


BORMANN
BBS1210
Table Jigsaw



BORMANN BBS1210 Table Jigsaw Instruction Manual

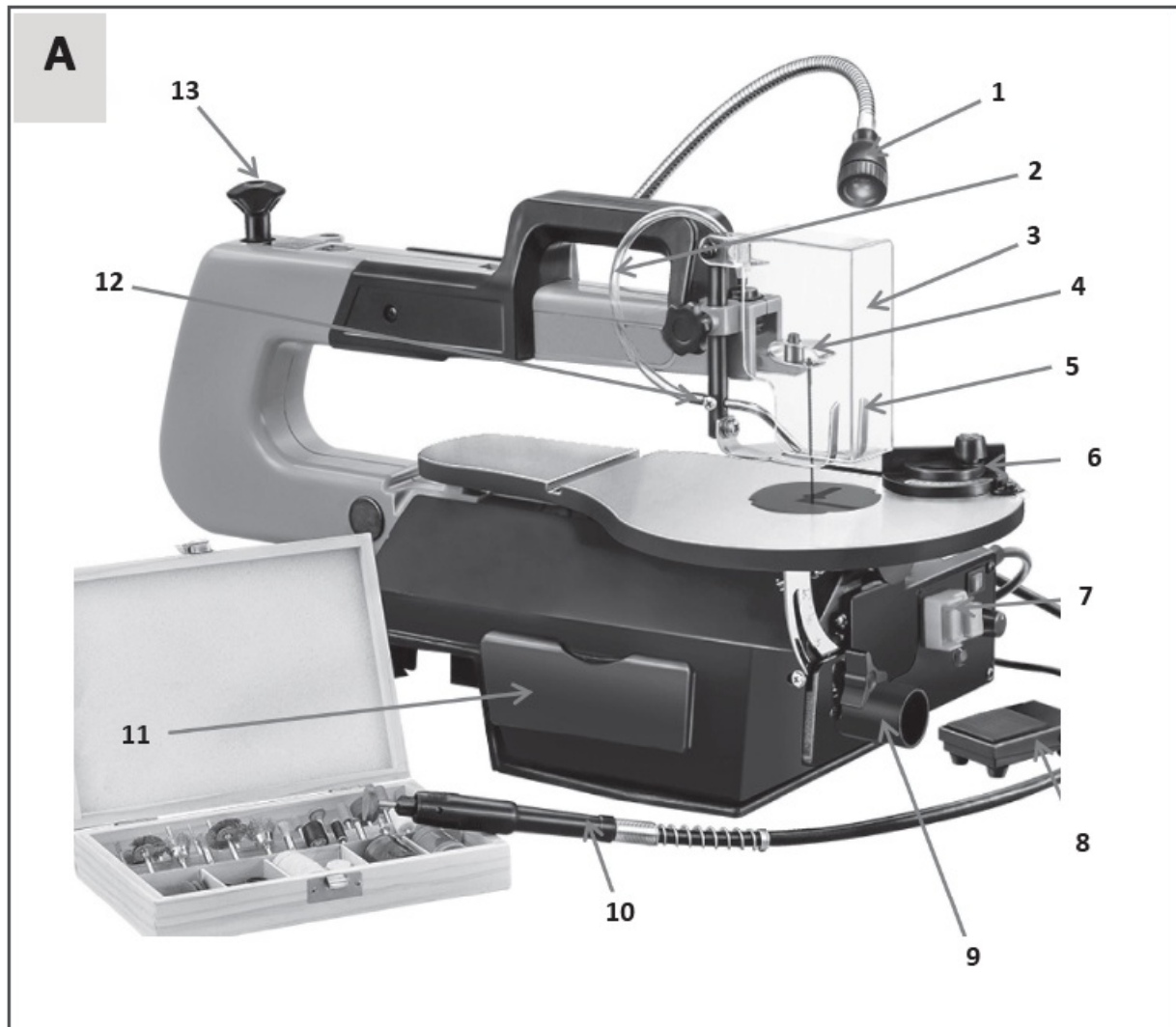
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BORMANN BBS1210 Table Jigsaw



Safety Instructions

WARNING: Do not attempt to operate the machine until you have read thoroughly and understood completely all instructions, rules, etc. contained in this manual. Failure to comply may result in accidents involving fire, electric shock, or serious personal injury. Keep this owner's manual and review frequently for continuous safe operation.

1. Know your machine. For your own safety, read the owner's manual carefully. Learn its application and limitations, as well as specific potential hazards pertinent to this machine.
2. Make sure all tools are properly earthed.
3. Keep guards in place and in working order. If a guard must be removed for maintenance or cleaning, make sure it is properly replaced before using the machine again.
4. Remove adjusting keys and spanners. Form a habit of checking to see that the keys and adjusting spanners are removed from the machine before switching it on.
5. Keep your work area clean. Cluttered areas and workbenches increase the chance of an accident.
6. Do not use in dangerous environments. Do not use power tools in damp or wet locations, or expose them to rain. Keep work areas well illuminated.
7. Keep children away. All visitors should be kept a safe distance from the work area.
8. Do not force the machine. It will do the job better and be safer at the rate for which it is designed.
9. Use the right tools. Do not force the machine or attachments to do a job for which they are not designed. Contact the manufacturer or distributor if there is any question about the machine's suitability for a particular task.
10. Wear proper apparel. Avoid loose clothing, gloves, ties, rings, bracelets, and jewellery which could get caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair.
11. Always use safety glasses. Normal spectacles only have impact resistant lenses. They are not safety glasses.
12. Do not over-reach. Keep proper footing and balance at all times.
13. Maintain the machine in good condition. Keep the machine clean for best and safest performance. Follow instructions for lubrication and changing accessories.
14. Disconnect the machine from power source before servicing and when changing the blade.
15. Never leave the machine running unattended. Turn the power off. Do not leave the machine until it comes to a complete stop.
16. Do not use any power tools while under the effects of drugs, alcohol or medication.
17. Always wear a face or dust mask if operation creates a lot of dust and/or chips. Always operate the tool in a well ventilated area and provide for proper dust removal. Use a suitable dust extractor.

- Risk of injury: Never reach into a moving part
- Always wear eye protection
- Always wear hearing protection
- Always wear a dust mask

Technical Data

- Voltage / frequency: 230 V / 50 Hz
- Power: 90 W
- Max. cutting width: 406 mm
- Max. cutting depth: 50 mm
- Speed: Blade: 550 ~ 1600 spm
- Flexible shaft: 1650 ~ 4800 rpm
- Table adjustment: 0 – 45°

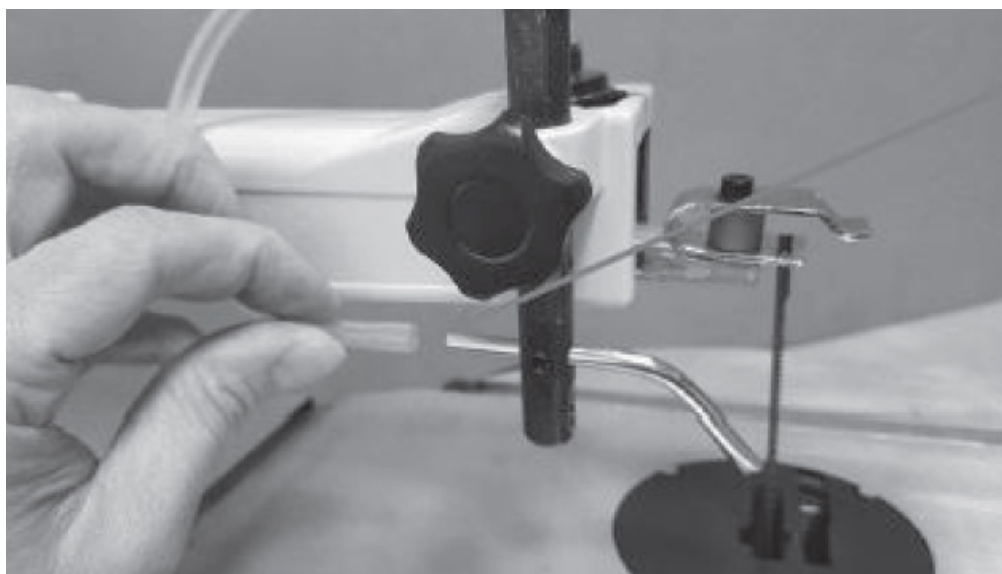
Description of main parts (Picture A)

1. LED light
2. Height adjuster
3. Guard
4. Upper blade holder
5. Hold down foot
6. Mitre fence
7. ON/OFF switch
8. Foot switch
9. Dust extraction outlet 35mm diameter
10. Flexible drive
11. Blade storage
12. Air blower
13. Blade tension regulator

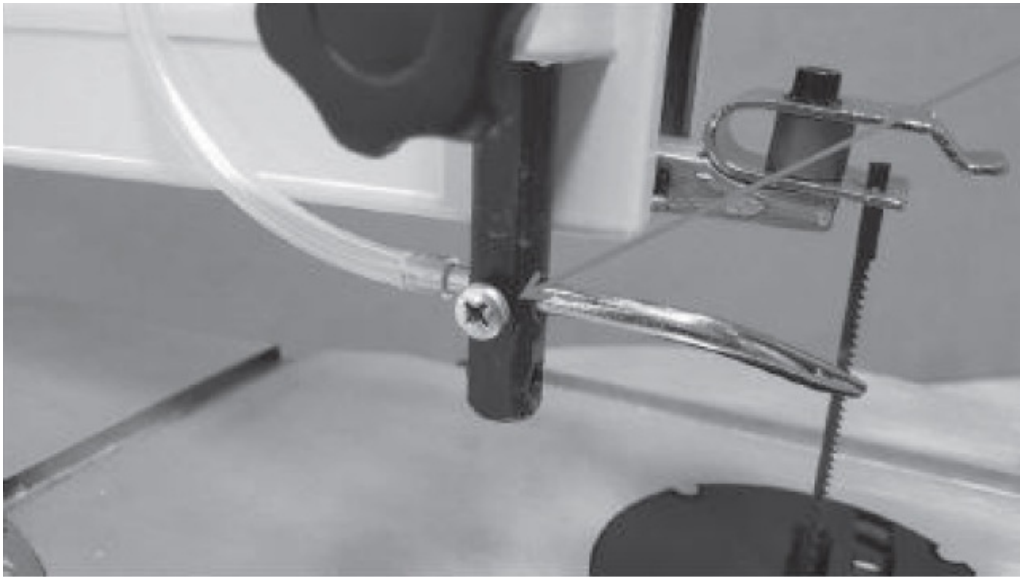
Assembly instructions



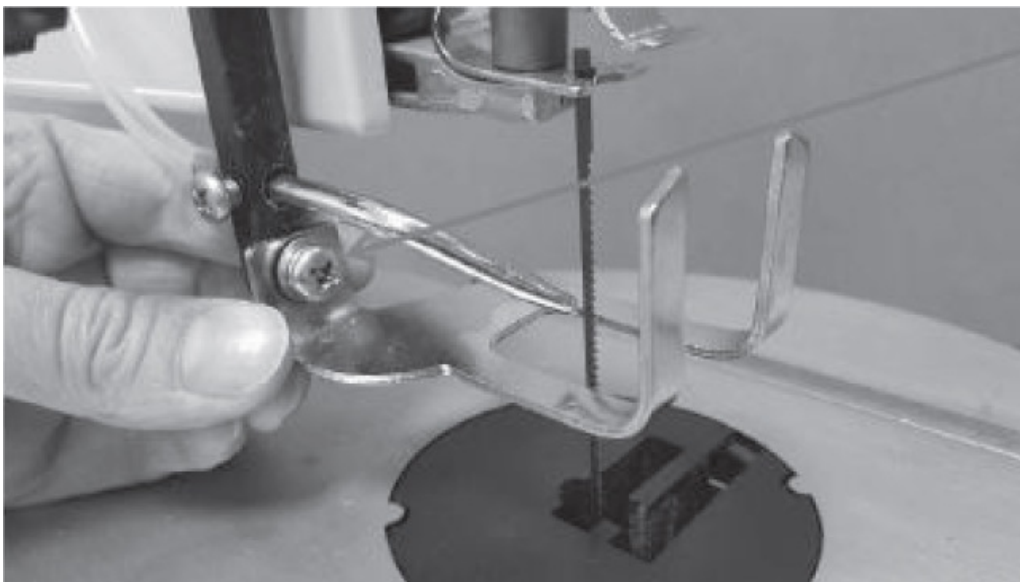
Attach the air pipe to the top of the bellows.



Attach the air pipe to the metal tube.



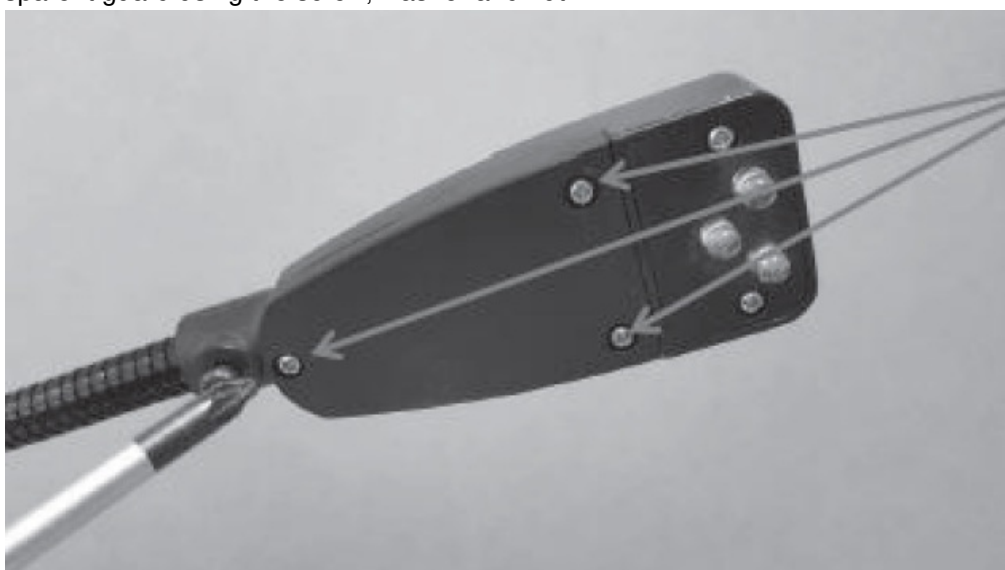
Fix the metal tube in place, with the nozzle pointing down to the middle, using the phillips screw.
CAUTION! DO NOT OVER-TIGHTEN AS THIS CAN CRUSH THE PIPE



Attach the hold down foot using the screw making sure it is parallel to the table.



Attach the transparent guard using the screw, washer and nut.



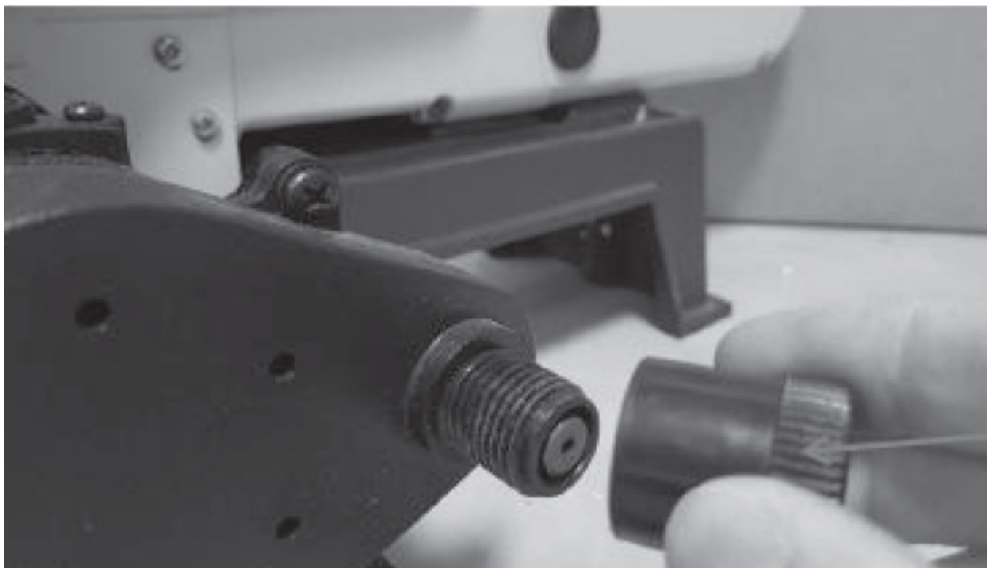
Undo the three small screws on the light cover and put in a safe place.



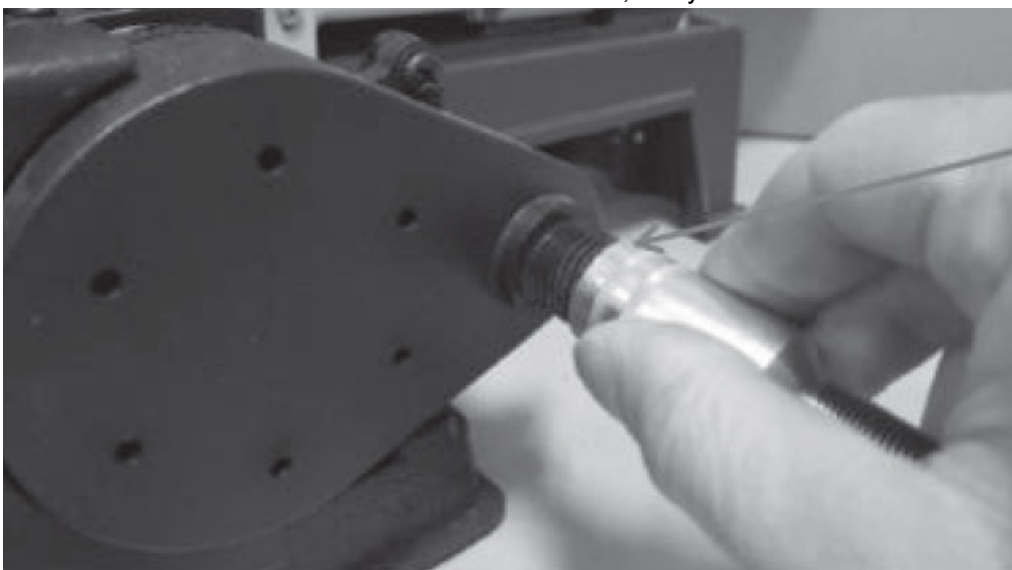
Fit the two batteries provided ensuring they are the correct way around. Replace the cover and refit the screws.



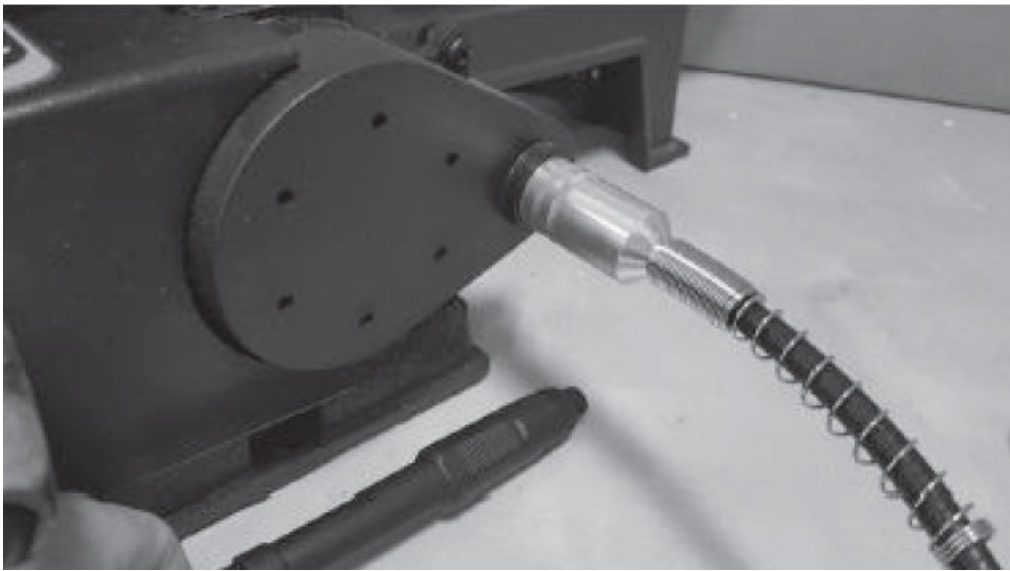
Put your spare blades in the storage box on the left hand side of the scroll saw.



ONLY ATTACH THE FLEXIBLE SHAFT WHEN YOU INTEND TO USE IT. WHEN NOT IN USE LEAVE THE PLASTIC THREADED COVER IN PLACE. To use the flexible drive, firstly remove the cover.



Locate the power take off. Insert the drive shaft into the hole and then screw the outer cap onto the outlet by hand.



THE FLEXIBLE SHAFT ONLY NEEDS TO BE HAND TIGHTENED.



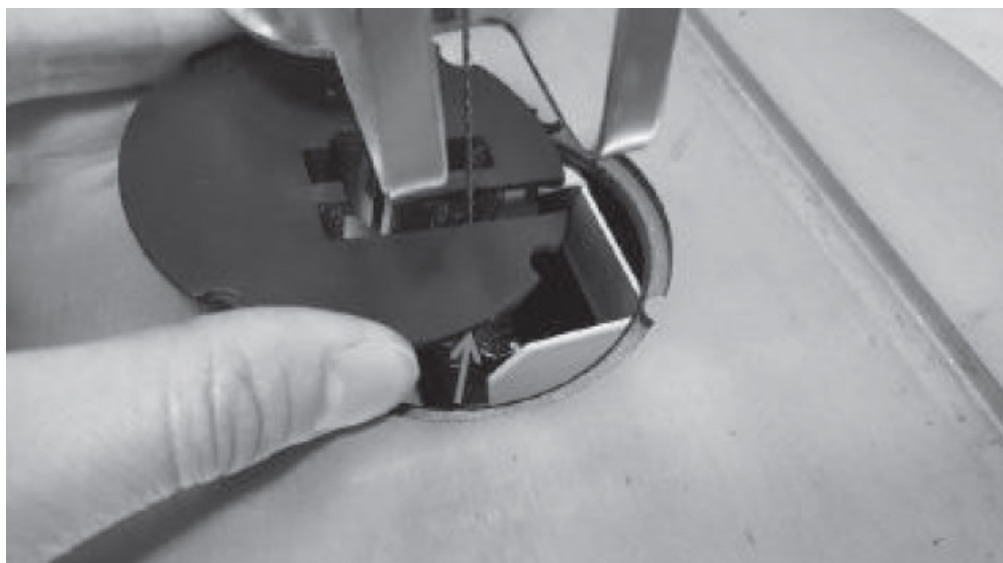
It is normal for scroll saws to create a lot of vibration. Fixing the saw down to a heavy duty work bench is recommended. Some people also find using a vibration absorbing mat helps. There are three bench mounting point provided.



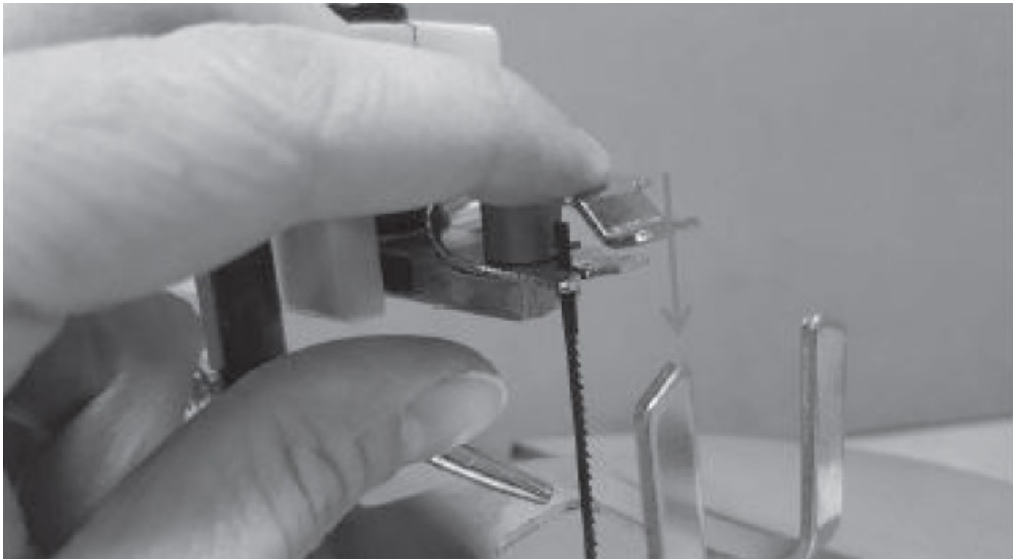
Plain end type blade Pin end type blade



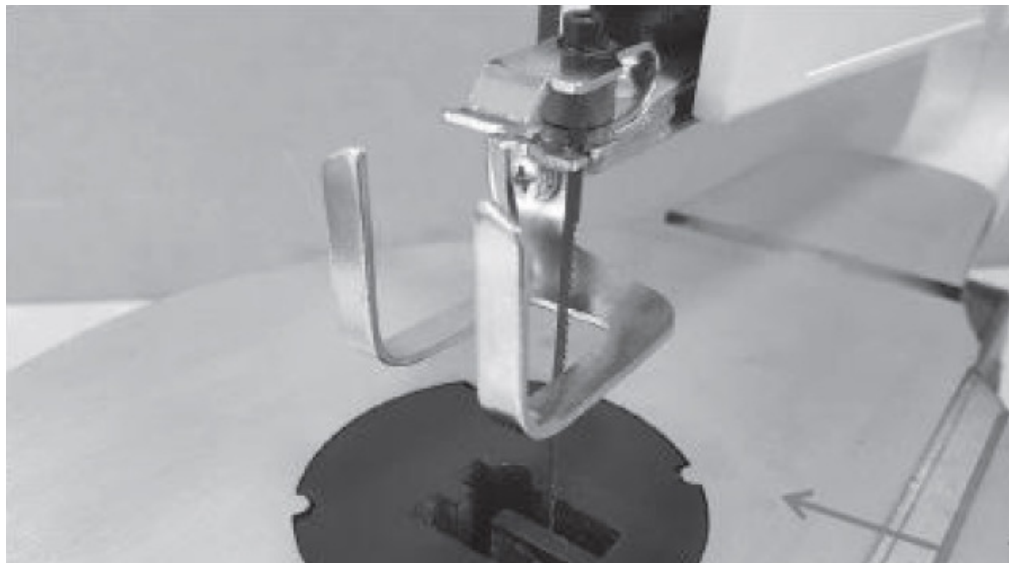
- Using pin end blades
- The pin type blade simply hooks over the upper and lower blade holder.
- Make sure the pins sit in the indentation.
- Pin type blades are quick and easy to change, but are not available in very narrow widths for making the most intricate cuts.
- To fit the blade: Remove the table insert by pressing upwards from underneath the table



Turn the blade tension knob counterclockwise to decrease it.



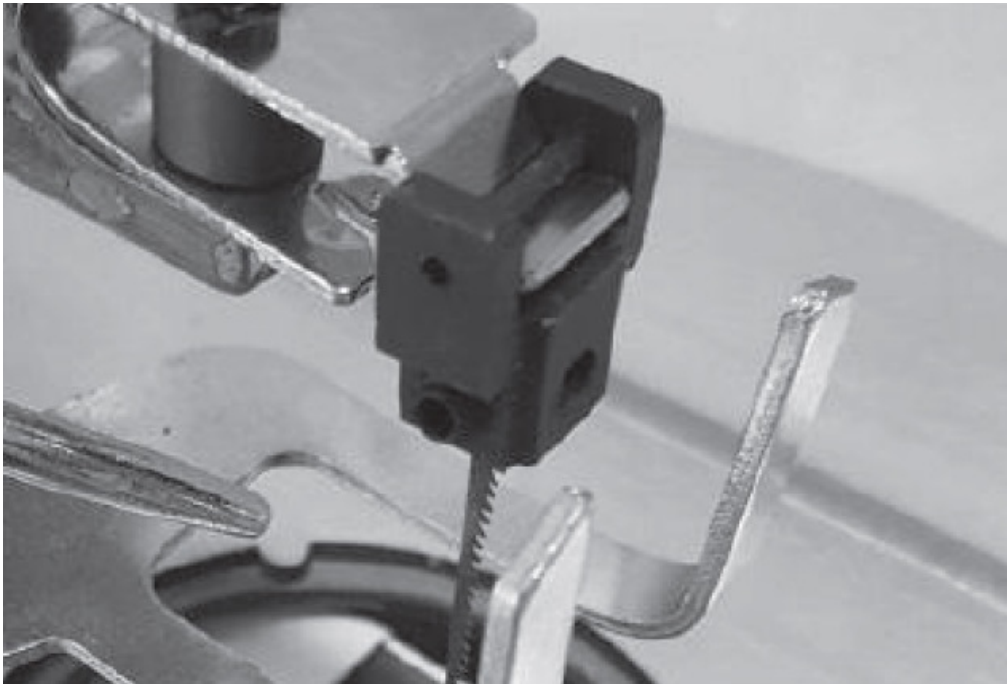
- Hook the lower pin over the lower blade holder.
- Press down lightly on the upper blade holder and hook the upper pin over the upper blade holder.
- Replace the table insert and lower the blade tension lever.
- To remove the blade, follow these instructions in reverse.



- **Alternate fitting:**
- The pin type blade can also be used in the sideways position as shown.
- Feed direction will be right to left.
- This option allows cuts to be made in materials longer than 400mm (16") in length.

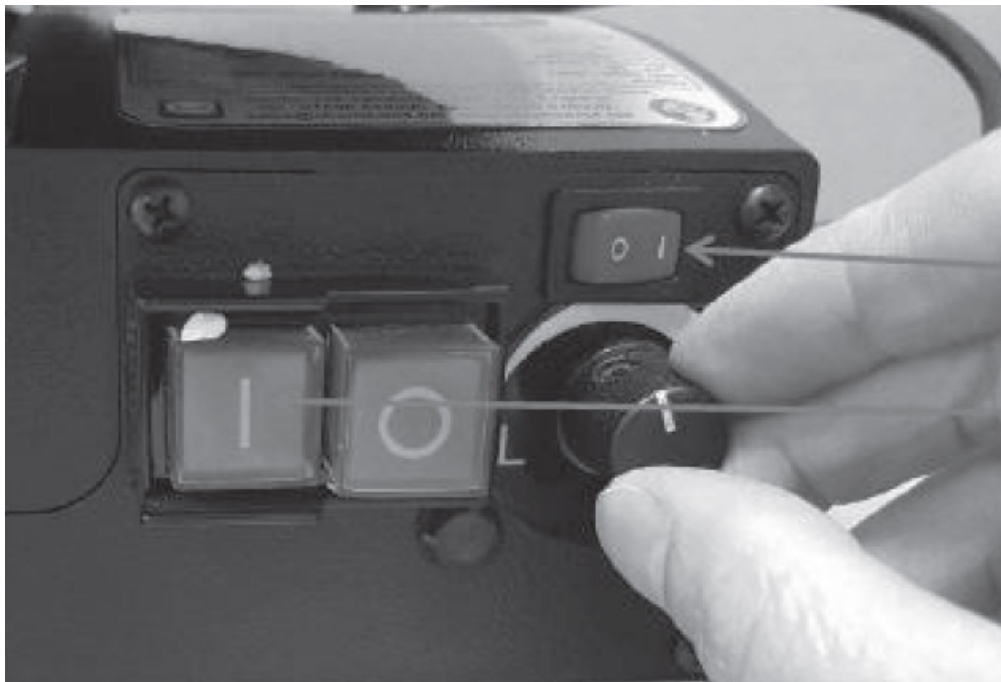


Using plain end blades To set the blade clamps onto plain end blades, use the setting jig located on the top arm. Loosen the grub screws on either side of the clamps then slot a new blade into each end. Tighten up the grub screws to hold the blade in place making sure it is held centrally.



- **Take off the blade tension.** Hook the blade clamp onto the lower blade holder (may be easier using a hand under the table). Once the lower clamp is in place, press down the top arm so that you can hook the top holder into place. Refit the table insert plate. Follow the blade tensioning instructions as for pin end blades.

Operating instructions



- **A suitable dust extractor should always be used.**
- There are two ways to control the scroll saw: The control panel or The foot switch
- To use the control panel: Set the red rocker switch to position labelled 'I' Press the green 'On' button labelled 'I' The red light will illuminate and saw will start. Set the desired speed by turning the speed dial. Clockwise to increase the speed and anti-clockwise to decrease the speed.



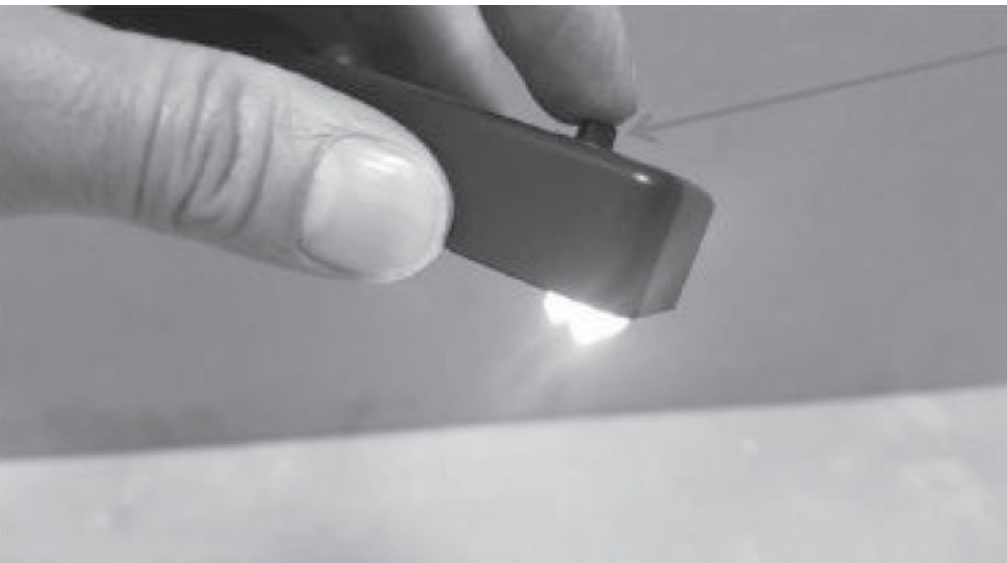
- **To use the foot switch:**
- Set the red rocker switch to position labelled 'O'
- Press the green 'On' button labelled 'I'
- The red light will illuminate but the saw will not start.



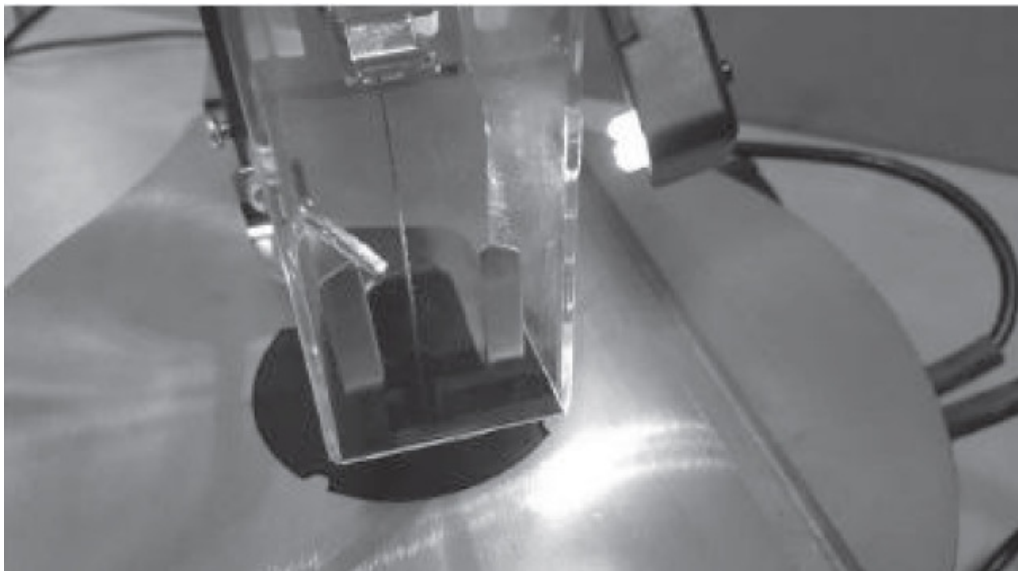
- To start the saw, press down on the foot switch. The blade will move at the set speed. Using the foot switch allows both hands to be used to guide the work piece and the convenience of stopping and starting without taking your hands off.



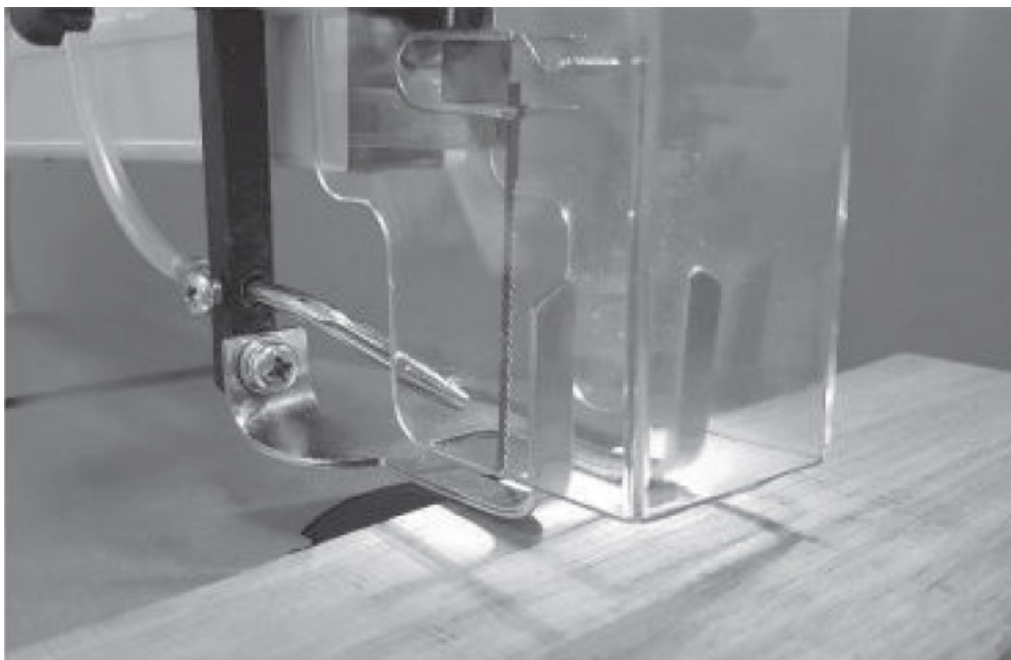
- The speed can be changed at any time by turning the speed dial. Clockwise to increase the speed and anti-clockwise to decrease.



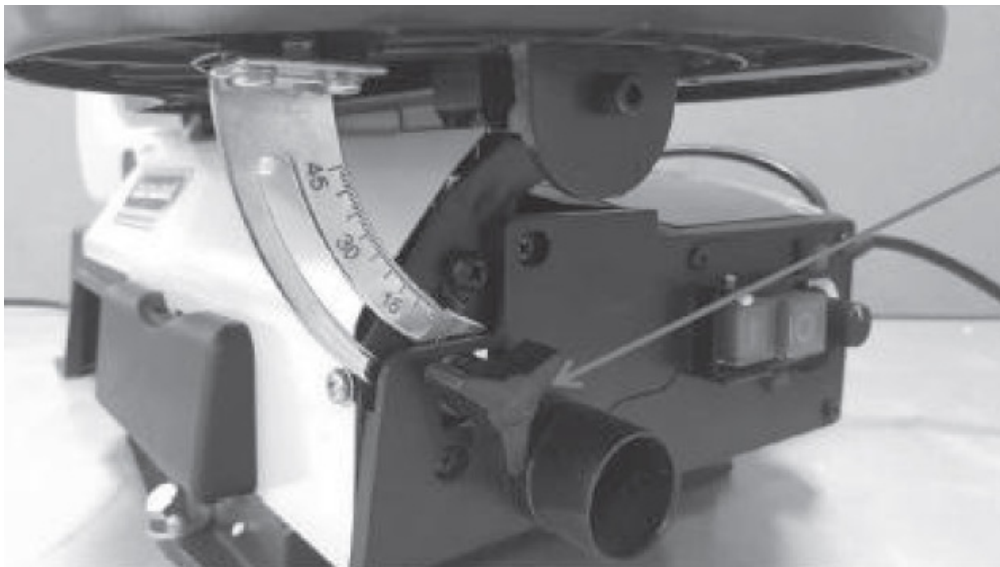
- The scroll saw is fitted with a battery powered light which can be turned on using the switch on the top.
- The light is on a flexible arm and can be adjusted so that it shines onto the work piece.



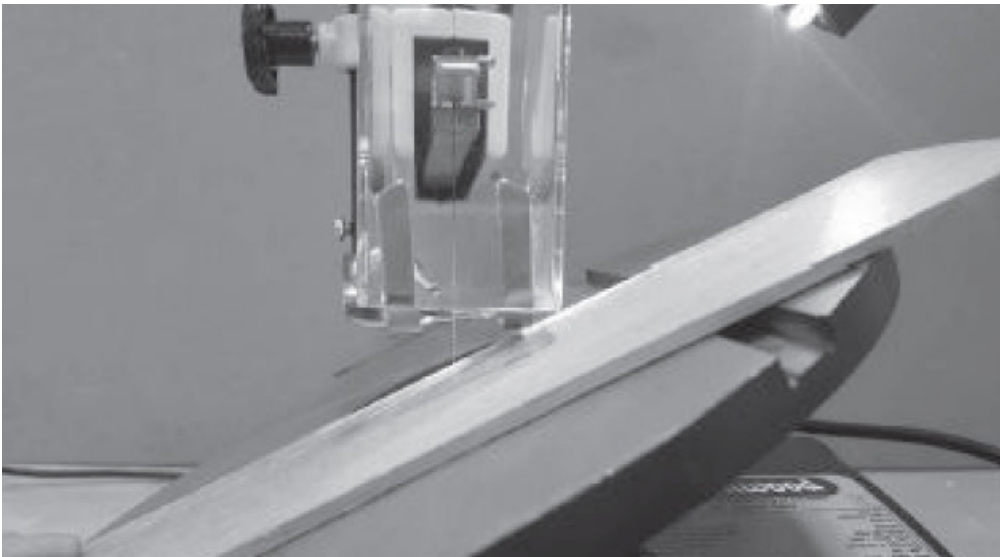
- The light is on a flexible arm and can be adjusted so that it shines onto the workpiece



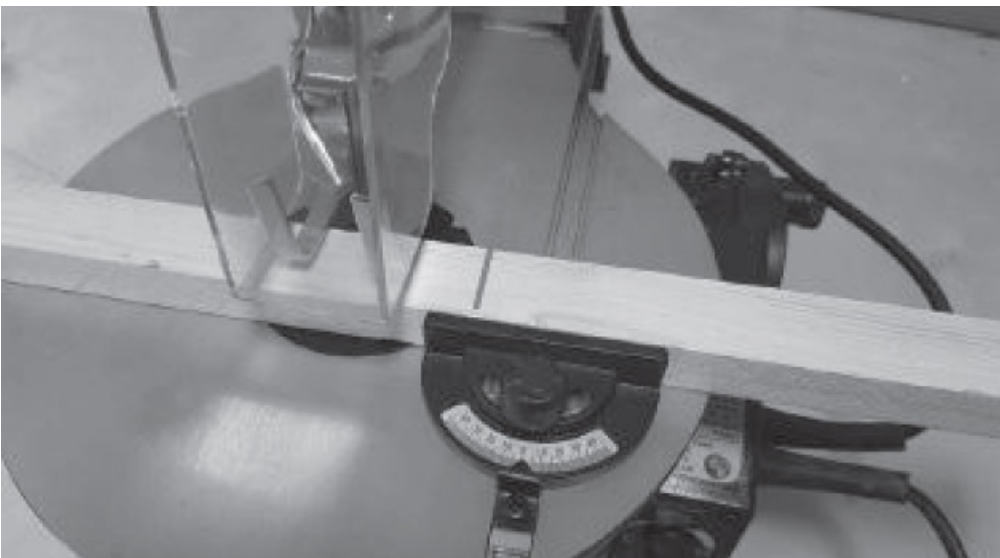
- **Regular Cutting**
- Lower the hold down foot so that it is just above the height of the wood to be cut. It prevents the work piece lifting off the table during the upstroke of the blade.
- Adjust the air blower so that it is pointing down at the cutting area. This enables a clearer view of the cut, particularly useful when following pencil lines.



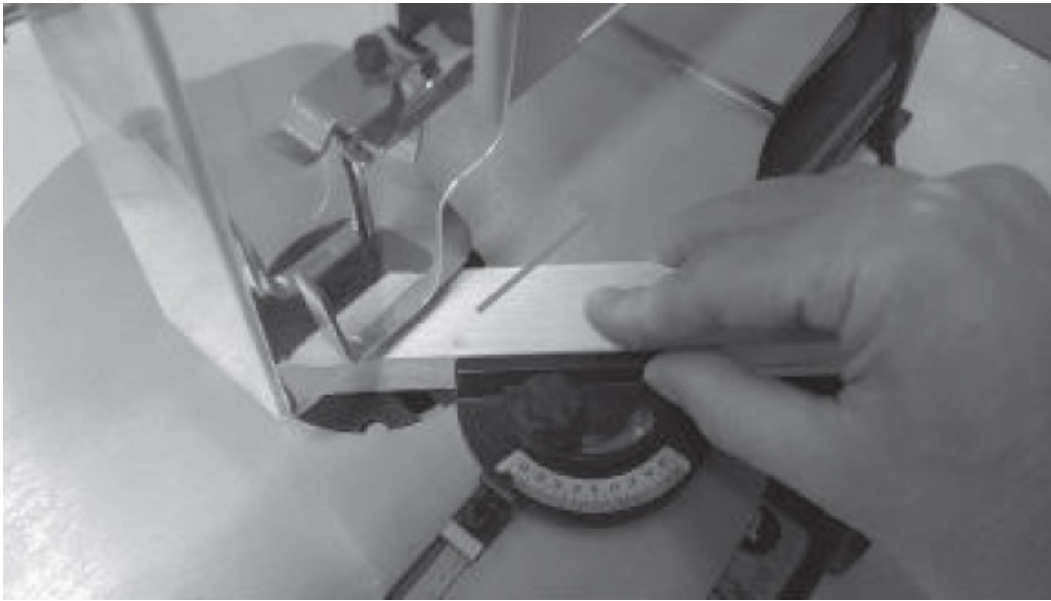
- **Bevel Cutting** To adjust the angle of the work table slacken off the knob.



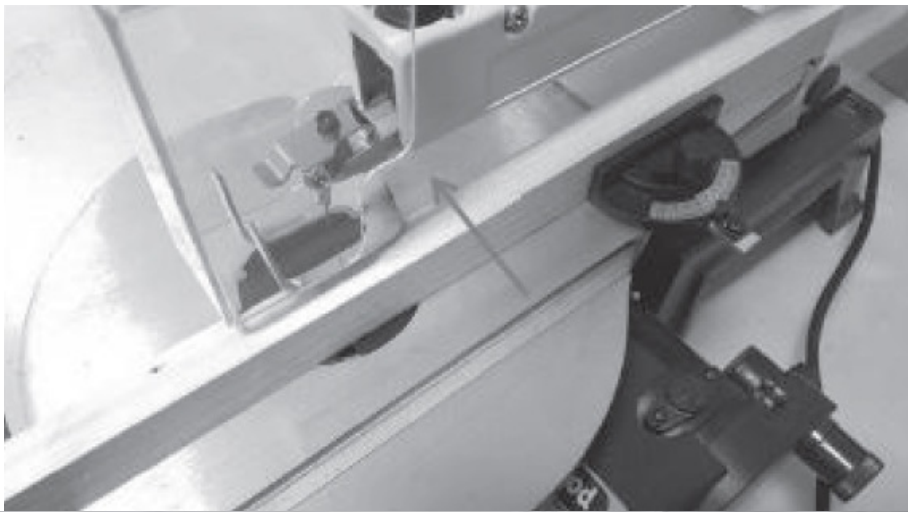
- Tilt the table to the desired angle and tighten the locking knob.



- **Mitre Cutting** A mitre guide is provided to allow straight cuts on small pieces of timber.



- The mitre guide can be set up to a 45 degree angle for performing mitre cuts.





- With the pin type blade set in the sideways position the mitre guide can be used in the rear table slot.
- **Using the Flexible shaft**
- When using the flexible shaft ensure the blade guard on the scroll saw is fully down – the blade will still be moving.
- **To fit a tool into the flexible shaft:** Insert the spindle lock tool into the hole in the outer case of the spindle to stop the spindle rotating.
- Put the chosen tool into the collet.
- Use the spanner to tighten the collet.
- **Caution: DO NOT OVER-TIGHTEN**
- Various flexible drive accessories are supplied for sanding, polishing, grinding and shaping operations.
- They can be used on wood, metal and plastics.
- ALWAYS REMOVE THE FLEXIBLE SHAFT FROM THE SCROLL SAW WHEN NOT IN USE

Cleaning, maintenance and storage

Warning! Prior to any adjustment, maintenance or service work disconnect the mains power plug! Wipe chips and dust off the machine from time to time using a cloth.

When cleaning the plastic do not use corrosive products.

Cleaning

- Keep all safety devices, air vents and the motor housing free of dirt and dust as far 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.
- Clean the equipment regularly with a moist cloth and some mild soap. Do not use cleaning agents or solvents; these could attack the plastic parts of the equipment. Ensure that no water can seep into the device. The ingress of water into an electric tool increases the risk of an electric shock.

Maintenance

- There are no parts inside the equipment which require additional maintenance.


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.
- Cover the electrical tool in order to protect it from dust and moisture.
- Store the operating manual with the electrical tool.

Disposal and recycling

- The equipment is supplied in packaging to protect it from being damaged in transit. The raw materials in this packaging can be reused or recycled. The equipment and its accessories are made of various types of material, such as metal and plastic. Defective components must be disposed of as special waste. Ask your dealer or your local council.
- The manufacturer reserves the right to make minor changes to product design and technical specifications without prior notice unless these changes significantly affect the performance and safety of the products. The parts described / illustrated in the pages of the manual that you hold in your hands may also concern other models of the manufacturer's product line with similar features and may not be included in the product you just acquired.
- To ensure the safety and reliability of the product and the warranty validity, all repair, inspection or replacement work, including maintenance and special adjustments, must only be carried out by technicians of the authorized service department of the manufacturer.
- Always use the product with the supplied equipment. Operation of the product with non-provided equipment may cause malfunctions or even serious injury or death. The manufacturer and the importer shall not be liable for injuries and damages resulting from the use of non-conforming equipment.

Documents / Resources

	<p>BORMANN BBS1210 Table Jigsaw [pdf] Instruction Manual BBS1210, 034353, BBS1210 Table Jigsaw, BBS1210, Table Jigsaw, Jigsaw</p>
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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