

**LOTUS**<sup>®</sup>  
Performance, Delivered.<sup>™</sup>



## 710W Jig Saw

LTSJ110-710X

Made in China/Fabriqué en Chine  
Lotus Tool Group (Philippines)  
[www.lotustoolworks.com](http://www.lotustoolworks.com)



## Safety Instructions

 **ALWAYS WEAR EYE, FACE AND EAR PROTECTION**

### When operating the tool


Check that the switch is in the “off” position before connecting to the power supply. Switch to “off” immediately after completion of the task.

Keep the mains cable away from any moving parts or accessories.

Never cover the ventilation slots in the tool.

### Electrical Safety

The electric motor has been designed for 220V/240V only. Always check that the power supply corresponds to the voltage on the rating plate.

 This tool is double insulated therefore no earth wire is required.

### Using an Extension Lead





Always use an approved extension lead suitable for the power input of this tool. Before use, inspect the extension leads 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.

The power supply for this product should be protected by a residual current device (rated at 30mA or less). A residual current device reduces the risk of electric shock.

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

### Description of Symbol

-  Read instruction manual
-  Wear eye, breathing and ear protection
-  R.C.M. Regulatory compliance mark
-  Double insulated
- V** Volts
- ~** Alternating current
- Hz** Hertz
- W** Watts

$n_0$  No Load Speed

/min Revolutions per minute

 Warning

## 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.

## General Power Tool Safety Warnings

### **WARNING** Read all safety warnings and all instructions.

Failure to follow the 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 operated 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 to lose control

### **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.

- 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 you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under 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 use 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 accident.
- 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 over reach. 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, clothing and gloves 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 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 tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- f. Keep cutting tool 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 operation different from those intended could result in a hazardous situations.
- 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.

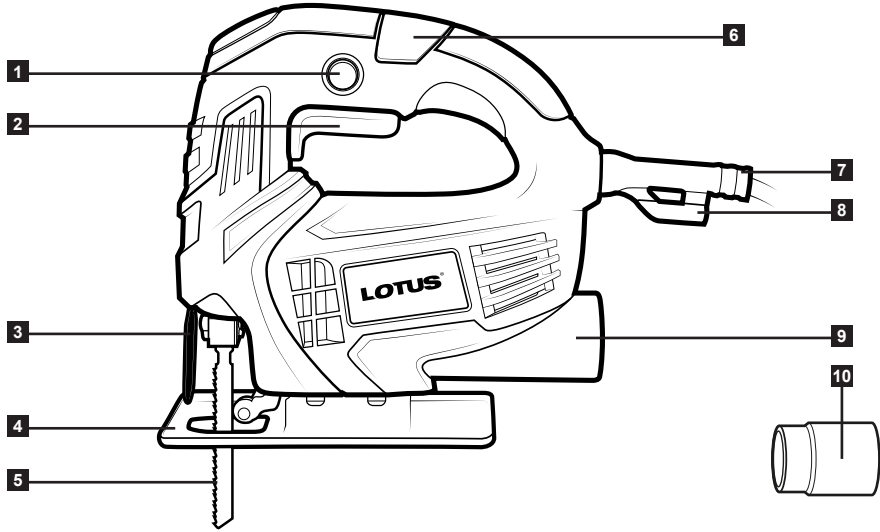
## 5. Services

- 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.

## Additional Safety Instructions for Jigsaws

**The tool is recommended for use with a residual current device with a rated residual current of 30mA or less.**

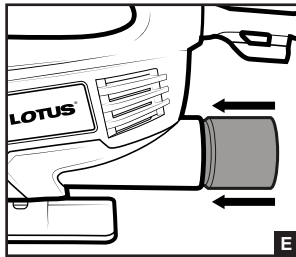
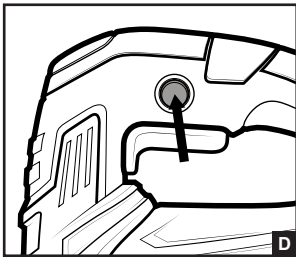
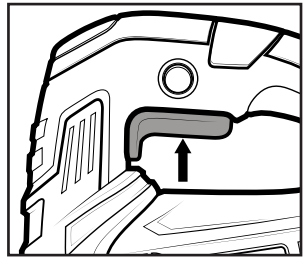
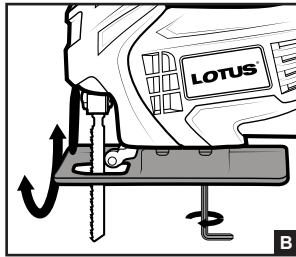
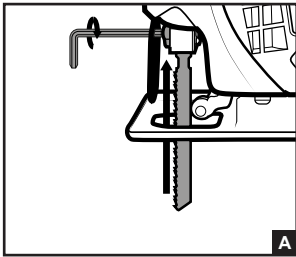
- Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring or its own cord. Cutting accessory contacting a “live” wire may make exposed metal parts of the power tool “live” and could give the operator an electric shock.
- Remove all nails in the work piece before the jigsaw. cutting nails may damage your tool.
- Do not cut hollow pipe with the jigsaw
- Do not cut material thicker or wider diameter than the specified limits.
- Always allow enough clearance underneath the work piece to ensure the blade does not touch the floor or work bench, etc.
- Do not cut through wall cavities without first checking for hidden electrical wires.
- Ensure that you have tightened the lade prior to starting the machine.
- When you have finished the cut, wait until the saw blade has stopped moving prior to removing it from the work piece.
- Do not touch the saw blade immediately after use. Allow time for the blade to cool, as it may burn 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 injury.
- 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.
- Young children should be supervised to ensure that they do not play with the appliance.



- 1 Lock-On Button
- 2 On/Off Trigger
- 3 Blade Guard
- 4 Adjustable Base Plate

- 5 Timber Cutting Blade
- 6 Soft Grip Handle
- 7 Power Cord
- 8 Hex Key Holder

- 9 Dust Extraction Port
- 10 Dust Extraction Adaptor



## SPECIFICATIONS

Input Power: 710W  
Input Voltage: 220v/240v  
Rated Frequency: 50/60hz  
No load Speed: 1500-3100rpm  
Stroke Length: 23mm  
Cutting Capacity in Wood: 105mm  
Cutting Capacity in Steel:10mm  
Cutting Capacity in Alum: 20mm

## USING YOUR JIGSAW

Your jigsaw has been designed to cut accurately through wood, steel and aluminum. It allows you to make straight or curved cuts when used in a DIY (Do It Yourself) context or for hobbyist purposes, it is not built for continuous daily use in a trade or professional capacity.

The shoe can be tilted up to 45° to the left or to the right allowing the jigsaw to cut at any angle between these two limits.

The jigsaw is supplied with a hex key housed in an on board storage clip. This hex key is the only tool required to adjust the angle of the shoe and to fit or remove a blade.

Before using the machine, carefully read these instructions, especially the safety rules to help ensure that you that your machine always operates properly.

Before attempting to operate the machine, familiarise yourself with the controls and make sure you know how to stop the machine quickly in an emergency.

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

### Selecting the right Jigsaw blade

Your Jigsaw has the ability to use a number of different types of interchangeable blades. The types of material cut, along with the desired quality of finish, typically determines the type of blade used.

### Blade Fitment Type

There are basically two types of jigsaw blade fitments T-shaped (or bayonet) and U-shaped (or Universal). Your jigsaw utilises T-shape fitments. Please ensure that you purchase only this type, As U shape fitments blades cannot be securely attached.

### Blade Material

Two basic types of material are used for jigsaw blades. High speed steel blades are usually the best choice for cutting all types of wood products. Cobalt steel blades hold up better when cutting metal products.

### Teeth Per Inch

Jigsaw blades are frequently rated in teeth per inch. A general rule is that blades with a lower number of teeth per inch are better for quick, rough cuts on soft material. Blades with a higher number of teeth per inch are designed for harder materials. Blade with higher number of teeth per inch make a finer cut but also cut more slowly than blades with fewer teeth per inch. Before purchasing new blades, please check on the blade packaging for suitability for the blades for the job at hand.

### Inserting a Blade

1. Before performing any adjustments ensure the tool has been switched off and is disconnected from any power supply.
2. Turn the jigsaw upside down and remove the hex key from its holder.
3. Loosen the 2 blades securing bolts using the hex key. The bolts can be accessed through the gap in the blade guard.
4. Insert the shaft end of the blade through the shoe into the blade holder. Ensure the teeth of the blade face towards the front of the saw.
5. When the blade is inserted as far as it will go, secure it in place by tightening the bolts clockwise.
6. Check that back edge (non-serrated edge) of the blade is within the groove of the blade guide wheel. If not, use the hex key to loosen the two bolts that secure the shoe and adjust the position of the guide wheel so that the back of the blade is supported by the blade guide wheel.
7. Tighten the shoe locking screws.
8. Connect the jigsaw to the power supply, switch on and check that the blade runs correctly, Switch off.

### Removing a blade

1. Before performing any adjustments ensure the tool has been switched off and is disconnected from any power supply.
2. Turn the jigsaw upside down and use the hex key to loosen the two blade securing bolts.
3. Remove the blade through the gap in the shoe.

### Adjusting the angle of the shoe

The shoe can be tilted to angles between 0°-45° left or right so that you can cut bevel angles in a work piece.

1. Before performing any adjustments ensure the tool has been switched off is disconnected from any power supply.
  2. Turn the jigsaw upside down and use the hex key to loosen the shoe locking screws secure the shoe.
  3. Slide the shoe backwards away from the blade..
  4. Tilt the shoe between 0 and 45° Left or right **Fig. B**
- Note:** Bevel angles of 0, 15, 30 and 45° are marked on the bevel scale..
5. Once the angle has been set, slide the shoe forwards again and tighten the shoe locking screws

If an accurate bevel is required, it is best to check the setting with protractor or by making a trial cut in a piece of scrap material and re-adjusting the setting if necessary.

### Operation

1. The shoe should always be kept flat against the work when performing a cut
2. Take care to always select the correct blade for the job at hand..

### Cutting on a straight or curved line

Note: A range of blades are available from your local manufacturer. Narrow blades are better suited for curved cuts

1. Mark your cutting line with a pencil or other suitable marker
2. Start the tool by squeezing the on/off switch trigger and wait a few seconds until the blade achieves maximum speed. **Fig. C**
3. Place the shoe on the work piece and move forward slowly along the cutting line. Take extra care and time when cutting curved lines in order to reduce stress on the blade and chance of breaking it. Let the tool work at its own pace. Do not overload the tool by pushing hard into the cut.
4. For sustained cutting you can press the lock-on switch to keep the trigger switch engaged. **FIG. D.** To release the lock on switch press the trigger switch then release it.



## Cutting Metal

1. Your jigsaw can be used for cutting light gauge ferrous sheet and non ferrous metal such as copper, brass and aluminum
2. When cutting sheet metal, clamp it to a backing sheet of soft wood or plywood. The metal and its wood backing are then cut together. This gives a clean cut without vibration and prevents the metal from tearing.
3. Do not force the cutting blade into the metal as this will reduce the life of the blade and possibly damage the motor.
4. Cutting thin metal takes longer than cutting even a relatively thick piece of wood, so do not be tempted to speed up the operation by forcing the saw.
5. Spread a thin film of oil along the purposed cutting line before commencing to cut metal.

## Pocket and round cutting

1. When you need to make a cut in the middle of a work piece without cutting into the edge, first drill a hole inside the marked line of the cut using a 12mm drill bit. This allows the blade to pass through the hole in order to begin the cut.

WHEN CUTTING TIGHT CURVES REDUCE THE SPEED OF THE JIGSAW.

## Dust Extraction

The tool can be attached to most portable vacuum cleaners via dust extraction port.

1. Attach the dust extraction adaptor to the dust port FIG. E.
2. Attach a dust extractor or vacuum to the dust extraction adaptor to help remove dust while operating.

## MAINTENANCE

Your tool has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper tool care and regular cleaning.

**Warning!** Before performing any maintenance, switch off and remove the electrical plug from the outlet.

- After each use, blow air through the tool housing to ensure it is free from all dust particles that may build up. Build up of dust particles may cause the tool to overheat and fail.
- If the body of the tool requires cleaning do not use solvent but moist cloth only. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.
- When the carbon brushes wear out the tool will spark and/or stop. The brushes are a wearing component of the tool and should be replaced prior to the carbon wearing out fully. Brushes will wear out after many uses but before they do take the tool to an electrician or power tool repairer for a quick and low cost replacement. Always replace both brushes at the same time.

**Note:** Manufacturer will not be responsible for any damage or injuries caused by the repair of the tool by an authorised person or by mishandling of the tool.

- If the supply cord of this power tool is damaged, it must be replaced by a special prepared cord available through the service organization.