K = 5 \text{ dB(A)}$
- Sound power level =  $103,9 \text{ dB(A)}$   $K = 5 \text{ dB(A)}$

#### Aluminium winding

No load:

- Sound pressure level  $L_{pa} = 82 \text{ dB(A)}$   $K = 5 \text{ dB(A)}$
- Sound power level  $L_{wa} = 93 \text{ dB(A)}$   $K = 5 \text{ dB(A)}$

Impact drilling into concrete:

- Sound pressure level =  $92,4 \text{ dB(A)}$   $K = 5 \text{ dB(A)}$
- Sound power level =  $103,4 \text{ dB(A)}$   $K = 5 \text{ dB(A)}$

**ATTENTION! Wear hearing protection when sound pressure is over 85 dB(A).**

Vibration values measured according to the relevant standard

#### Copper winding

No load:

- Main handle:  $8,060 \text{ m/s}^2$   $K = 1.5 \text{ m/s}^2$
- Auxiliary handle:  $7,026 \text{ m/s}^2$   $K = 1.5 \text{ m/s}^2$

Impact drilling into concrete:

- Main handle:  $6,350 \text{ m/s}^2$   $K = 1.5 \text{ m/s}^2$
- Auxiliary handle:  $5,295 \text{ m/s}^2$   $K = 1.5 \text{ m/s}^2$

#### Aluminium winding

- Main handle:  $8,540 \text{ m/s}^2$   $K = 1.5 \text{ m/s}^2$
- Auxiliary handle:  $7,495 \text{ m/s}^2$   $K = 1.5 \text{ m/s}^2$

Impact drilling into concrete:

- Main handle:  $6,085 \text{ m/s}^2$   $K = 1.5 \text{ m/s}^2$
- Auxiliary handle:  $5,032 \text{ m/s}^2$   $K = 1.5 \text{ m/s}^2$

## 11 、 STORAGE

- Thoroughly clean the whole machine and its accessories.
- Store it out of the reach of children, in a stable and secure position, in a cool and dry place, avoid too high and too low temperatures.
- Protect it from exposure to direct sunlight. Keep it in the dark, if possible.
- Don't keep it in plastic bags to avoid humidity build-up.

## 12、 ENVIRONMENT



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.



## 13、 CE DECLARATION

BUILDER SAS

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

Declare that the following tool:

PERCUSSION DRILL

FP710

Serial number: 20211002224-20211002823

Is in conformity with the Directive « machine » 2006/42/CE

Also in conformity with the following Directives:

Directive EMC 2014/30/UE

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

Also in conformity with the following standards

EN 62841-1: 2015

EN 60745-2-1:2018

EN55014-1:2017

EN 55014-2:2015

EN 61000-3-2:2014

EN 61000-3-3:2013

Responsible of the technical file: M. Olivier Patriarca

Cugnaux, 20/07/2021



Philippe MARIE / PDG



## 14. 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).



# 15. 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.**



# 16. 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.