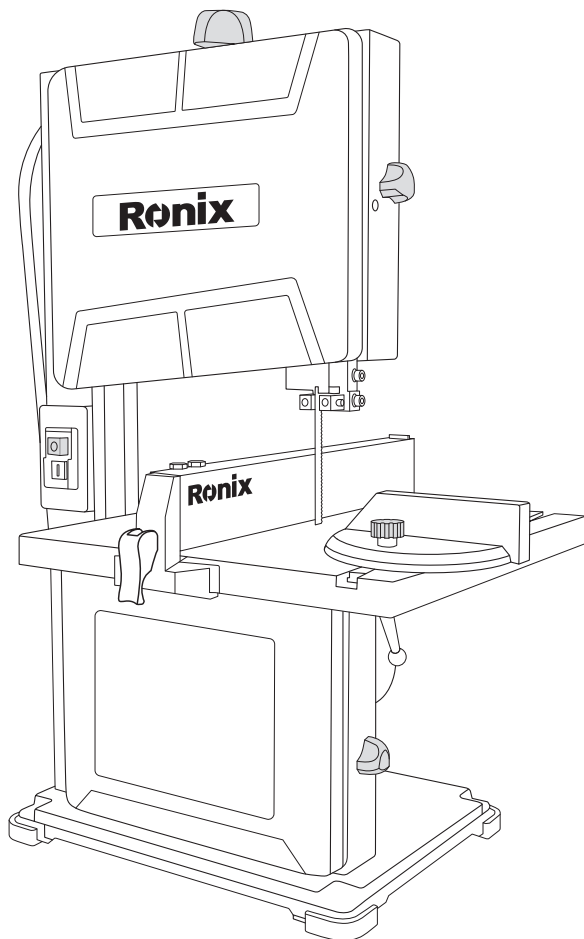


# Ronix<sup>®</sup>

Premium Quality

## **BAND SAW** **5720**

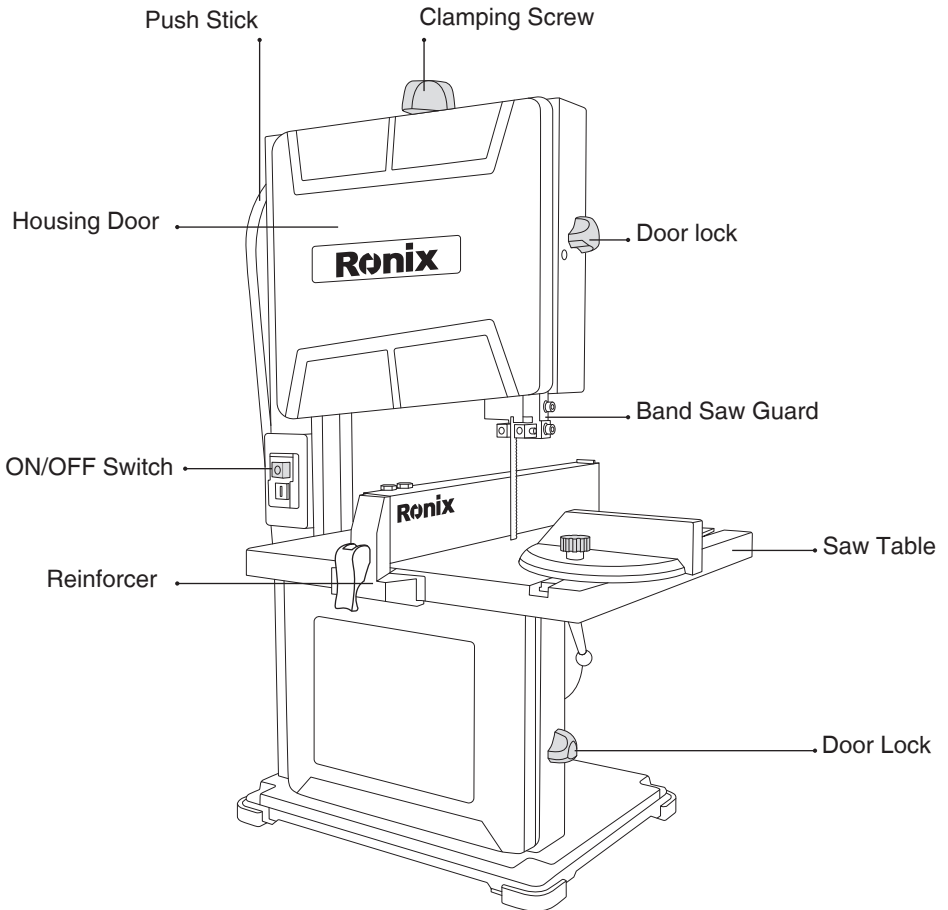




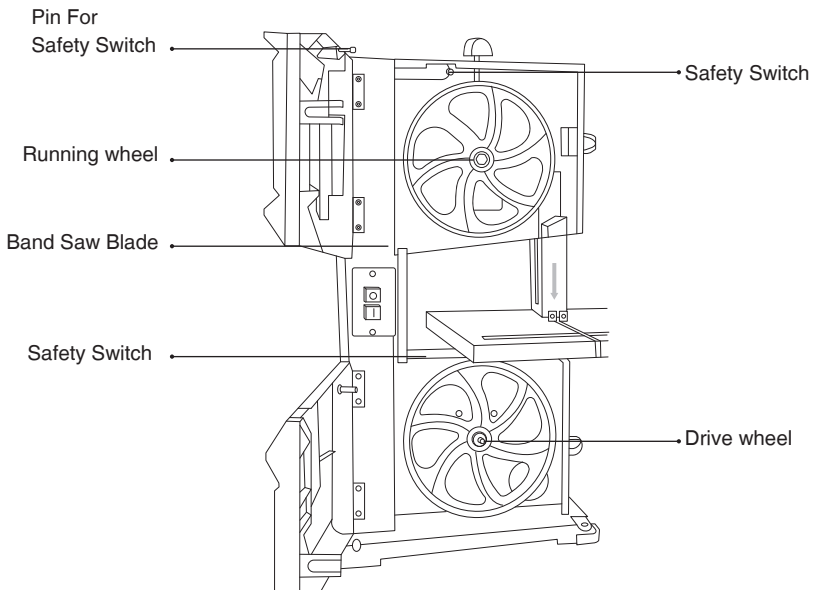
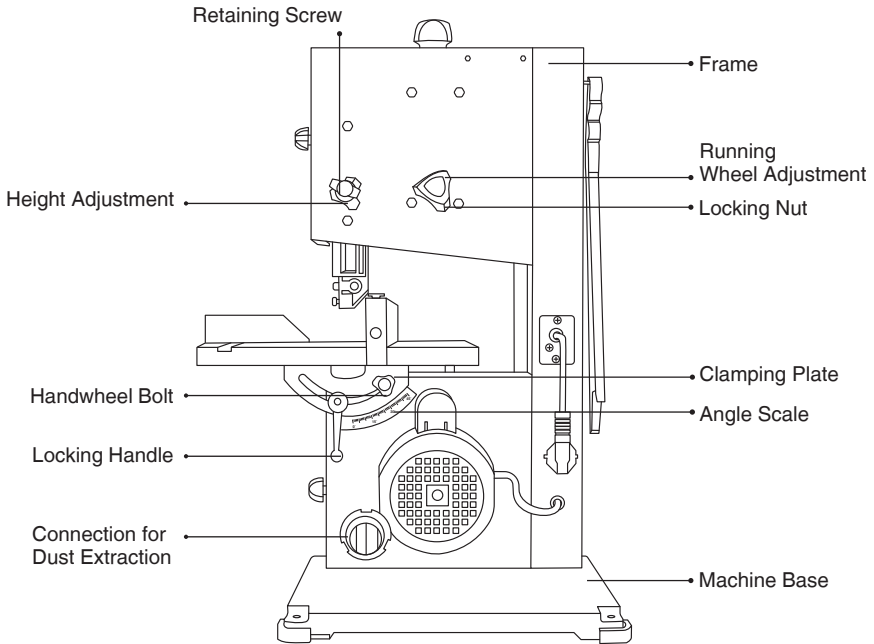
## TECHNICAL SPECIFICATION

Model	<b>5720</b>
Motor Power	350W
Motor Type	Induction motor
Voltage	220-240V
Frequency	50-60Hz
No-Load Speed	1500RPM
Total Length	485mm
Total Height	675mm
Work Table Size	300×300mm
Tilt Range	0-45 degree
Blade Width	6.35mm
Blade Thickness	0.35mm
Blade Size	1400mm
Blade Material	65mn
Band Wheel	200mm
Cutting Depth	80mm
Cutting Size	200mm
Cutting Capacity	@ 45°: 50mm
	@ 0° : 80mm
Drive	motor shaft
Saw Dust Diameter	φ40mm
Table Material	Q235A steel
Weight(N.W)	15.9Kg
Includes	1pc Push Rod 1set Angle Ruler 3pcs wrench (3mm,4mm,5mm)

# PART LIST

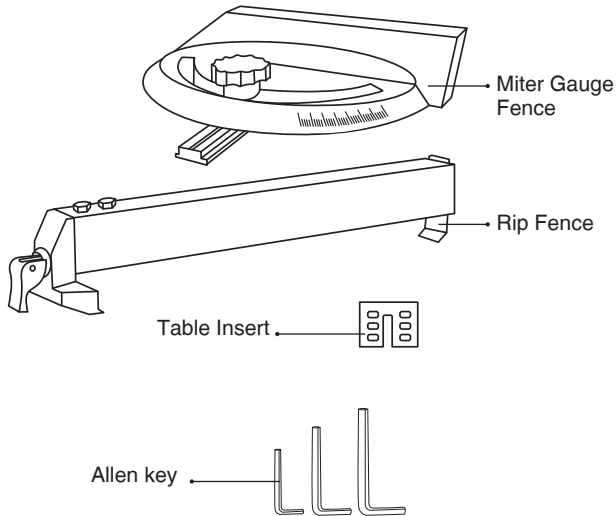


# SYMBOLS



## CONTENTS OF BOX

The following show the symbols used for the equipment. Be sure that



## SYMBOLS



Please read and maintains this manual.



Use hearing protection.



Use a mask.



Use eye protection.



Remove the mains plug before carrying out any adjustments, maintenance or repair work.



Saw band cutting direction.

## 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 tools or battery operated (cordless) power tool.

### **■ WORK AREA SAFETY**

- Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- Don't 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.

### **■ ELECTRIC SAFETY**

- Power tool plugs must match the outlet. Never modify the plug in any way. Don't use any adaptor 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 pipe, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- Don't expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- Don't 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 increased the risk of electric shock.

- When operating a power tool outdoors, use an extension cord suitable for outdoor use. Using a cord suitable for outdoor use will reduce 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.
- Use of power supply via an RCD with a rated residual current of 30mA or less is always recommended.

## ■ PERSONAL SAFETY

- Stay alert, watch what you are doing and use common sense when operating a power tool. Don't 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 energizing 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.
- Don't overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Dress properly. Don't wear loose clothing or jewelry. Keep your hair, clothing, and gloves away from moving parts. Loose cloths, jewelry or long hair can be caught in moving parts.
- If devices are provided for connection of dust extraction and collection facilities, ensure these are connected and properly



used. Use of dust collection can reduce dust-related hazards.

## ■ POWER TOOL USE AND CARE

- Don't 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.
- Don't use the power tool if the switch doesn't 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 don't allow persons unfamiliar with 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 the instruction, 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.

## ■ SERVICE

- Have your power tool serviced by Ronix services qualified repair person. using only identical replacement parts. This will ensure that

the safety of power tool is maintained.

- Follow instruction for lubricating and changing accessories.
- Keep handles dry, clean and free from oil and grease.

## **■ BAND SAWS SAFETY INFORMATION**

Do not operate this tool near highly flammable liquids or gases.

Always Wear protective gloves when handling the band saw blade.

Always wear safety goggles while working.

Always wear a face mask or dust mask.

Never use damaged or deformed saw bands.

Check the band saw carefully for cracks or other damage before use.

Replace a band saw blade immediately if it has cracks or other damage.

use saw blades recommended by Ronix.

Select a suitable band saw blade for the material to be cut.

Only use accessory parts which are recommended in this instruction manual. Using unsuitable accessory parts can lead to injuries.

Make sure that the band saw blade is always sharp and clean so that the noise level is kept to a minimum.

Connect the band saws to a dust extraction device when sawing wood.

Remove spanners, sawdust etc. from the table before switching on the machine.

Allow the tool to warm up for a while load-free before you place the work piece to be machined on the tool.

Pay attention to vibrations and impact Caused by band saw. these phenomena may indicate a damaged or improperly installed band saw.

Do not cut metal objects such as nails or screws. Inspect the workpiece for nails, screws and other foreign materials and, if necessary, remove them before starting work.

Keep hands away from the band saw blade.

Never stand in the cutting direction of the band saw blade and keep all persons away from this area.

Use the push stick against the rip fence when cutting straight pieces

from small workpieces.

When cutting round or unevenly shaped wood, use a suitable holding device that prevents the workpiece from twisting.

Always Lower band saw guard down as close as possible to the workpiece for all cutting procedures.

Do not clean the band saw while it is still running.

When transporting the power tool, the band saw guard must be in the lowest position near the table.

## ■ CONTROLS AND FUNCTIONS

Before working with the machine or making adjustments, familiarize yourself with all the controls and how they function.

### CAUTION!

Danger of cuts and damage! Always lower the band saw guard as closely as possible to the work piece to be sawn. This keeps the band saw covered and helps with the guiding of the blade.

### CAUTION!

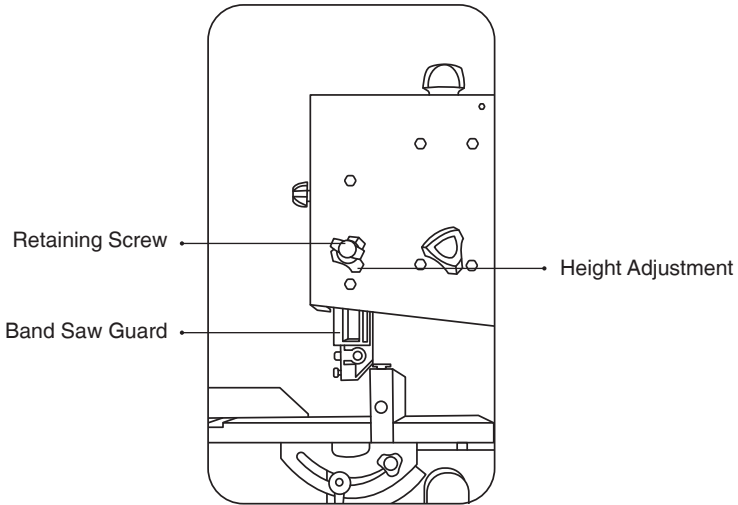
1- Danger of cuts! Never move the band saw guard by hand. Loosen the locking screw of the saw blade guard.

2- Raise or lower the band saw guard by turning the height adjustment (7). Direction of rotation as seen from behind:

 Raising

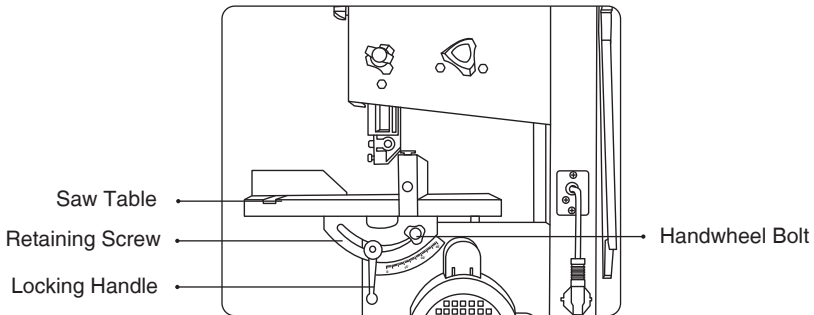
 Lowering

3- Tighten the retaining screw.



## ■ TILTING THE SAW TABLE.

to adjusting Saw table tilt first release locking handle by turning it then unscrew Handwheel bolt. Tilt the saw table by using angle scale shows the inclination after that Tighten the locking handle and the handle screw.



## OPENING THE HOUSING DOOR

### **⚠ WARNING!**

Remove the mains plug from the socket before opening the housing door.

## ▪TURN THE DOOR LOCK.

After a maximum of 2 rotations, the housing door opens slightly. The safety switches interrupt the power circuit.

## ▪CLOSING THE HOUSING DOOR

To Closing the housing door Press and hold the housing door against the frame then Turn the door lock.

## SAFETY DEVICES FUNCTIONS

### **WARNING!**

Risk of injury from damaged equipment equipment and parts must be repaired or replaced professionally by Ronix services.

## OPERATION

### ▪GENERAL INSTRUCTIONS

The following safe working practices are considered to contribute to safety, but may not be appropriate complete to every application and They cannot cover every possible danger.

When working in closed spaces, connect the machine to a dust extraction system.

Never clean the band saw blade or the band saw table with a hand-held brush or screw driver or every tools that may increase risk of injury while the band saw blade is running.

while band saw is off, clean bandsaw blade regularly.

For your personal protection, wear safety goggles and hearing protection when working.

Wears hair net if you have long hair.

Roll up loose sleeves to above the elbows.

Before starting work, all protective and safety devices must be securely mounted on the machine.

When working, always position the band saw guard as close as possible to the workpiece.

Always hold end of the workpiece so that your hands are as far away from the band saw blade as possible.

Always hold the workpiece so that your fingertips point away from the bandsaw.

When the machine is not being used, e.g., when you have finished working, release the tension of the band saw blade. Attach an appropriate note to the machine for the next user, to instruct them how to tension the band saw blade.

Safely fold unused band saw blades and store them in a dry place.

Check saw blade before use. Do not use faulty band saw blades.

Wear protective gloves when handling the band saw blade.

Use the push stick to manually feeding narrow workpieces.

When cutting round or unevenly shaped wood, use a suitable holding device that prevents the workpiece from twisting.

using workpieces longer than saw work table may cause tilting at the end of the cutting operation.

Lower the band saw guard down as close as possible to the workpiece for all cutting procedures.

The workpiece must always be guided with both hands and heels flat on the saw table. This prevents the band saw blade from jamming.

The workpiece must always be fed with even pressure.

When sawing, the workpiece must always be guided by its longest side.

 **CAUTION!**

A push stick must be used when machining narrow workpieces. The push stick must always be kept to hand on the holder on the side of the saw.

 **CAUTION!**

After each new adjustment, we recommend a trial cut in order to check the set dimensions.

## ■ SWITCHING ON AND SAWING

Always inspected the machine for obvious defects, such as safety devices, loosen screws, damaged parts and etc. have remedied the defects.

checked the band saw blade for damage, if it has cracks replaced it.

Insert the machine plug into a wall socket.

Connect the connection for dust extraction to a vacuum cleaner.

First Switch the vacuum cleaner on.

Lower the band saw guard until it is 2 to 3mm above the workpiece.

Switching on and sawing Turn the machine on using the ON/OFF switch. Press the I button.

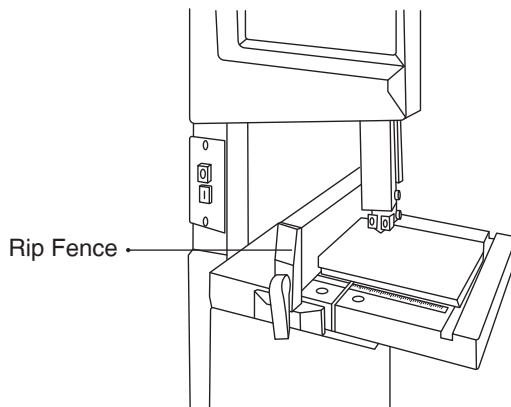
Wait until the band saw blade has reached full speed.

Cut with a uniform forward motion using gentle pressure. Never move the workpiece backwards while the band saw blade is running.

To make changes on the machine for the next cut, Turn the machine off with the ON/OFF switch. Press the O button.

## ■ STRAIGHT CUTS

Always use the rip fence for straight cuts to prevent the workpiece from tilting or slipping.



## ■ MOUNTING THE RIP FENCE

Open the quick release lever of the rip fence.

Push the rip fence from the side onto the saw table.

Move the rip fence on the saw table. Make sure that both scales are set to the same value.

Close the quick release lever of the rip fence.

## ■ ANGULAR CUTS

There are two options for sawing diagonally:

### 1- Sawing with a tilted saw table

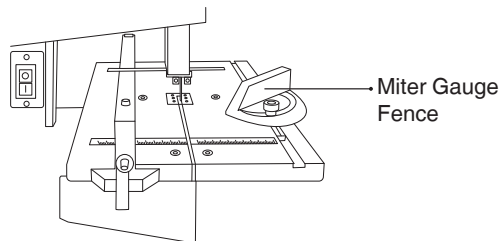
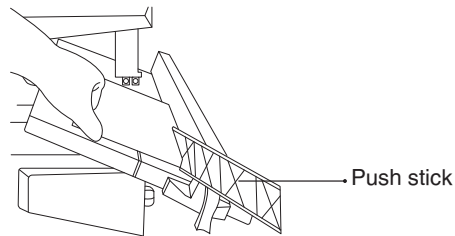
Set the miter gauge fence to the desired angle.

Slide the rail of the miter gauge fence into the guide on the saw table. While the machine is switched off, check that the guide is completely inside the rail. If possible, attach the rip fence to the left side of the saw table.

### 2- Sawing with a tilted saw table

Set the saw table to the desired inclination.

If possible, attach the rip fence to the right side of the saw table. This will prevent the workpiece from slipping.





## CURVED CUTS

### CAUTION!

Your fingers are particularly at risk when cutting curves! Take special care. Remove the rip fence and the miter gauge fence.

Use an auxiliary template for executing repeat curved, irregular cuts. When making curved and irregular cuts in the workpiece, push the workpiece evenly forward using both hands, with your fingers closed. Keep your hands in the safe area when holding the work-piece.

## ENDING THE OPERATION

Turn the machine off with the ON/OFF switch. Press the O button. Wait for the band saw blade to come to a complete standstill.

Pull out the mains plug.

Release the tension of the band saw blade. its help to improve the band saw blade lifetime.

Clean the machine.

## CLEANING AND STORAGE

### WARNING!

Electric shock! Remove the mains plug before carrying out any adjustments, maintenance or repair work.

### CAUTION!

Risk of burn injury! Allow the machine to cool off before any maintenance or cleaning is undertaken.

### WARNING!

Cutting injuries! Wear cut-resistant gloves when working with the band saw.

Keep the ventilation slits, motor housing of the machine clean. Use a

dry cloth or brush to do this.

Clean the band saw guard with a brush or by blowing out with compressed air.

## **CLEANING THE INSIDE OF THE MACHINE**

Open both housing doors.

Open the cover of the band saw blade on the band saw guard.

Remove the sawdust with a brush or by blowing out with compressed air.

Close both housing doors.

## **■ ADJUSTING THE POSITION OF THE BAND SAW BLADE**

Pull out the mains plug.

Use hand protection.

Open the housing doors and band saw guard, then you can move the band saw blade by turning the drive wheel or running wheel.


Adjusting the position of the band saw blade on the running wheel and drive wheel Set point: The band saw blade runs as centrally as possible on the drive wheel and the running wheel. The band saw blade must not run outside the black tires.

Loosen the locking nut of the running wheel adjustment.

Turn the running wheel while making the adjustment.

Direction of rotation as seen from behind:

 Running wheel to the rear

 Running wheel to the front

Check the position of the band saw blade on the drive wheel. If it is no longer running in the middle, then reduce the setting slightly.

Turn the running wheel a few more revolutions, observe the position of the band saw blade. Adjust if necessary.

At the end secure the running wheel adjustment with the locking nut.

Close the upper housing door.

## **CHANGING THE SAW BLADE**

If you have difficulty mounting the band saw blade, call a qualified person.

Only use Ronix saw blades that, suitable for your band saw.

Open both housing doors

Remove one screw of the reinforcer and loosen the second screw.

Lower the band saw guard all the way down.

Open the cover of the band saw blade on the band saw guard.

Use the safety gloves.

Release the tension of the band saw blade, then remove the band saw blade.

For installing new saw blade Follow the steps above.

Refer to adjusting the position of the band saw blade section.

At the end close both housing doors.

## **■STORAGE**

Store the device and its accessories in a dark, dry and frost proof place that is inaccessible to children. The optimum storage temperature is between 5° and 30°C.

Store the electrical tool in its original packaging.

Cover the electrical tool in order to protect it from dust and moisture.

Store the operating manual with the electrical tool.

## ■ TROUBLESHOOTING

Problem	Possible cause	Error Correction
Machin Doesn't Start	No Main Power Supply	Check The Socket, No Connection Cable, Plug And Fuse And Have Them Repaired By Qualified Electrician If Necessary
	Is (30) On/Off Switch Broken	Contact The Service Center
	Defective Motor	Contact The Service Center
Machine Works With Interruptions	Internal Loose Contact	Contact The Service Center
	Is (30) On/Off Switch Broken	Contact The Service Center
Poor Sawing Performance	Band Saw Blade Blunt	See Changing The Band Saw Blade
	Pressure Of Workpieces Against Band Saw Blade Too High Or Too Low	Adjust Pressure
Saw Blade Quickly Becomes Blunt	Band Saw Blade Unsuitable For The Workpieces To Be Worked On	Insert A Suitable Band Saw Blade
	To Much Pressure Applied	Reduce The Pressure
Belt Stuck In Workpieces	Belt Too Loose	See Checking And Adjusting The Tension Of Band Saw Blade

# BAND SAW





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