



PORTABLE POWER TOOL SAW  
ORIGINAL INSTRUCTION MANUAL  
**FRX710**



**WARNING:** Read the instruction manual thoroughly before using  
this tool and keep the manual for future use.

BUILDER SAS

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

Made in P.R.C. 2021



## PRODUCT SPECIFICATIONS

Tension	230-240 V~, 50 Hz
Power	710 W
Rated no load speed	3500/min
Blade diameter	Ø115 mm
Depth of cut @ 90°:	1 11/16" (42.9 mm)
Depth of cut @ 45°:	1 1/8" (28.5 mm)
Sound power level	L <sub>WA</sub> :106dB(A) K <sub>WA</sub> :3 dB(A)
Sound pressure level	L <sub>pA</sub> :95 dB(A) K <sub>pA</sub> :3 dB(A)
Vibration	a <sub>hW</sub> =4,23 m/s <sup>2</sup> K = 1,5 m/s <sup>2</sup>

### Information:

- That the declared vibration total value(s) and the declared noise emission value(s) have been measured in accordance with a standard test method and may be used for comparing one tool with another;
- That the declared vibration total value(s) and the declared noise emission value(s) may also be used in a preliminary assessment of exposure.

### Warning

- That the vibration and noise emissions during actual use of the power tool can differ from the declared values depending on the ways in which the tool is used especially what kind of workpiece is processed; 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).

# SAFETY WARNINGS

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## General power tool safety warnings

**WARNING** 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.*

**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.*

### 1) Work area safety

- a) **Keep work area clean and well lit.** *Cluttered or 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 personal protective equipment. Always wear eye protection.** *Protective equipment such as a 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 jewellery. Keep your hair and clothing 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 and/or remove the battery pack, if detachable, 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 and accessories. 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.*

### **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 saws**

### **Cutting procedures**

a) **DANGER: Keep hands away from cutting area and the blade. Keep your second hand on auxiliary handle, or motor housing.** *If both hands are holding the saw, they cannot be cut by the blade.*

b) **Do not reach underneath the workpiece.** *The guard cannot protect you from the blade below the workpiece.*

c) **Adjust the cutting depth to the thickness of the workpiece.** *Less than a full tooth of the blade teeth should be visible below the workpiece.*

d) **Never hold the workpiece in your hands or across your leg while cutting. Secure the workpiece to a stable platform.** *It is important to support the work properly to minimise body exposure, blade binding, or loss of control.*

e) **Hold the power tool by insulated gripping surfaces, when performing an operation where the cutting tool may contact hidden wiring or its own cord.** *Contact with a "live" wire will also make exposed metal parts of the power tool "live" and could give the operator an electric shock.*

f) **When ripping, always use a rip fence or straight edge guide.** *This improves the accuracy of cut and reduces the chance of blade binding.*

g) **Always use blades with correct size and shape (diamond versus round) of arbour holes.** *Blades that do not match the mounting hardware of the saw will run off-centre, causing loss of control.*

h) **Never use damaged or incorrect blade washers or bolt.** *The blade washers and bolt were specially designed for your saw, for optimum performance and safety of operation.*

## **Further safety instructions for all saws**

### **Kickback causes and related warnings**

- kickback is a sudden reaction to a pinched, jammed or misaligned saw blade, causing an uncontrolled saw to lift up and out of the workpiece toward the operator;

- when the blade is pinched or jammed tightly by the kerf closing down, the blade stalls and the motor reaction drives the unit rapidly back toward the operator;
- If the blade becomes twisted or misaligned in the cut, the teeth at the back edge of the blade can dig into the top surface of the wood causing the blade to climb out of the kerf and jump back toward the operator.

Kickback is the result of saw misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below.

- Maintain a firm grip with both hands on the saw and position your arms to resist kickback forces. Position your body to either side of the blade, but not in line with the blade.** *Kickback could cause the saw to jump backwards, but kickback forces can be controlled by the operator, if proper precautions are taken.*
- When blade is binding, or when interrupting a cut for any reason, release the trigger and hold the saw motionless in the material until the blade comes to a complete stop. Never attempt to remove the saw from the work or pull the saw backward while the blade is in motion or kickback may occur.** *Investigate and take corrective actions to eliminate the cause of blade binding.*
- When restarting a saw in the workpiece, centre the saw blade in the kerf so that the saw teeth are not engaged into the material.** *If a saw blade binds, it may walk up or kickback from the workpiece as the saw is restarted.*
- Support large panels to minimise the risk of blade pinching and kickback.** *Large panels tend to sag under their own weight. Supports must be placed under the panel on both sides, near the line of cut and near the edge of the panel.*
- Do not use dull or damaged blades.** *Unsharpened or improperly set blades produce narrow kerf causing excessive friction, blade binding and kickback.*
- Blade depth and bevel adjusting locking levers must be tight and secure before making the cut.** *If blade adjustment shifts while cutting, it may cause binding and kickback.*
- Use extra caution when sawing into existing walls or other blind areas.** *The protruding blade may cut objects that can cause kickback.*

## **Safety instructions for saws with pendulum guard and saws with tow guard**

### **Lower guard function**

- Check the lower guard for proper closing before each use. Do not operate the saw if the lower guard does not move freely and close instantly. Never clamp or tie the lower guard into the open position.** *If the saw is accidentally dropped, the lower guard may be bent. Raise the lower guard with the retracting handle and make sure it moves freely and does not touch the blade or any other part, in all angles and depths of cut.*
- Check the operation of the lower guard spring. If the guard and the spring are not operating properly, they must be serviced before use.** *Lower guard may operate sluggishly due to damaged parts, gummy deposits, or a build-up of debris.*

c) **The lower guard may be retracted manually only for special cuts such as "plunge cuts" and "compound cuts". Raise the lower guard by the retracting handle and as soon as the blade enters the material, the lower guard must be released. For all other sawing, the lower guard should operate automatically.**

d) **Always observe that the lower guard is covering the blade before placing the saw down on bench or floor. An unprotected, coasting blade will cause the saw to walk backwards, cutting whatever is in its path. Be aware of the time it takes for the blade to stop after switch is released.**

- Never use the saw when transported to another location. The blade guard can be opened and can cause serious injury.
- If the switch does not turn on or off the saw properly, stop using it immediately and have the saw switch repaired.
- Always allow the saw to reach full speed before starting the cut.
- Never use the side of the blade to cut. When making horizontal cuts, make sure that the weight of the tool does not force the side of the blade to be cut. This will reduce the risk of rebound.
- Make sure there are no nails or foreign objects in the area of the workpiece.
- Never put the workpiece on hard surfaces such as concrete, stone, etc. A protruding blade can blow the tool.
- **DANGER:** To prevent accidental starting, always remove the plug from the power source before making any adjustments and before installing or removing a saw blade.
- After changing a blade or making adjustments, make sure that the blade clamping screw is tight because a loose blade can be thrown violently.
- Never touch the blade during or immediately after use. After use, the blade is too hot to be touched with bare hands.
- Use only blade diameters in accordance with the markings. Installing an incorrect blade can result in injury and poor cutting.
- Use the correct saw blade for the material to be cut;
- Use only saw blades that are marked with a speed equal or higher than the speed marked on the tool.
- Check every time the function of all blades guards operations. To do this, check to see if the protective cover covers the blade properly and can be opened without any problem by using the lever.
- Work only wood, PVC, aluminum, ceramic tile and cement slabs by using the appropriate disc.
- Do not use abrasive wheels.
- Avoid overheating the blade tips.
- Always use a dust collection system.
- Wear a dust mask.
- Use only saw blades recommended by the manufacturer, which conform to EN 847-1.

**WEAR A DUST MASK THAT IS DESIGNED TO BE USED WHEN OPERATING A POWER TOOL IN A DUSTY ENVIRONMENT.**

**WARNING:** Dust that is created by power sanding, sawing, grinding, drilling, and other construction activities may contain chemicals that are known to cause cancer, birth defects, or other genetic abnormalities. These chemicals include:

- Lead from lead-based paint
- Crystalline silica from bricks, cement, and other masonry products
- Arsenic and chromium from chemically treated lumber

The level of risk from exposure to these chemicals varies, according to how often this type of work is performed. In order to reduce exposure to these chemicals, work in a well-ventilated area, and use approved safety equipment, such as a dust mask that is specifically designed to filter out microscopic particles.

**Extension cord safety**

**▲** **WARNING:** Keep the extension cord clear of the working area. Position the cord so it will not get caught on the workpiece, tools or any other obstructions while you are working with the power tool.

Make sure any extension cord used with this tool is in good condition. When using an extension cord, be sure to use one of heavy enough gauge to carry the current the tool will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating.

The table at right shows the correct size to use according to cord length and nameplate ampere rating.

Be sure your extension cord is properly wired and in good condition. Always replace a damaged extension cord or have it repaired by a qualified electrician before using it. Protect your extension cord from sharp objects, excessive heat and damp or wet areas.

**WARNING:** Repair or replace damaged or worn extension cords immediately.



## Symbols



Read instruction manual



Wear ocular protection



Wear hearing protection



Wear respiratory protection



Warning symbol



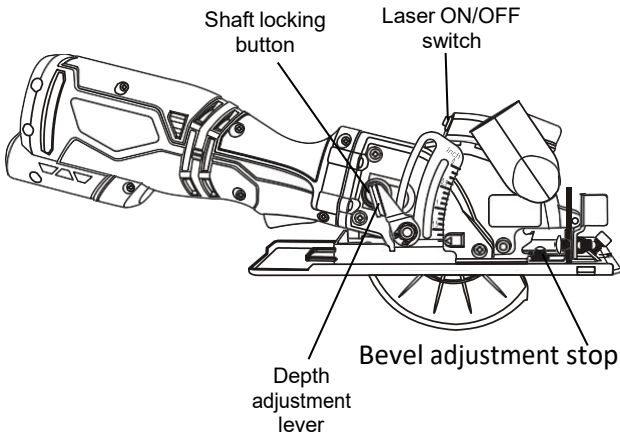
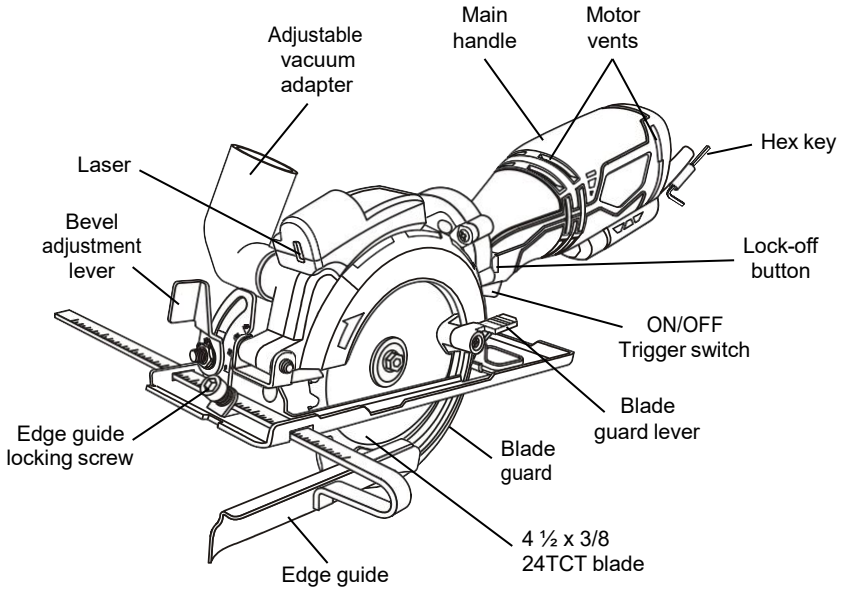
LASER RADIATION - DO NOT STARE INTO BEAM - CLASS 2 LASER PRODUCT

## Intended use

This mini circular saw is a versatile saw that allows you to cut different types of materials such as wood products such as lumber, hardwood, plywood, composition board and woodwork, PVC materials, plates of cement, ceramic tile. Use the proper saw for the work that needs to be done. Do not use this tool to cut other materials and do not perform other operation with this tool. Misuse contrary to the instructions in this manual may create a risk of accidents and injuries.

This tool is designed for domestic indoor use. It is not intended for professional and commercial use.

# KNOW YOUR CIRCULAR SAW



Tool is delivered with 3 blades (diamond, PVC/alu and ceramic tile/cement plate), 3 rail guides

# ASSEMBLY AND OPERATING

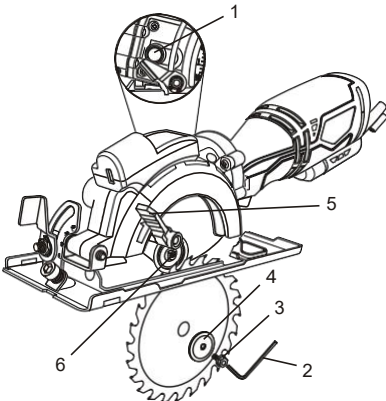
**NOTE:** For illustrative purposes, some drawings show the vacuum adaptor installed on the saw. The vacuum adaptor does NOT have to be installed if a vacuum is not being used.

## REMOVING AND INSTALLING A BLADE

**⚠ WARNING:** Always remove the plug from the power source before removing the blade or adjusting the saw in any way.

**⚠ WARNING:** Use caution when handling the blade. It is sharp and can easily cut your hand. Use gloves when handling the blade.

1. Press inward on the shaft locking button (1) (Fig. 1).
2. Insert the 5mm hex key (2) into the blade screw (3). While pressing inward on the shaft locking button, rotate the hex key clockwise until the shaft locking button engages with the blade shaft. Continue turning the hex key clockwise and remove the blade screw and the outer blade flange (4).
3. Rotate the blade guard lever (5) counter clockwise as far as it will go.
4. If there is already a blade installed on the saw, lift the blade off the spindle (6) and slide it out through the slot in the sole plate.



**Fig. 1**

5. To reinstall a blade, reverse the above procedure.

### NOTES:

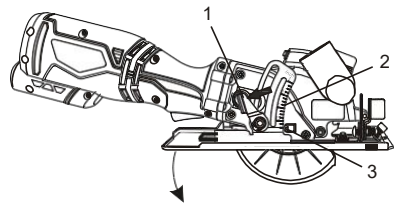
- a) Make sure the blade teeth are pointing forward at the bottom of the blade.
- b) When re-installing the outer flange nut make sure the flats of the flange nut fit over the flats on the spindle.
- c) Turn the blade screw counter clockwise to thread it into the spindle. Make sure the screw is not cross threaded.

6. When the new blade, outer flange and blade screw are in place, press the spindle locking button and fully tighten the blade screw.
7. When the blade screw is fully tightened, carefully rotate the blade to ensure it does not wobble. If it wobbles, remove and reinstall the blade making sure it is installed correctly.

## SETTING THE CUTTING DEPTH

The cutting depth of the blade should be set to suit the thickness of the material being cut. The cutting depth should be approximately 1/8" (3 mm) greater than the thickness of the material being cut.

1. Rotate the cutting depth locking lever (1) counter clockwise (Fig. 2).
2. Lower the sole plate to the desired depth.  
**NOTE:** Align the desired depth on the depth control scale (2) with the alignment mark (3) on the saw housing.



**Fig. 2**

# ASSEMBLY AND OPERATING

## SETTING THE BEVEL CUTTING ANGLE

The sole plate can be set to perform bevel cuts up to 45°.

1. Rotate the bevel angle locking lever (1) counter clockwise (Fig. 3).
2. Rotate the sole plate (2) to the desired angle.

### NOTES:

- a) Align the desired angle on the bevel scale (3) with the alignment mark (4) on the sole plate housing.
- b) Always make a test cut on a scrap workpiece and check to make sure the bevel cut is correct.

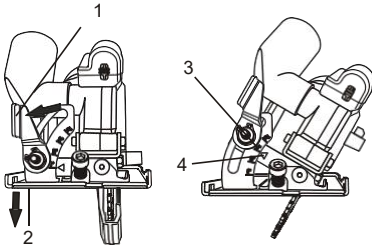


Fig. 3

## SETTING THE "ZERO" BEVEL ANGLE FOR ACCURATE 90° CUTTING

Before making any cuts, it is important to make a test cut on a scrap workpiece and adjust the bevel angle stop if necessary to ensure that the "zero" bevel adjustment provides accurate 90° cuts.

1. Loosen the bevel locking lever (1) and rotate the sole plate toward the 0° mark as far as it will go and tighten the bevel angle locking lever (Fig 4).
2. Make a test cut on a scrap workpiece and check the cut with a carpenter's square to verify that the saw is cutting at 90°.
3. If the test cut is not at 90°, turn the zero adjustment lock nut (2) counter clockwise approximately ¼ turn using a 7mm wrench.

4. Use a #2 ⊕ screwdriver to turn the zero bevel adjusting screw (3) in or out until the saw is cutting at 90° when the sole plate is contacting the adjusting screw.

5. Tighten the lock nut while using the screwdriver to prevent the adjusting screw from turning.

**NOTE:** When the final adjustment is made and the locknut tightened, recheck the cutting angle on a scrap workpiece.

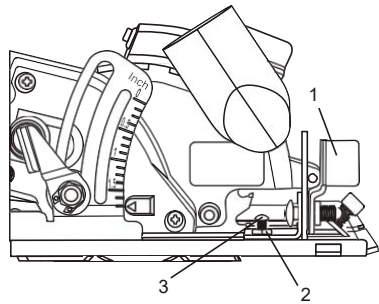


Fig. 4

## INSTALLING THE EDGE GUIDE

The edge guide can be used to facilitate accurate cutting when ripping pieces up to 5" wide.

1. Loosen the edge guide locking screw (1) counter clockwise approximately 2 turns using the 5mm hex key (Fig. 5).
2. Slide the edge guide mounting rod (2) into the mounting slots (3) in the sole plate.
3. Align the desired cutting width on the scale (4) with the 0° cutting mark (5) in the sole plate.
4. Tighten the edge guide locking screw to lock the edge guide into position.  
**NOTE:** Do not over tighten as you may strip the threads.
5. Make a test cut on a scrap workpiece to verify the edge guide setting. Adjust as necessary.

# ASSEMBLY AND OPERATING

## INSTALLING THE EDGE GUIDE

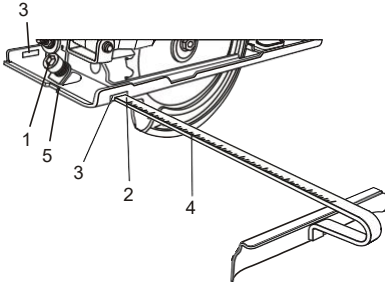


Fig. 5

## INSTALLING THE VACUUM ADAPTER

A workshop vacuum can be attached to the circular saw to collect much of the dust created from cutting.

1. Place the small end of the vacuum adaptor (1) over the vacuum port (2) on the blade housing (Fig. 6).

**NOTE:** Rotate the adaptor slightly while pushing it onto the vacuum port.

2. Attach a standard workshop vacuum to the large end of the adaptor.

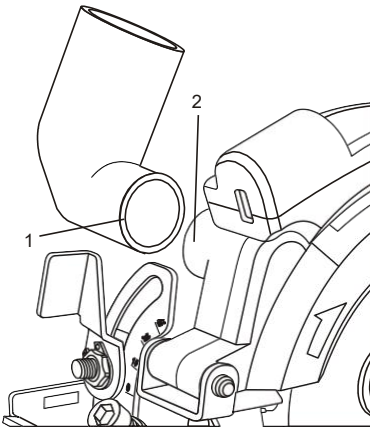


Fig. 6

## LOCK-OFF BUTTON AND TRIGGER SWITCH

The lock-off button (1) is a safety device designed to reduce the possibility of accidentally starting the saw (Fig. 7). This button must be depressed before the trigger switch (2) can be depressed.

1. To turn the saw ON, depress the lock-off button with your thumb.
2. While holding the lock-off button in the depressed position, squeeze the trigger switch to start the saw.
3. Once the saw starts, release the lock-off button. The saw will remain running until the trigger switch is released.
4. To turn the saw OFF, release the trigger switch.

**NOTE:** The lock-off button must be depressed again to restart the saw.

# ASSEMBLY AND OPERATING

## LOCK-OFF BUTTON AND TRIGGER SWITCH

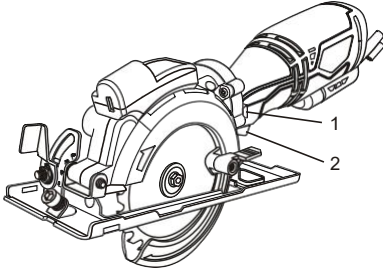


Fig. 7

## LASER ON/OFF SWITCH

This saw is equipped with a laser guidance system for more precise cutting.

**▲ DANGER:** Never allow the laser beam to shine into a person's eyes. Serious eye damage could result.

To turn the laser ON, press the left side of the laser switch (1) (Fig. 8). To turn the laser OFF, press the right side of the laser switch.

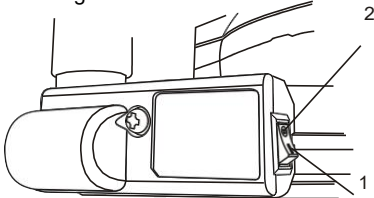


Fig. 8

## MATERIALS YOU CAN CUT

The circular saw is a versatile saw that allows you to cut many different types of materials.

Some of the materials include:

- Wood products such as lumber, hardwood, plywood, composition board and paneling
- PVC materials, cement plates, ceramic tiles.

**NOTE:** There are several different types of blades available. Generally, blades with carbide-tipped teeth cut better and stay sharp longer. Tooth count and configuration are also important. High tooth counts cut slower and are best suited for making smooth cuts on thinner materials such as paneling. Use the correct

## GENERAL CUTTING

**NOTE:** Always make a test cut on a scrap workpiece to verify that all settings are correct.

1. Make any adjustments to the saw before plugging it into the power source. Adjustments include cutting depth, bevel cutting angle and edge guide (if installed).
2. Clearly mark the workpiece to locate the position of the cut.
3. Hold a smaller workpiece with a vise. Clamp a larger workpiece to a work bench or table.

**▲ DANGER:** Any workpiece that is not adequately clamped in place or properly supported for cutting may come loose or jamb the blade, causing serious injury. Never hold the workpiece in your hand.

4. Make sure there are no nails, screws, clamps or foreign materials in the path of the saw blade.
5. Turn the laser ON.
6. Place the front edge of the sole plate on the workpiece.
7. While firmly gripping the saw, and with the blade NOT in contact with the surface to be cut, start the saw by depressing the lock-off button and then the trigger switch.
8. Once the saw has reached full speed, gradually bring the moving blade into contact blade for your application.

with the workpiece at the appropriate location.

**NOTE:** To align the saw blade with the cutting mark, use the guide marks on the front of the sole plate (Fig. 9). Use the 0° cutting mark (1) and the laser line (2) for right angle cuts. Use the 45° mark (3) for 45° bevel cuts.. Always make a test cut on a scrap workpiece before cutting the new material

### **Cutting using with guide rail**

To use the guide rail, place it on the workpiece.

Block it with two clamps.

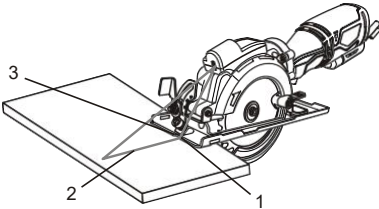
Slide the soleplate of the tool into the guide rail to begin the operation.

# ASSEMBLY AND OPERATING

## GENERAL CUTTING

**▲ WARNING:** Do not force the circular saw. Use only enough force to keep the blade cutting at full speed. Excessive pressure on the blade will cause it to slow down and overheat, resulting in poor cut quality and damage to the motor.

9. Turn laser OFF.



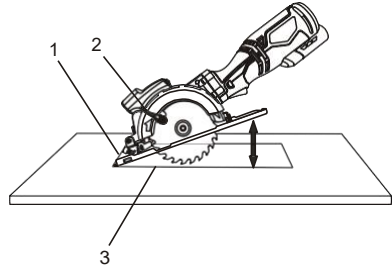
**Fig. 9**

## PLUNGE CUTTING

**▲ WARNING:** To avoid loss of control, damage to the blade or damage to the workpiece, always use extreme caution when making plunge cuts. It is not recommended to plunge cut any material other than wood.

1. To plunge cut inside the edges of a workpiece, clearly mark the cutting line on the workpiece.
2. Set the depth (Fig. 2) and set the bevel angle at 0° (Fig. 3).
3. Set the saw on the workpiece so the front edge of the sole plate (1) is flat on the workpiece (Fig. 10).
4. Open the blade guard by rotating the blade guard lever (2) forward.
5. Align the saw blade with the cutting line (3) using the 0° cutting mark on the sole plate and the laser line.

**NOTE:** Make sure the saw blade is inside the area to be cut out.

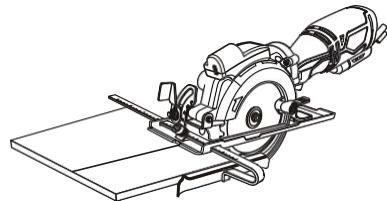


**Fig. 10**

6. Start the saw and slowly lower the blade onto the workpiece while holding the blade guard lever forward to allow the blade to cut into the workpiece.
7. Continue lowering the blade into the workpiece until the full cutting depth has been achieved. Continue sawing and complete the cut as required.

## CUTTING USING THE EDGE GUIDE

Whenever possible, install the edge guide on the left hand side of the sole plate (Fig. 11). This will place the majority of the tool weight on the larger portion of the workpiece, making it easier to control the tool. If necessary, the edge guide may be installed from the opposite side, but the edge guide mounting rod **MUST** engage both of the edge guide slots in the sole plate.



**Fig. 11**



# ASSEMBLY AND OPERATING

## CHANGING THE LASER BATTERIES

The batteries that operate the laser will have to be replaced after considerable use of the laser.

1. Turn the laser switch OFF.
2. Remove the laser cover screw (1) using a #2 (+) screwdriver (Fig. 12).

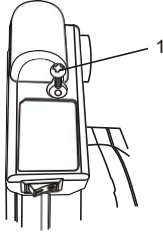


Fig. 12

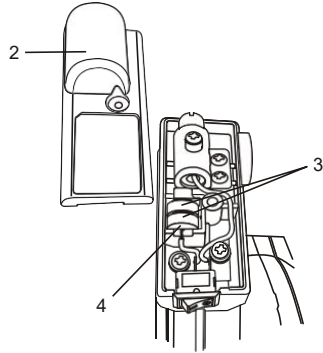


Fig. 13

3. Lift the laser cover (2) off the top of the laser assembly Fig. 13).
4. Remove the two old batteries (3).

**⚠ DANGER:** Never allow the laser beam to shine into a person's eyes. Serious eye damage could result. Make sure the laser switch is OFF and the laser is NOT pointing toward you while replacing the laser batteries and when checking the laser function.

5. Insert two new batteries.

### NOTES:

- a) Use two 1.5V LR 44 batteries
  - b) Install the batteries with the "+" side (4) of the batteries facing the rear of the tool.
6. Re-install the laser cover and fasten it in place with the laser cover screw.

# MAINTENANCE

## GENERAL

**▲ WARNING: When servicing, use only identical replacement parts. The use of any other part may create a hazard or cause product damage.**

Remove the blade before cleaning and maintenance.

DO NOT use solvents when cleaning plastic parts. Plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use a clean cloth to remove dirt, dust, oil, grease on the tool body and guarding system

**▲ WARNING: Do not allow brake fluids, gasoline, petroleum-based products, penetrating oils, etc. to come into contact with plastic parts. They contain chemicals that can damage, weaken or destroy plastic.**

DO NOT abuse power tools. Abusive practices can damage the tool and the workpiece.

**▲ WARNING: DO NOT attempt to modify tools or create accessories. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious injury. It will also void the warranty.**

It has been found that electric tools are subjected to accelerated wear and possible premature failure when they are used on fiberglass boats and sports cars, wallboard, spackling compounds or plaster. The chips and grindings from these materials are highly abrasive to electric tool parts such as bearings, brushes, commutators, etc. Consequently, it is not recommended that this tool be used for extended work on any fiberglass material, wallboard, spackling compounds or plaster. During any use on these materials it is extremely important that the tool is cleaned frequently by blowing it out with an air jet.

**▲ WARNING: Always wear safety goggles or safety glasses with side shields during all cutting operations. It is critical that you also wear safety goggles or safety glasses with side shields and a dust mask while blowing dust out of the circular saw with an air jet. Failure to take these safety precautions could result in permanent eye or lung damage.**

## LUBRICATION

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

## 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.



**BUILDER SAS**

**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:  
PORTABLE POWER TOOL SAW  
Model: FRX710  
Serial number: 20210700689-20210701688

Is in conformity with the essential requirements and other relevant provisions of the applicable European Directives, based on the application of European harmonized standards. Any unauthorized modification of the apparatus voids this declaration.

European Directives (including, if applicable, their amendments up to the date of signature):

Machinery Directive 2006/42/EC  
EMC Directive 2014/30/EC  
Rohs Directive (EU)2015/863 amending 2011/65/EU

European harmonized standards (including, if applicable, their amendments up to the date of signature):

EN 62841-1:2015+AC: 2015  
EN 62841-2-5:2014  
EN55014-1:2017  
EN55014-2:2015  
EN61000-3-2:2014  
EN61000-3-3:2013

Responsible of the technical file: M. Olivier Patriarca

Cugnaux: 27/05/2021

A handwritten signature in black ink, appearing to read "Philippe MARIE". The signature is stylized and includes a large loop at the beginning.

Philippe MARIE/PDG

# 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).



# 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.**



# 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.