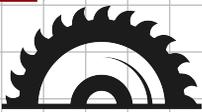


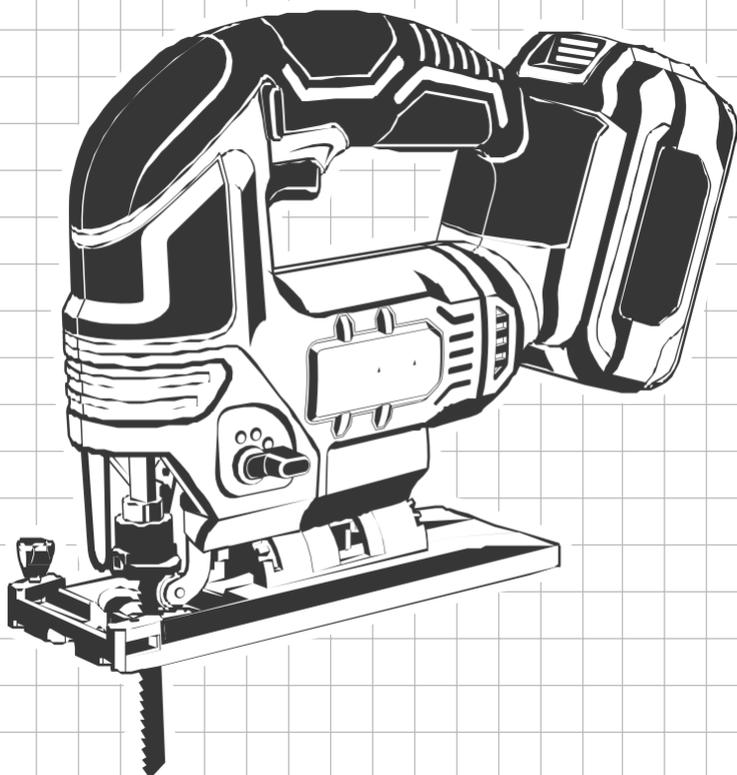
**XP**SERIES

LJS775

# LUMBER JACK



*Original Manual*  
**JIGSAW**



**WARNING**  
Read this manual before using this product.  
Failure to do so can result in serious injury.  
SAVE THIS MANUAL.



CE ~~RoHS~~ RoHS 

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## General Power Tool Safety Warnings

**⚠ WARNING** : Read all safety warnings and 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 tools or battery-operated (cordless) power tools.

## 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 grounded power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- b. Avoid body contact with grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is 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 a 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 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 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 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.

### **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, break- age 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 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.

## **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.

**e.** 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.

**f.** Working in especially dusty environments can lead to failure of the power tool. If the power tool suddenly fails, remove the carbon brushes and check them.

**g.** Do not open the battery. Protect the battery against heat, continuous intense

sunlight, fire, water, and moisture. Take care of danger of explosion and short-circuiting.

## **6. Specific Safety Rules for jigsaw**

- a.** Keep hands away from the sawing range. Do not reach under the work piece. Contact with the saw blade can lead to injuries.
- b.** Apply the machine to the work piece only when switched on. Otherwise there is danger of kickback when the cutting tool jams in the work piece.
- c.** Pay attention that the base plate rests securely on the material while sawing. A jammed saw blade can break or lead to kickback.
- d.** When the cut is completed, switch off the machine and then pull the saw blade out of the cut only after it has come to a standstill. In this manner you can avoid kickback and can place down the machine securely.
- e.** Use only undamaged saw blades that are in perfect condition. Bent or dull saw blades can break, negatively influence the cut, or lead to kickback.
- f.** Do not break the saw blade to a stop by applying side pressure after switching off. The saw blade can be damaged, break or cause kickback.
- g.** Use suitable detectors to determine if utility lines are hidden in the work area or call the local utility company for assistance. Contact with electric lines can lead to fire and electric shock. Damaging a gas line can lead to explosion. Penetrating a water line causes property damage or may cause an electric shock.

## **Causes and operator prevention of kickback:**

- a.** Kickback is a sudden reaction to a pinched, bound or misaligned saw blade, causing an uncontrolled saw to lift up and out of the work-piece toward the operator.
- b.** 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;
- c.** 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.**

- 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.

**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 back-ward while the blade is in motion or kickback may occur.

**c.** When restarting a saw in the work-piece, center the saw blade in the kerf and check that saw teeth are not engaged into the material.

**d.** Support large panels to minimize the risk of blade pinching and kickback.

**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 sawing into existing walls or other blind areas. The protruding blade may cut objects that can cause kickback.

## 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.

## 7. SYMBOLS

**a. Some of the following symbols may appear on this product. Study these symbols and learn their meanings. Proper interpretation of these symbols will allow for more efficient and safer operation of this product.**

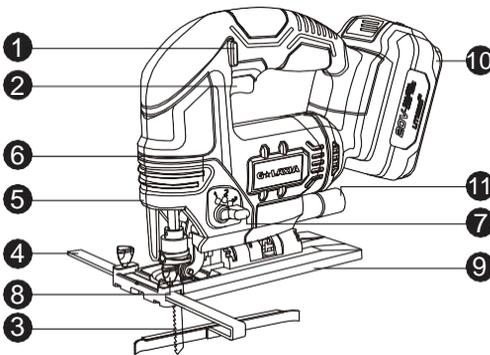
SYMBOL	DESCRIPTION
	Read the manual before set-up and/or use.
	Wear safety glasses.

	<p>Use dust mask. Dust which is injurious to health can be generated when working on wood and other materials. Never use the device to work on any materials containing asbestos.</p>
	<p>Do not dispose with house-hold waste.</p>
	<p>Conforms to relevant safety standards.</p>

## b. Technical Specification

Voltage:	DC-20V
No Load Speed:	0-2300r/min
Stroke Length:	22mm
Cutting Capacity:	Wood:90mm Steel:6mm

## c.F unction Description



1. Lock-off Button
2. Variable Speed Trigger
3. Saw Blade
4. Parallel Guide
5. Work Light
6. Gear Box Structure
7. Four-stage Cutting Action
8. Rip Guide Locking Screw
9. Base plate
10. Battery
11. Vacuum hose
12. Angle adjustment lever

## 8. Assembly

### Installing the Battery

Press the button of the battery, and then insert the charged battery from the front into the base of the power tool. Push the battery completely into the base until the red stripe can no longer be seen and the battery is securely locked.

**NOTE** : Use only original Lumberjack lithium ion batteries with the voltage

listed on the nameplate of your power tool. Using other batteries can lead to injuries and pose a fire hazard.

### Removing the Battery

Press the button of the battery, and then pull the battery from the machine into the base of the power tool.

**⚠ WARNING** : Please remove battery from the machine before operate the following installations.

### Installing the Saw Blade

- a. Press the blade clamp to the deepest position by hand.
- b. Insert the saw blade into the original position.
- c. Release the clamp.

**⚠ NOTE** : Check if the saw blade has been fastened firmly and correctly.

### Replacing the Saw Blade

- a. Press the blade clamp to the deepest position by hand.
- b. Take the saw blade out of the clamp.
- c. Release the clamp.

### Installing the Parallel Guide (See Fig.2)

To install the rip guide on the machine, perform as the following steps:

- a. Insert the rip guide through the slots on the base plate at the front of the saw, starting with slot in the left side edge of the base.
- b. Slide the left guide through the slots until it extends out the right side of the base plate.
- c. Adjust the rip guide for the desired width of cut and then securely tighten the rip guide locking screw.

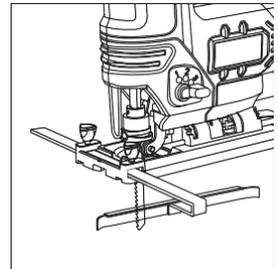


Fig.2

### Installing the Vacuum Adaptor Hose

Insert the vacuum adaptor hose into the base plate of the machine.

### Operation

**⚠ WARNING** : Insert the charged battery into the handle.

## Trigger Switch

To start the machine, push the lock-off button to the left or right, and then press the trigger switch.

To turn off the machine, just release the switch, the tool will stop.

**⚠ NOTE** : When you release the button, the light will be keep working about 3-5s. The LED lights up when the trigger switch is halfway or fully pressed, and is intended to illuminate the power tool's direct area of working operation.

## Adjusting the Cutting Speed ( See Fig.3)

The speed is increased by increasing pressure on the trigger. Release the trigger to stop.

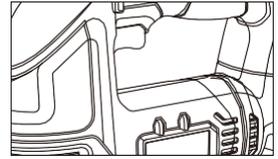


Fig.3

## Adjusting Cutting Angle ( See Fig.4)

a. Loosen the screws of shoe by using wrench for angle cutting adjustment which located on the underside of the tool.

b. Move the shoe left or right and tilt it until the desired angle (from 0° to 45°) as shown on the tilt angle scale.

c. Retighten the angle adjustment lever.

d. Check whether the shoe fixed firmly.

**⚠ NOTE** : For accurate cut it is necessary to make a trial cut, measure the work and reset the angle until the correct setting is achieved.

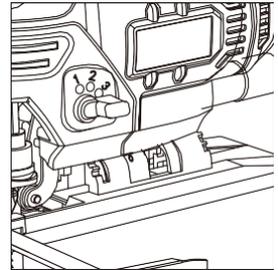


Fig.4

## Adjusting the Cutting Action ( See Fig.5)

This jigsaw is equipped with four orbital actions. To adjust the cutting action, just turn the cutting action changing lever to the desired cutting action position. Refer to the table to select the appropriate cutting action.

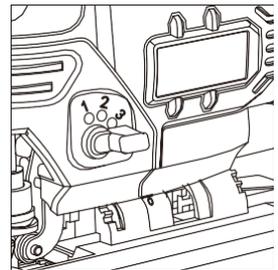


Fig.5

Position	Cutting Action	Applications
0	Straight line cutting action	For cutting mild steel, stainless steel and plastics. For clean cuts in wood and plywood.
I	Small orbit cutting action	For cutting mild steel, aluminum and hard wood.
II	Medium orbit cutting action	For cutting wood and plywood. For fast cutting in aluminum and mild steel.
III	Large orbit cutting action	For fast cutting in wood and plywood.

**⚠ CAUTION** : Always hold the base plate flush with the work-piece, Failure to do so may cause blade breakage, resulting in a serious injury.

## Cutting Methods

Advance the tool very slowly when cutting curves or scrolling. Forcing the tool may cause a slanted cutting surface and blade breakage.

Turn the tool on without the blade making any contact and wait until the blade attains full speed. Then rest the base plate flat on the work-piece and gently move the tool forward along the previously marked line.

## Pocket Cutting

When starting a cut from the center of a work piece, drill a 12mm diameter hole to ensure that there is clearance for the blade.

## Accessories

Description	Application
Wood Blade	Cutting for wood or other similar materials.
Metal Blade	Cutting for soft metal or other materials.

## Maintenance

- a. Keep the machine clean all the time.
- b. If you discover any damage, consult the exploded drawing and parts list to determine exactly which replacement part you need to order from our customer service department.
- c. Clean the housing only with a damp cloth. Do not use any solvents! Dry thoroughly afterwards.
- d. If the supply cord of this power tool is damaged, it must be replaced by a similar cord available through the service organization or a qualified authoritative technician.

** CAUTION** : Do not use cleaning agents to clean the plastic parts of the tool. A mild detergent on a damp cloth is recommended. Water must never come into contact with the tool.

## 10. Transport

Turn the motor off and disconnect the mains plug or battery. While transporting, be careful not to drop, or shock the machine. For transport, the machine has to be fixed against slipping and tipping over. Do not place objects on the machine.

collection facilities. Contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being

## 11. Seller Details

### CE DECLARATION OF CONFORMITY

TOOLSAVE

Unit C, Manders Ind. Est.,  
Old Heath Road, Wolverhampton,  
WV1 2RP.  
Tel: 01902 450 470

**Declares that the JIG SAW (JS775)**

Is in compliance with the regulations included in the Directives:2006/42/EC

### EC DECLARATION OF CONFORMITY

Certificate for EC-type examination delivered by TÜV SÜD Product Service GmbH, Zertifizerstelle,  
Ridlerstraße 65, 80339 München, Germany (Registration No.:M8A 18 06 42661 461)

**Person who declares: Bill Evans**

**CE**

06.26.2019

The Director





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