

# FEIDER

## MACHINES

**Cordless Circular Saw**

**Model FSC20V165**

**Instruction Manual**



**CAUTION: READ THIS INSTRUCTION MANUAL BEFORE USE THIS MACHINE**

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



## 1. SAFETY INSTRUCTIONS

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**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.

### 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.

NOTE the term "residual current device (RCD)" may be replaced by the term "ground fault circuit interrupter (GFCI)" or "earth leakage circuit breaker (ELCB)".

### 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 connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energizing 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.

### 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.*

#### 5) Battery tool use and care

- a) **Recharge only with the charger specified by the manufacturer.** *A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.*
- b) **Use power tools only with specifically designated battery packs.** *Use of any other battery packs may create a risk of injury and fire.*
- c) **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** *Shorting the battery terminals together may cause burns or a fire.*
- d) **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** *Liquid ejected from the battery may cause irritation or burns.*

#### 6) 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.*

### SPECIFIC SAFETY RULES



#### **DANGER:**

- a) **Keep hands away from cutting area and 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 piece being cut in your hands or across your leg. Secure the workpiece to a stable platform.** *It is important to support the work properly to minimize body exposure, blade binding, or loss of control.*
- e) **Hold 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 shock the operator.*
- 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 arbor holes.** *Blades that do not match the mounting hardware of the saw will run eccentrically, 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.*

#### **Special safety regulations**

Causes and operator prevention of kickback:

- Kickback is a sudden reaction to a pinched, bound 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 bound 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 in corrects operating procedures or conditions and can be avoided by taking proper precautions as given below.

- a) **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.** Kick back could cause the saw to jump backwards, but kickback forces can be controlled by the operator, if proper precautions are taken.
- b) **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.
- c) **When restarting a saw in the workpiece, center the saw blade in the kerf and check that saw teeth are not engaged into the material.** If saw blade is binding, it may walk up or kickback from the workpiece as the saw is restarted.
- d) **Support large panels to minimize 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.
- e) **Do not use dull or damaged blades.** Unsharpened or improperly set blades produce narrow kerf causing excessive friction, blade binding and kickback.
- f) **Blade depth and bevel adjusting locking levers must be tight and secure before making cut.** If blade adjustment shifts while cutting, it may cause binding and kickback.
- g) **Use extra caution when making a “plunge cut” into existing walls or other blind areas.**  
The protruding blade may cut objects that can cause kickback.

#### **Safety instructions for the saw**

- a) **Check lower guard for proper closing before each use. Do not operate the saw if lower guard does not move freely and close instantly. Never clamp or tie the lower guard into the open position.** If saw is accidentally dropped, 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.
- b) **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) **Lower guard may be retracted manually only for special cuts such as “plunge cuts” and “compound cuts.” Raise lower guard by retracting handle and as soon as 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 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.

#### **Special safety instructions for battery and charger**

If under extreme conditions any electrolyte should escape from the battery, it's essential to avoid contact with skin. If electrolyte does come into contact with your skin, rinse it off with water. In the event of electrolyte contact with your eyes, it's essential to consult a doctor. This charger can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and

knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

- Before the use of the charger and the battery read the instruction manual carefully.
- During the charge process, the current used should correspond to the current of the battery charger.
- Never let moisture, rain or splashed water reaches the charging location.
- The ambient temperature must not exceed 40 °C.
- Batteries which are defective or damaged or can no longer be recharged must be disposed as a hazardous waste. Hand them over at a special collection point. Never harm our environment. Do not throw unusable storage-battery packet away into the domestic waste, into fire or into water.

If the supply cord of the charger is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. Use only storage-battery packet, which have been produced by the original manufacturer.


- Always keep the surface of the charger free from dust and dirt.

Insert the battery packet into the charger. Follow the guidelines provided concerning polarity.

- Always remove battery packet before working on the machine
- When the battery is outside the drill, cover the contacts to avoid short circuits (e.g. from tools)
- Do not throw batteries into water or fire, risk of explosion!
- Protect the battery from impacts, and don't open it.
- Never discharge the battery completely and recharge occasionally if not used for a prolonged period

**WARNING:** Do not recharge non-rechargeable batteries.

#### Symbols

 Conforms to relevant safety standards



To reduce the risk of injury, the user must read and understand this manual before using this product.



Wear ear protectors. Exposure to noise can cause hearing loss.



Wear eye protection.



Wear respiratory protection.



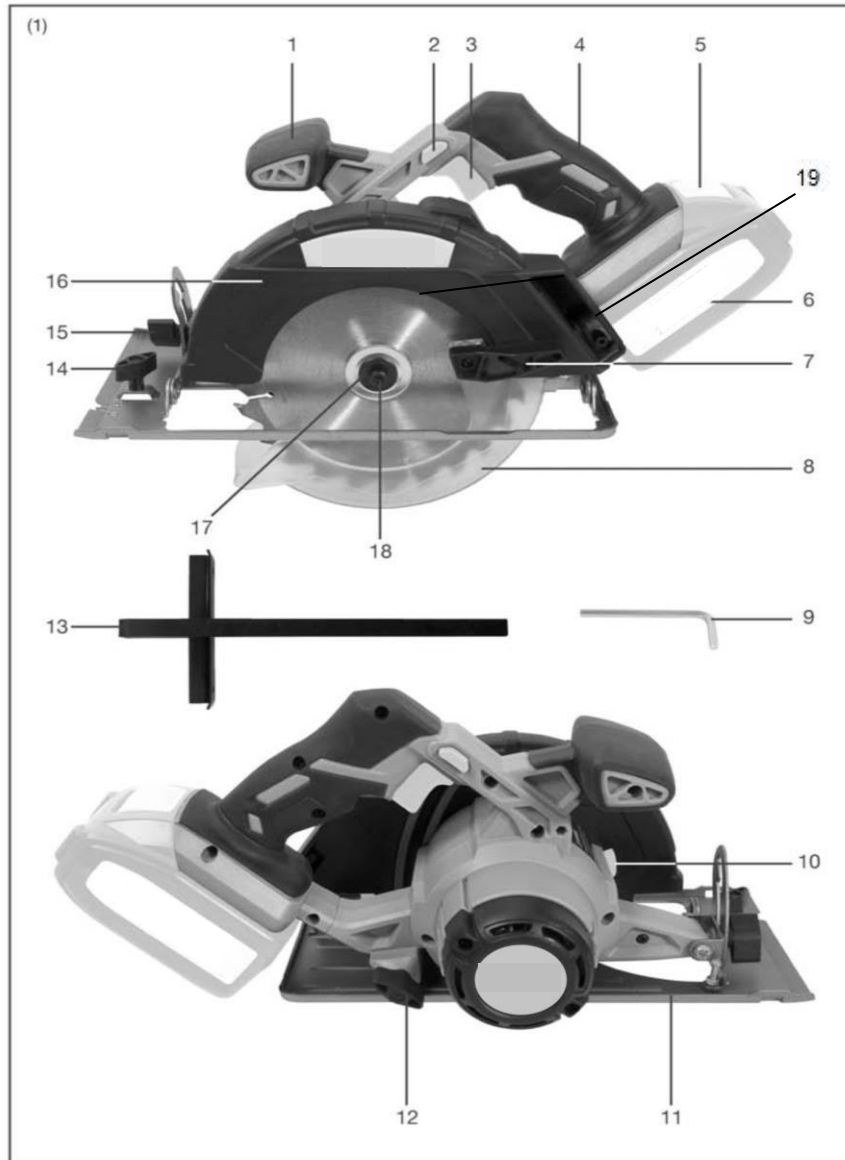
Do not dispose of old appliances with domestic rubbish



Wear protective gloves

## 2. YOUR PRODUCT

### a. Description



- |   |                                       |
|---|---------------------------------------|
| 1. Front handle   | 13. Parallel guide                    |
| 2. Lock-off button  | 14. Parallel guide locking knob       |
| 3. On/Off trigger   | 15. Adjustment knob for miter setting |
| 4. Rear handle  | 16. Upper blade guard                 |
| 5. Battery release catch(delivered without battery and charger) | 17. Blade washer                      |
| 6. Li-on battery(delivered without battery and charger)         | 18. Blade screw                       |
| 7. Lower blade guard handle                                     | 19. Dust connector                    |
| 8. Lower blade guard  |                                       |
| 9. Hex key  |                                       |
| 10. Spindle lock button   |                                       |
| 11. Base plate  |                                       |
| 12. Depth adjustment knob                                       |                                       |

NOTE: the dust connector device is pre-installed in the tool.

**b. Technical specifications**

Tension	20Vd.c.
No load speed (/min)	3800
Dia. of saw blade (mm)	Ø165
Cutting depth	54mm (90°) 40mm (45°)
Sound pressure level	LpA=86 dB(A), K=3dB(A)
Sound power level	LwA=97dB(A), K=3dB(A)
Vibration	Main handle: 5.684m/s <sup>2</sup> , K=1.5 m/s <sup>2</sup> Auxiliary handle: 5.955 m/s <sup>2</sup> , K=1.5 m/s <sup>2</sup>

**Information**

- 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

**c. Intended use**

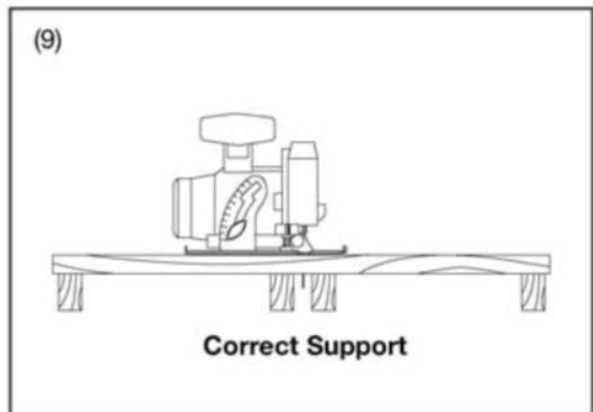
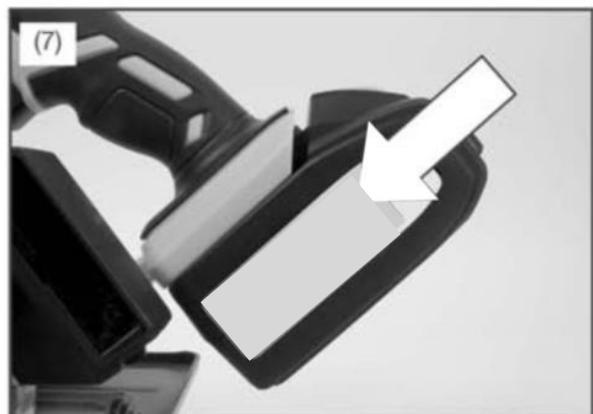
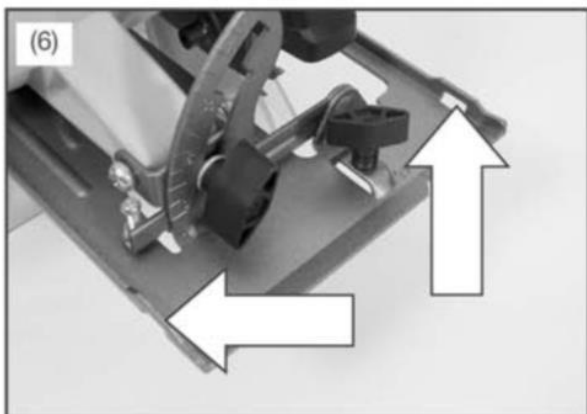
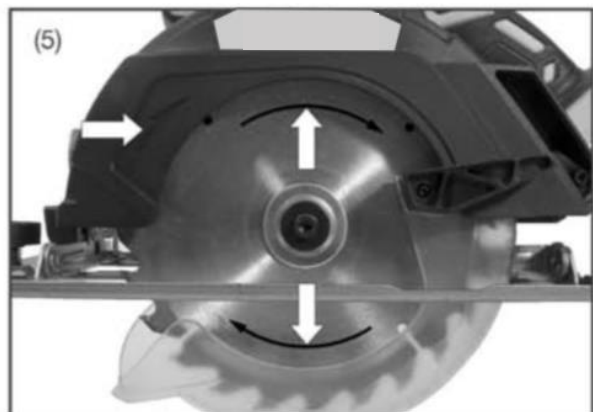
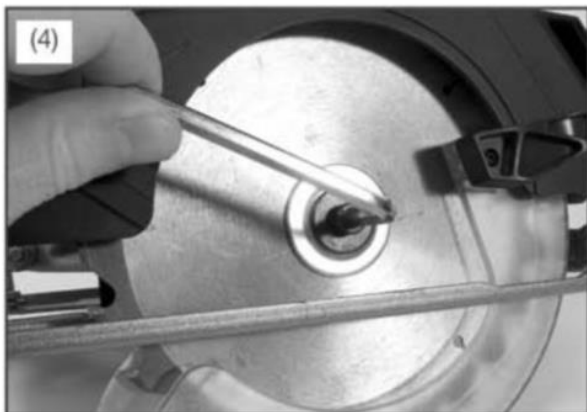
This tool is designed for cutting wood that will fit in machine.

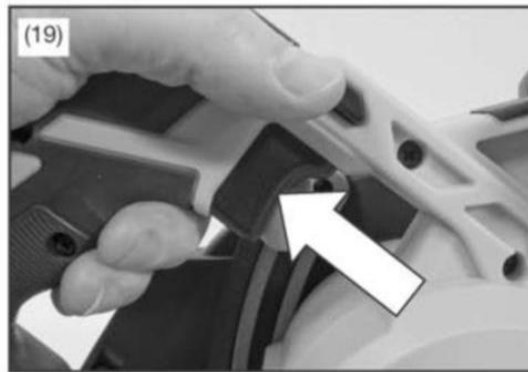
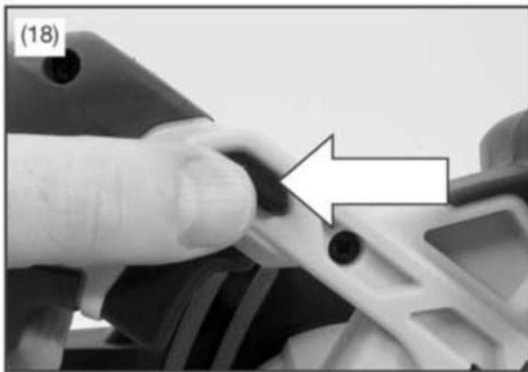
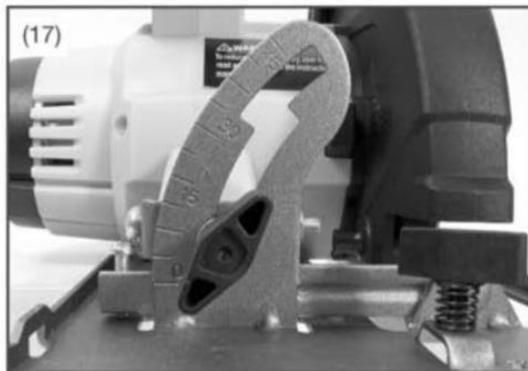
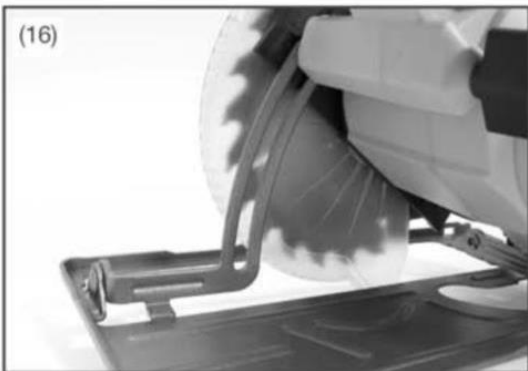
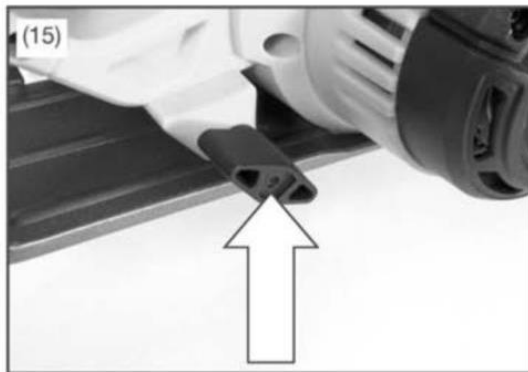
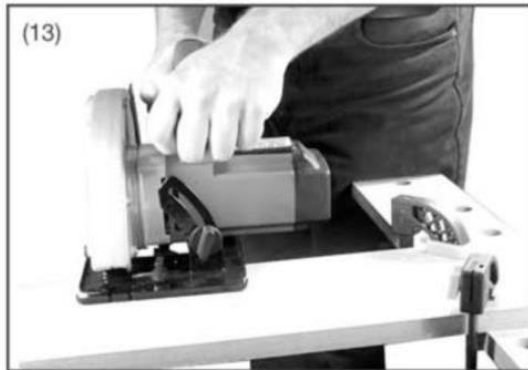
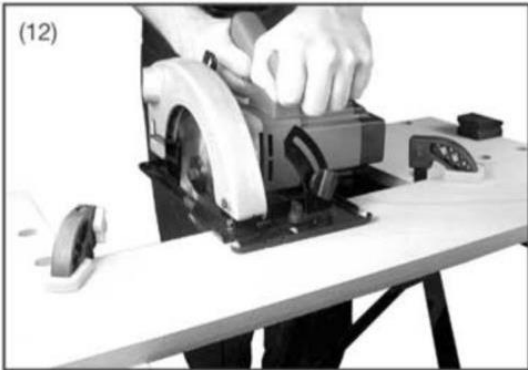
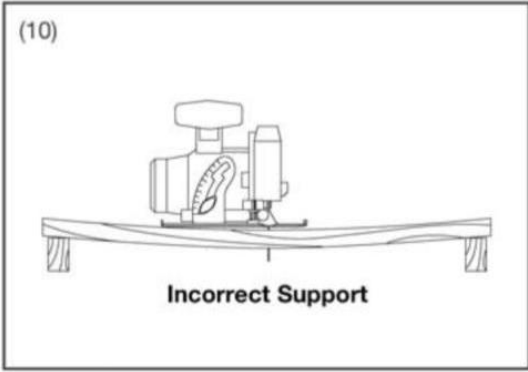
It is not suitable for cutting timber for fuel. Only use saw blades that are suitable for machine and do not use cutting discs.

This tool is specially design to work with Feider range of battery and charger.



### 3. ASSEMBLY





**a. Charging (Attention: Charger and battery not included in this model)**

- 1). Take the battery pack out of the equipment. Do this by pressing the side pushlock buttons.
- 2). Check that your mains voltage is the same as that marked on the rating plate of the battery charger. Insert the power plug of the charger into the socket outlet. The RED LED will then begin to light.
- 3). Insert the battery pack into the battery charger .then the red LED on charger will begin to Green flash light.
- 4). You will find a label with "Charger indicator" of the LED indicator on the charger.

The battery pack can become a little warm during the charging. This is normal.

If the battery pack fails to charge, check:

- Voltage at the power socket
- Whether there is good contact at the charging contacts.
- Whether the battery pack is warm or not, The battery protection system will not allow the battery to be charged if the battery temperature is over 40°C after use, allow the battery pack to cool to room temperature before commencing with the charging.

If the battery pack still fails to charge, send the charging unit and the battery pack to our customer service center.

To ensure that the battery pack provides long service, you should take care to recharge it promptly. You must recharge the battery pack when you notice that the power of the cordless vacuum drops. Never allow the battery pack to become fully discharged. This will cause it to develop a defect.

Battery capacity indicator

Press the switch for the battery capacity indicator . The battery capacity indicator shows the charge status of the battery using 4 LEDs as following:

All 4 LEDs are lit:

The battery is fully charged.

3 LED(s) are lit:

The battery has approx 75% remaining charge.

2 LED(s) are lit:






The battery has approx 50% remaining charge.

1 LED is lit:

The battery will be empty soon, please recharge the battery.

Charge indicator

To display the amount of charge left in the battery, press the charge level indicator button, Fig.2.

Indicator status	Explanations and actions
	<p>Ready for use The charger is connected to the mains and is ready for use; there is no battery pack in the charger.</p>
	<p>Charging The charger is charging the battery pack in charge mode.</p>
	<p>Battery pack is full of charge. Charging is finished and battery pack in the charger.</p>
	<p>The temperature of battery is too high or too low, the charger is under protection status. The charging function can be recovered after the temperature is normal.</p>
	<p>Unrecoverable battery malfunction.</p>

**b. ATTACHING THE BLADE**

A 6 1/2 in. blade is the maximum blade capacity of the saw. Never use a blade that is too thick to allow outer blade washer to engage with the flats on the spindle. Larger blades will come in contact with the blade guard, while thicker blades will prevent blade screw from securing the blade on the spindle. Either of these situations could result in a serious accident.

Always remove the battery before installing blades.

The blade is extremely sharp and care must be observed when handling. Caution must be observed as the blade guard is spring loaded and if released may cause an injury. Rotate the blade guard into the fully open position and secure it in this position using a screwdriver or piece of wood.

Depress the spindle lock button Fig.3.

**CAUTION:** To prevent damage to the spindle or spindle lock, always allow motor to come to a complete stop before engaging spindle lock.

Remove the blade screw by turning it counterclockwise with the hex key, while keeping the spindle lock button depressed Fig.4.

Remove the blade washer noting which way round it is fitted.

Fit the saw blade inside the lower blade guard and onto the spindle ensuring that the direction of rotation arrow on the blade corresponds with the direction of rotation arrow on the fixed guard arrow Fig.5.

**NOTE:** The saw teeth point upward at the front of the saw.

Replace the blade washer. Depress the spindle lock button, and then replace the blade screw. Tighten the blade screw securely by turning it clockwise.

Note : Check the tightness of the blade securing bolt before, during and after each use.

Take up the tension on blade guard and remove the piece of wood or screwdriver that is holding it in the open position. Slowly release the guard so that it covers the blade. Check the operation of the blade guard making sure that it operates correctly. The operation is complete and your machine is ready for use.

**c. REMOVING THE BLADE**

Remove the battery pack from the saw.

Depress the spindle lock button, and remove the blade screw by turning it clockwise. Remove the outer blade washer.

Remove the blade.

**d. ATTACHING THE PARALLEL GUIDE**

Before attaching the parallel guide please ensure the battery is removed from the machine. Place the parallel guide through the holes in the base, Fig-6.

Adjust the parallel guide to the width needed and then tighten the parallel guide locking knob making sure the guide is secure.

Note: Use the parallel guide provided when making long or wide rip cuts with the saw.

**e. Installing the battery pack**

**Warning!** Always remove battery pack from your tool when you are assembling parts, making adjustments, cleaning, carrying, transporting or when it is not in use. Removing the battery pack will prevent accidental starting that could cause serious personal injury.

**NOTE:** To avoid serious personal injury, always remove the battery pack and keep hand clear of the lock out button when carrying or transporting the tool.

Slide battery pack into the pole saw base, Fig 7. Make sure that the battery pack snaps into place and that the battery is secured in the tool before beginning operation. Improper installation of the battery pack can cause damage to internal components.

**f. Removing battery pack**

Locate the battery release catch on the top of the battery and press downwards, Fig 8. Whilst holding down the battery release catch slide the battery pack away from the tool.

## 4. OPERATION

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**Warning! Before each use always check the operation of the lower guard before connecting the battery to the Circular Saw. Do not use the Circular Saw if the lower guard does not close smoothly over the saw blade and returns fully to the closed position.**

**Keep blades clean & sharp.**

**When handling blades, wear gloves.**

**Keep hands away from the cutting area and blade at all times. Do not reach underneath the work while the blade is rotating. Do not attempt to remove cut material while the blade is moving. Caution: The blade will continue to rotate for a short period after the machine is switched off.**

### a. **OPERATING INSTRUCTIONS**

Keep guards in place and in good working order at all times to avoid serious accidents. Support large panels as shown in Fig.9 to minimize the risk of blade pinching and kickback.

Fig. 10 shows the wrong way to cut large pieces of wood, cutting in this way will cause serious injury to the operator. When cutting, the saw should rest on the larger piece of the material and the smaller piece cut off. Use the parallel guide or a rip fence at all times, this will help to prevent side pressure being exerted on the blade and will also give a straighter cut.

### b. **GUARDING AGAINST KICKBACK**

Kickback occurs when the saw stalls rapidly and is driven back towards the operator. To avoid kick back keep blades sharp and always support large work pieces correctly. Release the switch immediately if blade binds or if the circular saw stalls. Do not remove the saw from a work piece while the blade is still moving. Never place your hands or fingers behind or in front of the saw Fig.11.

If kick back occurs, the saw could jump backwards over your hand, possibly causing severe injury.

Always lower guard with the retaining handle. Before cutting be sure that the depth and bevel adjustments are tight. Use only the correct blades for your power tool with the correct bore size. Never use defective or incorrect blade washers or bolts. Avoid cutting nails by inspecting the work piece; remove all nails from the work piece before cutting. Operate with the correct hand and work piece support.

Warning! It is important to support the work piece properly and to hold the saw firmly to prevent loss of control which could cause personal injury. Fig. 12 illustrates the correct hand positions to support the saw safely. Place the wider portion of the saw base on that part of the work piece which is solidly supported, not on the section that will fall off when the cut is made. If the work piece is short or small, clamp it to a suitable support.

Warning! Do not try and hold short pieces by hand.

Fig.13 illustrates the correct way to cut off the end of a board. Fig.14 shows the

wrong way to cut off the end of a board.

Never attempt to saw with the Circular Saw held upside down in a vice this is extremely dangerous and can lead to a serious accident.

Before setting the tool down after completing a cut, be sure that the lower guard has closed and the blade has come to a complete stop.

### c. **ADJUSTMENTS**

Caution! Always ensure that the battery is disconnected from the circular saw before carrying out any maintenance or adjustments.

### d. **DEPTH OF CUT AT 90°**

Always keeps correct blade depth setting. The correct blade depth setting for all cuts should not exceed 1/4 in. below the material being cut. More blade depth will increase the chance of kickback and cause the cut to be rough. For more depth of cut accuracy, a scale is located on the upper blade guard.

The Circular Saw has an adjustable depth of cut. To adjust the depth of cut slackens the lever located on the side of the machine, Fig.15.

Measure the depth required from the base plate to the highest point of the blade or use the depth gauge on the fixed guard, Fig.16.

Tighten the depth adjustment knob securely.

e. **ANGLE OF CUT 0-45°**

To adjust the angle of cut between 0-45° slacken the adjustable angle of cut locking knob, Fig.17.

The base plate assembly will now pivot between 0- 45°. Set the desired cutting angle by using degree scale at the front of the machine and tighten locking knobs.

**WARNING!** Always wear safety goggles or safety glasses with side shields during power tool operation or when blowing dust. If operation is dusty, also wear a dust mask.

At the front of the base plate there are two notches marked 0° and 45°. These notches are a guide to indicate the position of the blade in relation to the cut being made in the material.

f. **STARTING AND STOPPING**

To start the machine, press in the lock-off switch Fig.18 then depress and hold in the trigger, Fig.19. There is no need to hold the lock-off switch in as it remains in place as long as the trigger is depressed. To stop the saw, release the trigger, which allows the lock-off switch to return to the locked position. Do not attempt to jam the lock-off switch.

**NOTE:** You can depress the lock-off button from either the left or right side. Always let the blade reach full speed, and then guide the saw into the workpiece.

## 5. MAINTENANCE AND STORAGE

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a. **Maintenance**

After each use, remove the accumulator from its compartment and check for damage.

Correct maintenance is essential to maintain the original efficiency and safety of the machine over time.

Keep all nuts, bolts and screws tight to be sure the equipment is in a safe working condition. Never use the machine with worn or damaged parts. Damaged parts are to be replaced and never repaired.

Only use original spare parts. Parts that are not of the same quality can seriously damage the equipment and compromise safety.

During maintenance, remove the battery from the tool.

To avoid overheating and damage to the motor, always keep the cooling air vents clean and free of sawdust and debris.

Clean the housing only with a damp cloth. Do not use solvents! Then wipe thoroughly.

Check the condition of the tool. If the tool is damaged or has malfunction, do not use it and bring it to a qualified service for inspection or repair.

To maintain the optimum battery power, we recommend that the battery be discharged and recharged every two months.

b. **Storage**

Remove the battery from the tool.

Put the blade protection on the blade of the tool during transport and storage.

Store the tool in a dry place and protected from freezing, the ambient temperature should not exceed 50°C. Put it out of the reach of children.

## 6. DISPOSAL

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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.

## 7. DECLARATION OF CONFORMITY



**BUILDER SAS**

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

**Declare that the following machine:**

**Cordless Circular Saw**

**FSC20V165**

**Serial number: 20211001223-20211001722**

**Is in conformity with the Directive Machine2006/42/EC and with the regulation transposing it.**

**Also in conformity with the following Directives:**

**EMC Directive 2014/30/UE**

**RoHS Directive (EU)2015/863 amending 2011/65/EU**

**Also in conformity with the following standards**

**EN 62841-1:2015**

**EN 62841-2-5:2014**

**EN 55014-1:2017**

**EN55014-2:2015**

**Responsible of the technical file: Mr Patriarca**

**Cugnaux, 15/07/2021**

A handwritten signature in black ink, appearing to read 'Philippe MARIE', with a large, stylized initial 'P'.

**Philippe MARIE / PDG**

## 8. WARRANTY



### WARRANTY

The manufacturer guarantees the product against defects in material and workmanship for a period of 2 years from the date of the original purchase. The warranty only applies if the product is for household use. The warranty does not cover breakdowns due to normal wear and tear.

The manufacturer agrees to replace parts identified as defective by the designated distributor. The manufacturer does not accept responsibility for the replacement of the machine, in whole or in part, and/or ensuing damage.

**The warranty does not cover breakdowns due to:**

- insufficient maintenance.
- abnormal assembly, adjustment or operations of the product.
- parts subject to normal wear and tear.

**The warranty does not extend to:**

- shipping and packaging costs.
- using the tool for a purpose other than that for which it was designed.
- the use and maintenance of the machine done in a manner not described in the user manual.

Due to our policy of continuous product improvement, we reserve the right to alter or change specifications without notice. Consequently, the product may be different from the information contained therein, but a modification will be undertaken without notice if it is recognized as an improvement of the preceding characteristic.

#### **READ THE MANUAL CAREFULLY BEFORE USING THE MACHINE.**

When ordering spare parts, please indicate the part number or code, you can find this in the spare parts list in this manual. Keep the purchase receipt; without it, the warranty is invalid. To help you with your product, we invite you to contact us by phone or via our website:

- **+33 (0)9.70.75.30.30**
- **<https://services.swap-europe.com/contact>**

You must create a "ticket" via the web platform.

- Register or create your account.
- Indicate the reference of the tool.
- Choose the subject of your request.
- Describe your problem.
- Attach these files: invoice or sales receipt, photo of the identification plate (serial number), photo of the part you need (for example: pins on the transformer plug which are broken).





## 9. PRODUCT FAILURE

### WHAT TO DO IF MY MACHINE BREAKS DOWN?

#### **If you bought your product in a store:**

- a) Empty the fuel tank if your product has one.
- 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 if your product has one.
- 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 of the machine.

Go to the repair station with the complete machine packed, accompanied by the purchase invoice and the station support sheet downloadable after the service request is completed on the SWAP-Europe site

For machines with engine failure from manufacturers BRIGGS & STRATTON, HONDA and RATO, please refer to the following instructions.

Repairs will be done by approved engine manufacturers of these manufacturers, see their site:

- <http://www.briggsandstratton.com/eu/fr>
- <http://www.honda-engines-eu.com/fr/service-network-page;jsessionid=5EE8456CF39CD572AA2AEEDFD290CDAE>
- <https://www.rato-europe.com/it/service-network>

**Please keep your original packaging to allow for after-sales service returns or pack your machine with a similar cardboard box of the same dimensions.**

**For any question concerning our after-sales service you can make a request on our website <https://services.swap-europe.com>**

**Our hotline remains available at +33 (9) 70 75 30 30.**



# 10. WARRANTY EXCLUSIONS

## THE WARRANTY DOES NOT COVER:

- Start-up and setting up of the product.
- Damage resulting from normal wear and tear of the product.
- Damage resulting from improper use of the product.
- Damage resulting from assembly or start-up not in accordance with the user manual.
- Breakdowns related to carburetion beyond 90 days and fouling of carburetors.
- Periodic and standard maintenance events.
- Actions of modification and dismantling that directly void the warranty.
- Products whose original authentication marking (brand, serial number) has been degraded, altered or withdrawn.
- Replacement of consumables.
- The use of non-original parts.
- Breakage of parts following impacts or projections.
- Accessories breakdowns.
- Defects and their consequences linked to any external cause.
- Loss of components and loss due to insufficient screwing.
- Cutting components and any damage related to the loosening of parts.
- Overload or overheating.
- Poor power supply quality: faulty voltage, voltage error, etc.
- Damages resulting from the deprivation of enjoyment of the product during the time necessary for repairs and more generally the costs related to the immobilization of the product.
- The costs of a second opinion established by a third party following an estimate by a SWAP-Europe repair station
- The use of a product which would show a defect or a breakage which was not the subject of an immediate report and/or repair with the services of SWAP-Europe.
- Deterioration linked to transport and storage\*.
- Launchers beyond 90 days.
- Oil, petrol, grease.
- Damages related to the use of non-compliant fuels or lubricants.

\* In accordance with transport legislation, damage related to transport must be declared to carriers within 48 hours maximum after observation by registered letter with acknowledgement of receipt.

This document is a supplement to your notice, a non-exhaustive list.

**Attention:** all orders must be checked in the presence of the delivery person. In case of refusal by the delivery person, it you must simply refuse the delivery and notify your refusal.

**Reminder:** the reserves do not exclude the notification by registered letter with acknowledgement within 72 hours.

### Information:

Thermal devices must be wintered each season (service available on the SWAP-Europe site). Batteries must be charged before being stored.