

# ozito

## BAND SAW

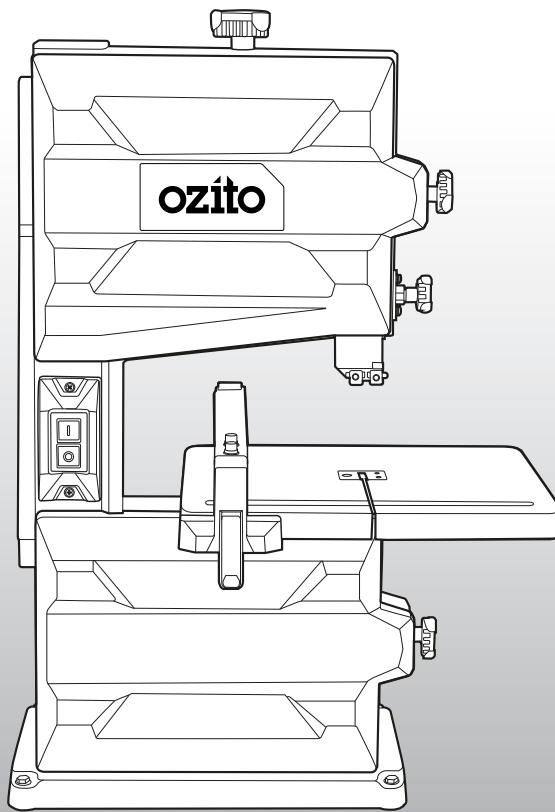
**250W 200mm (8")**

### INSTRUCTION MANUAL

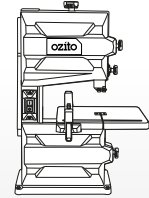
#### SPECIFICATIONS

Motor Power:	250W (S2 15min)
Input Voltage:	220V-240V ~ 50Hz
No Load Speed:	1,400/min
Saw Blade Speed:	900 m/min
Saw Blade Length:	1,400mm
Max. Blade Width:	8mm
Throat Depth:	200mm
Cutting Height:	80mm at 90° 45mm at 45°
Table Size:	305 x 305mm
Table Tilt:	-2° to 45°
Dust Adaptor:	Ø 36mm
Weight:	17.5kg

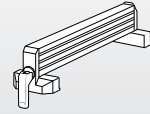
[ozito.com.au](http://ozito.com.au)



#### WHAT'S IN THE BOX



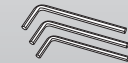
**Band Saw**



**Rip Fence**



**Push Stick**



**Hex Keys**

**3** YEAR REPLACEMENT WARRANTY

**BSW-2581**

## WARRANTY

IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY YOU MUST RETURN THE PRODUCT TO YOUR NEAREST BUNNINGS WAREHOUSE WITH YOUR BUNNINGS REGISTER RECEIPT. PRIOR TO RETURNING YOUR PRODUCT FOR WARRANTY PLEASE TELEPHONE OUR CUSTOMER SERVICE HELPLINE:

**Australia 1800 069 486**

**New Zealand 0508 069 486**

TO ENSURE A SPEEDY RESPONSE PLEASE HAVE THE MODEL NUMBER AND DATE OF PURCHASE AVAILABLE. A CUSTOMER SERVICE REPRESENTATIVE WILL TAKE YOUR CALL AND ANSWER ANY QUESTIONS YOU MAY HAVE RELATING TO THE WARRANTY POLICY OR PROCEDURE.

The benefits provided under this warranty are in addition to other rights and remedies which are available to you at law.

Our goods come with guarantees that cannot be excluded at law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Generally you will be responsible for all costs associated with a claim under this warranty, however, where you have suffered any additional direct loss as a result of a defective product you may be able to claim such expenses by contacting our customer service helpline above.

### 3 YEAR REPLACEMENT WARRANTY

Your product is guaranteed for a period of **36 months from the original date of purchase** and is intended for DIY (Do It Yourself) use only. If a product is defective it will be replaced in accordance with the terms of this warranty. Warranty excludes consumable parts:

### WARNING

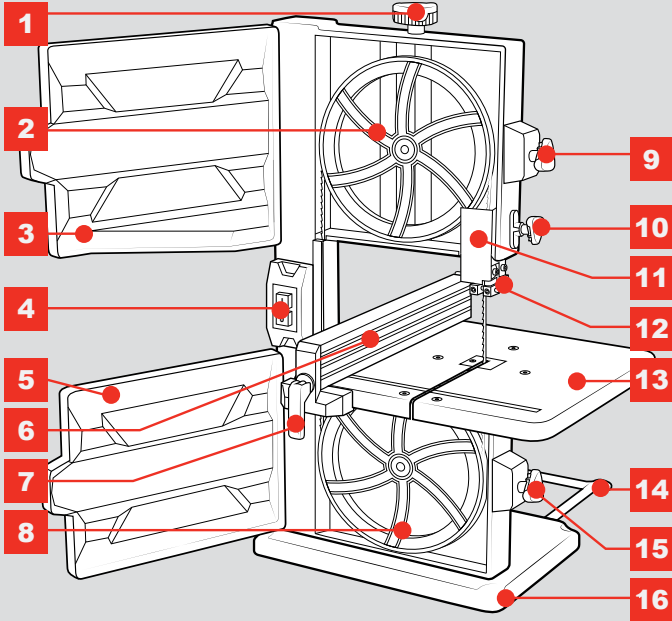
**The following actions will result in the warranty being void.**

- If the tool has been operated on a supply voltage other than that specified on the tool.
- If the tool shows signs of damage or defects caused by or resulting from abuse, accidents or alterations.
- Failure to perform maintenance as set out within the instruction manual.
- If the tool is disassembled or tampered with in any way.
- Professional, industrial or high frequency use.

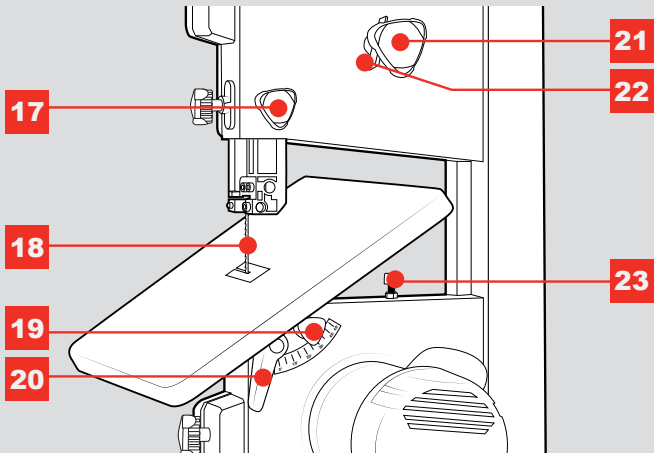
# KNOW YOUR PRODUCT

## BAND SAW

- |                       |                            |                     |
|-----------------------|----------------------------|---------------------|
| 1. Tensioning Knob    | 7. Rip Fence Locking Lever | 13. Saw Table       |
| 2. Upper Blade Pulley | 8. Lower Blade Pulley      | 14. Stabiliser Bar  |
| 3. Upper Door         | 9. Upper Door Lock         | 15. Lower Door Lock |
| 4. ON/OFF Switch      | 10. Blade Guard Adjustment | 16. Machine Base    |
| 5. Lower Door         | 11. Blade Guard            |                     |
| 6. Rip Fence          | 12. Upper Blade Guide      |                     |

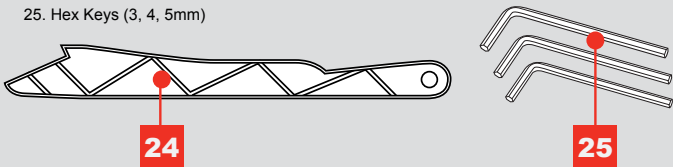


- |                              |                                     |
|------------------------------|-------------------------------------|
| 17. Blade Guard Locking Knob | 21. Pulley Tracking Adjustment Knob |
| 18. Blade                    | 22. Pulley Tracking Retaining Nut   |
| 19. Table Tilt Locking Knob  | 23. Table Support Bolt              |
| 20. Table Tilt Locking Lever |                                     |



## ACCESSORIES

- 24. Push Stick
- 25. Hex Keys (3, 4, 5mm)



## ONLINE MANUAL

Scan this QR Code with your mobile device to take you to the online manual.



# SETUP & PREPARATION

## 1. SETUP AND ADJUSTMENTS

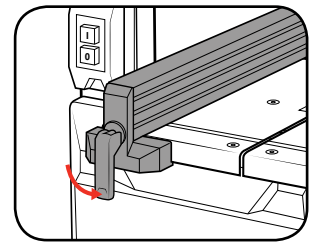
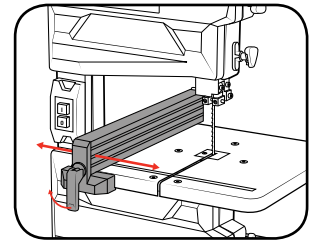
Before commencing any operations, refer to the Setup and Adjustment Manual to make sure that the Band Saw has been Assembled and Setup correctly.



**WARNING!** TO PREVENT ACCIDENTAL STARTING, ENSURE THE BAND SAW IS DISCONNECTED FROM THE POWER SUPPLY BEFORE MAKING ANY ADJUSTMENTS

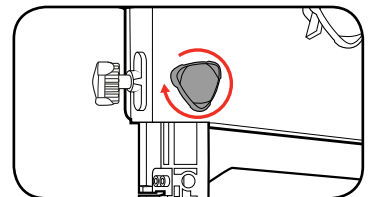
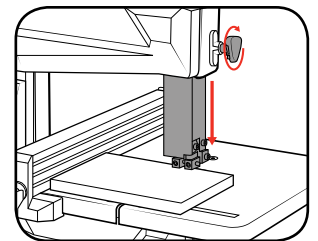
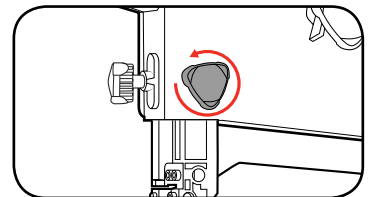
### Rip Fence

- 1 Release the rip fence lever by pulling it upwards.
- 2 Move the rip fence along the table, from either the right or left side, and position as required.
- 3 Push the lever down to secure the rip fence. If the clip does not give enough hold, turn it clockwise several times and then press the lever down.
- 4 You must always ensure that the rip fence is positioned parallel to the blade.



### Adjusting the Blade Guard

- 1 Loosen the blade guard locking knob at the back of the unit.
  - 2 Rotate the blade guard adjustment to lower the blade guide as close as possible to the work piece to be cut. The gap should be approx. 2-3mm between the material and blade guide.
  - 3 Secure in position by tightening the blade guard locking knob.
- Note:** Check the setting before each cut and re-adjust if necessary.

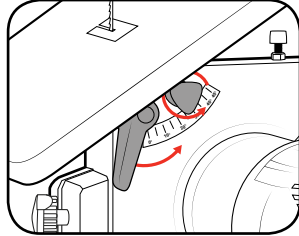


# 3 YEAR REPLACEMENT WARRANTY

# OPERATION

## Tilting the Saw Table

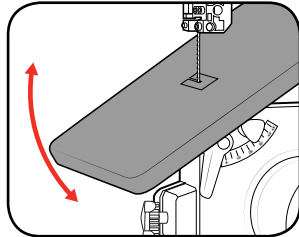
- 1 Move the upper blade guide to its maximum height.
- 2 Loosen both the tilt lever and locking knob.



- 3 Adjust the table to the desired angle.

**NOTE:** Use the protractor on the back, below the saw table to achieve an accurate angle.

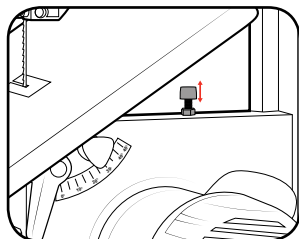
- 4 Tighten both the tilt lever and locking knob to secure the table in place.



The support nut should be adjusted to achieve a cut angle of 90°. This allows the table to be reset easily.

To set the table at an angle between -4 and 0, this support nut will need to be loosened by performing the following steps:

- 1 Undo the table support nut beneath the table.
- 2 Adjust the bolt until there is contact with the machine frame at the desired angle.
- 3 Re-tighten the nut to fasten the bolt.



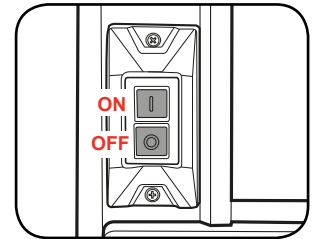
## 2. USING THE BAND SAW

**CAUTION!** TO REDUCE THE RISK OF ELECTRIC SHOCK, WE RECOMMEND THE USE OF A RESIDUAL CURRENT DEVICE (RATED AT 30MA OR LESS).

**CAUTION!** AFTER EACH NEW ADJUSTMENT IT IS RECOMMEND A TRIAL CUT IS MADE IN ORDER TO CHECK THE NEW SETTINGS.

### On/Off Switch

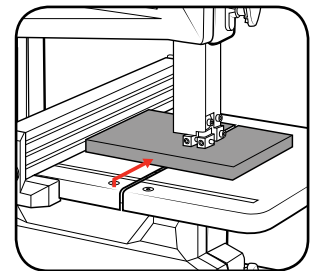
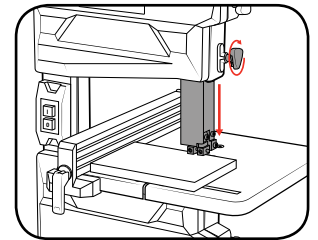
- 1 To turn the machine on, press the green button "I".
- 2 To turn the machine off again, press the red button "0".



### Longitudinal Cuts

Longitudinal (rip) cutting is when you use the saw to cut along the grain of the wood.

- 1 Place the rip fence to the left of the blade.
- 2 Lower the blade guard down to the work piece following the instructions in 'Adjusting the Blade Guard' section.
- 3 Switch on the saw.
- 4 Press the edge of the work piece to hold it securely against the rip fence and flat on the table.
- 5 Guide the work piece along the rip fence and through the blade at a uniform speed.

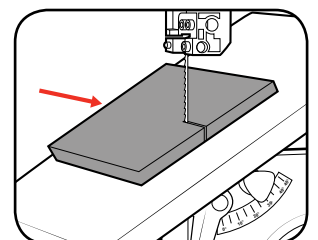


**IMPORTANT!** LONG WORK PIECES MUST BE SECURED AGAINST FALLING OFF AT THE END OF THE CUT (E.G. WITH A ROLLER STAND ETC.)

### Angle Cuts

To enable you to perform angular cuts parallel to the blade, the table can be tilted between 0° - 45°.

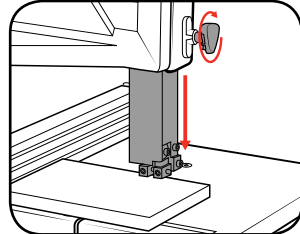
- 1 Follow steps in the 'Tilting the Saw Table' section to position the table at the desired angle.
- 2 Carry out the cut as described in Longitudinal cuts.



## Free Hand Cuts

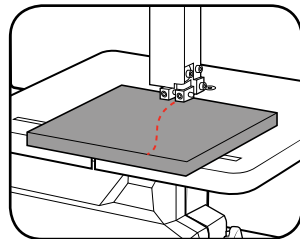
One of the most outstanding features of a band saw is the ease with which it allows you to make curved cuts.

1 Lower the blade guide to the work piece.



2 Switch on the saw.

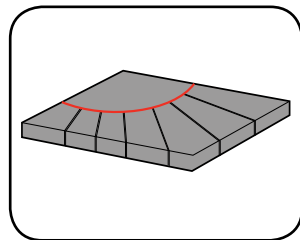
3 Hold the work piece securely on the table and guide slowly through the blade.



4 Freehanded cuts should be made at low speed so that you can guide the blade along the required line.

5 It often pays to first cut off surplus curves and corners up to about 6mm from the cutting line.

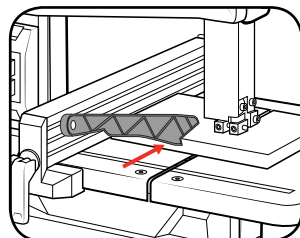
6 In the case of curves which are too tight for the blade to cut correctly, it can help to make a series of close-lying cuts at right angles to the curved line. When you saw the radius the material will simply drop off.



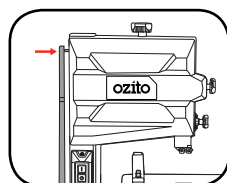
## Push Sticks

**IMPORTANT! WHEN HANDLING NARROWER WORKPIECES, IT IS ESSENTIAL TO USE A PUSH STICK. THE PUSH STICK MUST ALWAYS BE KEPT CLOSE AT HAND.**

The push stick protects against contact with the saw blade. Use the stick to push the workpiece through the saw blade.



The push stick can be hung on the hook at the side of the unit when not in use.



## Blade Selection

The blade supplied with the band saw is designed for all-purpose use. 1400mm x 7mm x 6TPI Blades are available through Ozito spare parts. Contact customer service on:

**Australia 1800 069 486**

**New Zealand 0508 069 486**

## Additional Adjustments

**For any additional adjustments to be made that are not covered in this manual, please refer to the Setup and Adjustments manual.**

# MAINTENANCE



**WARNING!** TO PREVENT ACCIDENTAL STARTING, ENSURE THE BAND SAW IS DISCONNECTED FROM THE POWER SUPPLY BEFORE PERFORMING ANY OF THE FOLLOWING OPERATIONS

**NOTE:** Ozito Industries will not be responsible for any damage or injuries caused by the repair of the tool by an unauthorised person or by mishandling of the tool.

## CLEANING

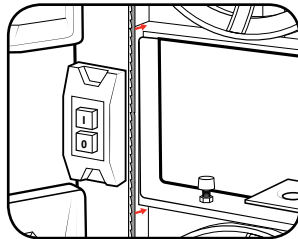
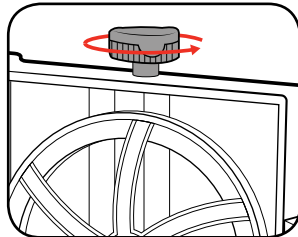
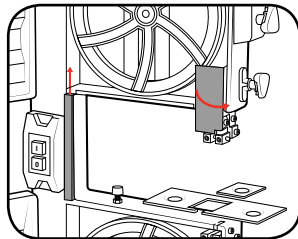
- Keep all safety devices, air vents and the motor housing free of dirt and dust as much as possible. Wipe the equipment with a clean cloth or blow it with compressed air at low pressure.
- We recommend that you clean the device immediately each time you have finished using it.

## CHANGING THE BLADE



**WARNING!** ENSURE THE TOOL IS DISCONNECTED FROM THE POWER SUPPLY BEFORE OPENING THE HOUSING DOOR. FAILURE TO FOLLOW THIS INSTRUCTION MAY LEAD TO INJURY.

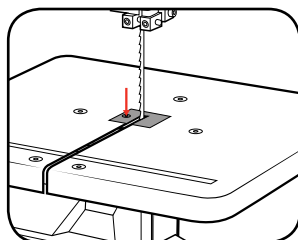
- 1 Loosen the door locking knobs and open both housing doors.
- 2 Remove the left blade guard by sliding it up and out. Also open the right blade cover.
- 3 Loosen the tension knob at the top of the unit by rotating anti-clockwise.
- 4 Remove the web panel from the front of the saw table.
- 5 Remove the blade from the pulleys and then slide out.
- 6 Replace the blade following the section 3-6 in the 'Setup and Assembly' manual.



## CHANGING THE TABLE INSERT

To prevent increased likelihood of injury the table insert should be changed whenever it is worn or damaged.

- 1 Tilt the saw table to gain access to the fastening screw.
- 2 Loosen the fastening screw and remove the table insert.
- 3 Fit the replacement table insert and secure using the fastening screw.



## STORAGE

Store the equipment and accessories out of children's reach in a dark and dry place at above freezing temperature. The ideal storage temperature is between 5 and 30 °C. Store the electric tool in its original packaging.

# DESCRIPTION OF SYMBOLS

<b>V</b>	Volts	<b>Hz</b>	Hertz
<b>~</b>	Alternating current	<b>W</b>	Watts
<b>/min</b>	Revolutions or reciprocation per minute	<b>No</b>	No load speed
	Regulator compliance mark		Read instruction manual
	Warning		Wear hearing protection
	Wear a breathing mask		Wear eye protection
	<b>Important. Risk of injury!</b> Do not reach into the running saw blade		
	Pull the power plug before beginning any repair or maintenance work		

# CARING FOR THE ENVIRONMENT



Power tools that are no longer usable should not be disposed of with household waste but in an environmentally friendly way. Please recycle where facilities exist. Check with your local council authority for recycling advice.



Recycling packaging reduces the need for landfill and raw materials. Reuse of recycled material decreases pollution in the environment. Please recycle packaging where facilities exist. Check with your local council authority for recycling advice.

# TROUBLESHOOTING

Problem	Possible Causes
Bandsaw not starting	<ul style="list-style-type: none"> <li>• Power cord is not connected</li> <li>• One of the housing doors are not shut completely</li> </ul>
Premature and excessive tooth wear	<ul style="list-style-type: none"> <li>• Feed pressure too light</li> <li>• Feed pressure too high</li> <li>• Guide hitting teeth alignment</li> </ul>
Finished surface too rough	<ul style="list-style-type: none"> <li>• Feed rate too high</li> </ul>
Premature blade breakage	<ul style="list-style-type: none"> <li>• Band tension too high</li> <li>• Excessive feed pressure</li> </ul>
Cutting rate too slow	<ul style="list-style-type: none"> <li>• Incorrect feed pressure</li> <li>• Damaged or worn blade</li> </ul>
Gullets loaded with chips	<ul style="list-style-type: none"> <li>• Speed too slow</li> <li>• Chip brush not working properly</li> </ul>
Belly shaped cuts	<ul style="list-style-type: none"> <li>• Improper blade tension</li> <li>• Guide arm is too far from work piece</li> <li>• Excessive feed force</li> </ul>
Band develops twist	<ul style="list-style-type: none"> <li>• Binding in cut (adjust blade tension)</li> <li>• Saw guides too close to work piece</li> </ul>
Band stalls in work	<ul style="list-style-type: none"> <li>• Feed pressure too great</li> <li>• Improper blade tension</li> </ul>
Blade vibration	<ul style="list-style-type: none"> <li>• Guides poorly adjusted</li> <li>• Blade tension too low</li> <li>• Feed rate too low</li> <li>• Work piece not properly secured</li> </ul>

# SPARE PARTS

Spare parts can be ordered from the Special Orders Desk at your local Bunnings Warehouse.

For further information, or any parts not listed here, visit [www.ozito.com.au](http://www.ozito.com.au) or contact Ozito Customer Service:

Australia 1800 069 486

New Zealand 0508 069 486

E-mail: [enquiries@ozito.com.au](mailto:enquiries@ozito.com.au)





# ELECTRICAL SAFETY



**WARNING!** When using mains-powered tools, basic safety precautions, including the following, should always be followed to reduce risk of fire, electric shock, personal injury and material damage.

Read the whole manual carefully and make sure you know how to switch the tool off in an emergency, before operating the tool.

Save these instructions and other documents supplied with this tool for future reference.

The electric motor has been designed for 230V and 240V only. Always check that the power supply corresponds to the voltage on the rating plate.

Note: The supply of 230V and 240V on Ozito tools are interchangeable for Australia and New Zealand.

If the supply cord is damaged, it must be replaced by an electrician or a power tool repairer in order to avoid a hazard.

To reduce the risk of electric shock, we recommend the use of a residual current device (rated at 30mA or less).

## Using an Extension Lead

Always use an approved extension lead suitable for the power input of this tool. Before use, inspect the extension lead for signs of damage, wear and ageing. Replace the extension lead if damaged or defective.

When using an extension lead on a reel, always unwind the lead completely. Use of an extension lead not suitable for the power input of the tool or which is damaged or defective may result in a risk of fire and electric shock.



# 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.

## 1. Work area safety

- Keep work area clean and well lit. Cluttered or 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. Electrical safety

- 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.
- 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.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- 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.
- 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.
- 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

- 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.
- 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.

- 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.
  - 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.
  - Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
  - Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
  - 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.
- ## 4. Power tool use and care
- 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.
  - 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.
  - 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.
  - 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.
  - 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.
  - Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
  - 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.
- ## 5. Service
- 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.



# BAND SAW SAFETY WARNINGS

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.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they don't play with the appliance.

- Pull out all nails in the material before starting to saw. Cutting nails may damage your tool.
- Do not operate your band saw until it is completely assembled and installed according to the instructions and until you have read and understood all of the instructions.
- Do not touch moving parts with your fingers or hands.
- Ensure that you have tightened the blade prior to starting the machine.
- When finishing sawing, wait until the saw blade has ceased moving prior to removing it from the material.
- Do not touch the saw blade immediately after use. Allow time for the blade to cool, otherwise it could burn you due to the heat generated during sawing.
- Always check accessories to ensure that they are suitable for the operating speeds of this tool.
- Incorrect accessories can break apart at high speed and cause serious damage or personal injury.
- Never turn your band saw on before clearing the table of all objects (tools, scraps of wood, etc.) except for the work piece.
- Hold the work firmly against the table.
- Do not feed the material too fast while cutting. Only feed the material fast enough so that the blade will cut.
- Never leave the band saw running unattended. Always turn the saw off, make sure that it has come to a complete stop, and then remove plug from the power supply before leaving the work area.
- Use caution when cutting off material which is irregular in cross section as it could pinch the blade before the cut is completed. A piece of moulding, for example, must lay flat on the table and not be permitted to rock whilst being cut.
- Do not use saw bands which are damaged or deformed.
- When cutting round timber use a suitable device to prevent twisting of the workpiece.
- When bevel-cutting with the table inclined, place the guide on the lower part of the table.
- Connect band saws to a dust-collecting device when operating.



**WARNING!** Some dust created by sanding, sawing, grinding, drilling and other construction activities contain chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints;
- Crystalline silica from bricks, cement and other masonry products, and;
- Arsenic and chromium from chemically-treated timber.

The risk from such exposures vary depending on how often you do this type of work. To reduce your exposure to these chemicals; work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specifically designed to filter out microscopic particles.

Always wear eye protection and a dust mask for dusty applications and when drilling/ chiselling overhead. Sanding particles can be absorbed by your eyes and inhaled easily and may cause health complications.

**Caution: Always Wear safety goggles, ear protection and a respiratory mask.**