



**TSB-0808U**

**GB Safety instructions  
Bench-type circular saw**

**3** YEAR REPLACEMENT WARRANTY



## Important notes

### Safety information

#### **⚠ Danger!**

#### **Read all safety regulations and instructions.**

Any errors made in following the safety regulations and instructions may result in an electric shock, fire and/or serious injury.

#### **Keep all safety regulations and instructions in a safe place for future use.**

**Danger!** Whenever you use electric tools it is imperative to take basic safety precautions in order to reduce the risk of fire, electric shock and personal injury. Essential safety precautions include:

1. Keep your work area tidy!
  - An untidy work area invites accidents.
2. Check the working conditions!
  - Do not expose electric tools to rain.
  - Never use electric tools in damp or wet locations.
  - Make sure there is good lighting.
  - Do not use electric tools near flammable liquids or gases.
3. Guard against electric shock!
  - Avoid bodily contact with earthed parts (e.g. pipes, radiators, cookers and refrigerators).
4. Keep other persons away!
  - Do not allow other persons, particularly children, to touch the tool or cable. Keep all persons out of your work area.
5. Store tools in a safe place!
  - When tools are not in use they should be stored in a dry, elevated or locked position out of children's reach.
6. Do not overload your tools!
  - Tools work better and safer when used within their quoted capacity range.
7. Use the right tool!
  - Never use tools or attachments with insufficient power for the job in hand.
  - Never use tools on jobs for which they were not intended. For example, do not use a hand-held circular saw to cut down trees or lop off branches.
8. Wear suitable work clothes!
  - Do not wear loose clothing or jewelry as they may get caught in moving parts.
  - Non-slip shoes are recommended when working outdoors.
  - Wear a hair net if you have long hair.
9. Use personal safety equipment!
  - Wear safety goggles
  - Use a dust mask when working on dusty jobs
10. Connect up a vacuum extraction system!
  - If there are provisions for connecting up a vacuum extraction system, make sure that such a system is fitted and being used correctly.
11. Do not mis-use the cable!
  - Do not carry the tool by its cable or pull on the cable to remove the plug from the socket-outlet. Protect the cable from heat, oil and sharp edges.
12. Secure your workpiece!
  - Use clamps or a vise to hold the workpiece securely. This is safer than using your hand and will enable you to operate the machine with both hands.
13. Avoid abnormal working postures!
  - Make sure you stand squarely and keep your balance at all times.
14. Look after your tools!
  - Keep your tools sharp and clean for better and safer performance.
  - Follow the instructions for maintenance work and for changing any attachments.
  - Check the plug and cable regularly and, if damaged, have them replaced by an authorized specialist.
  - Check the extension cable regularly and replace it if damaged.
15. Always pull out the power plug:
  - When the tool is not being used, before carrying out any maintenance work and when changing attachments such as blades, bits and cutters of any kind.
16. Remove adjusting keys and wrenches!
  - Make sure that all keys and adjusting wrenches are removed from the tool before switching it on.
17. Avoid unintentional starting!
  - Make sure that the switch is in OFF position when inserting the power plug.
18. When using an extension cable outdoors:
  - Check that it is approved for outdoor duty and is marked accordingly.
19. Be alert at all times!
  - Watch what you are doing. Use common sense. Do not operate the tool if your mind is not on your work.
20. Check the tool for damage!
  - Each time before re-using the tool, carefully check that the guards or any slightly damaged parts are working as intended.
  - Check that the moving parts are in good

- working order, that they do not jam, and that no parts are damaged. Make sure that all parts are fitted correctly and that all other operating conditions are properly fulfilled.
- Unless otherwise stated in the operating instructions, damaged guards and parts have to be repaired or replaced by an authorized service center.
  - Have damaged switches replaced by a customer service workshop.
  - Never use any tool if its switch cannot be turned off and on.
21. **IMPORTANT!**
    - The use of any accessory or attachment other than those recommended may involve a risk of injury for you personally.
  22. Have repairs carried out only by a qualified electrician!
    - This electric tool complies with the pertinent safety regulations. Repairs are to be carried out only by a qualified electrician using original replacement parts or the user may suffer an accident.
  23. Wear safety gloves whenever you carry out any maintenance work on the blade!
  24. In the case of miter cuts when the table is tilted, the guide must be positioned on the lower part of the table.
  25. When cutting round wood, use a device to stop the workpiece from twisting.
  26. When cutting boards in upright position, use a device to prevent kick-back.
  27. A dust extraction system designed for an air velocity of 20 m/s should be connected in order to comply with woodworking dust emission values and to ensure reliable operation.
  28. Give these safety regulations to all persons who work on the machine.
  29. Do not use this saw to cut fire wood.
  30. The machine is equipped with a safety switch to prevent it being switched on again accidentally after a power failure.
  31. Before you use the machine for the first time, check that the voltage marked on the rating plate is the same as your mains voltage.
  32. If you use a cable reel, the complete cable has to be pulled off the reel.
  33. Persons working on the machine should not be distracted.
  34. Note the direction of rotation of the motor and blade.
  35. Never dismantle the machine's safety devices or put them out of operation.
  36. Never cut workpieces which are too small to hold securely in your hand.
  37. Never remove loose splinters, chips or jammed pieces of wood when the saw blade is running.
  38. It is imperative to observe the accident prevention regulations in force in your area as well as all other generally recognized rules of safety.
  39. Note the information published by your professional associations.
  40. Position the blade guard so it is approx. 3 mm above the material you want to saw.
  41. Important! Support long workpieces (e.g. with a roller table) to prevent them sagging at the end of a cut.
  42. Make sure the blade guard (10) is in its lower position when the saw is being transported.
  43. Safety guards are not to be used to move or mis-use the machine.
  44. Blades that are misshapen or damaged in any way must not be used.
  45. If the table insert is worn, replace it.
  46. Never operate the machine if either the door protecting the blade or the detachable safety device are open.
  47. Ensure that the choice of blade and the selected speed are suitable for the material to be cut.
  48. Do not begin cleaning the blade until it has come to a complete standstill.
  49. In the case of straight sawing against the parallel stop, a push stick must be used.
  50. The bandsaw blade guard should be in its lowest position close to the bench during transport.
  51. For miter cuts when the table is tilted, the parallel stop must be positioned on the lower part of the table.
  52. When cutting round timber, use a suitable holding device to prevent the workpiece turning.
  53. Never use guards to lift or transport items.
  54. Ensure that the bandsaw blade guards are used and correctly adjusted.
  55. Keep your hands a safety distance away from the bandsaw blade. Use a push stick for narrow cuts.
  56. When the push stick is not being used, keep it in the holder provided on the machine.
  57. Follow the instructions for adjusting the blade tension and for guiding the blade with the use of the supplied aids.
  58. **Always be attentive when using the machine so that you notice hazards early on and can react to them.** Timely intervention can prevent serious injuries and material da-

mage.

59. **Always wear gloves when handling the saw blade or rough materials.**
60. **If problems occur, switch off the machine and isolate it from the power supply.** If necessary, have the machine repaired by a qualified expert before you use it again.

## Special safety instructions

### 1. Safety actions

- Blades that are deformed or cracked must not be used.
- If the table insert is worn, replace it.
- Use only blades which are recommended by the manufacturer and comply with EN 847-1. When changing the blade, make sure that the cutting width is not smaller and the saw plate not bigger than the thickness of the splitter.
- Make sure that the chosen blade is suitable for the material that is to be cut.
- If necessary, wear suitable personal protection equipment. This could consist of:
  - Ear plugs to prevent the risk of damaging your hearing;
  - A breathing mask to avoid the risk of inhaling hazardous dust.
  - Always wear gloves when handling saw blades and rough materials. Whenever practicable, saw blades must be carried in a container.
- The following can have an influence on dust development:
  - Worn, damaged or cracked saw blades
  - Recommended capacity of the vacuum extraction system: 20 m/s
  - Proper guidance of the workpiece
- Blades made of high-alloy high-speed steel (HSS) must not be used.
- Keep the push stick or handle for a push block at the machine at all times, even when you are not using them.
- When the push block is not being used, insert it into its holder.

### 2. Maintenance and service

- The following conditions can have an influence on noise impact on the operator:
  - Type of sawblade (e.g. saw blades designed to reduce noise development)
  - Material of the workpiece
  - The force with which the workpiece is pushed against the sawblade
- Faults on the machine or its guards, safety devices and blade must be reported to the person in charge as soon as they are discovered.

### 3. Safe operation

- Use a push stick or the handle with a push block to feed the workpiece safely past the saw blade.
- Use the splitter and set it correctly.
- Use the upper blade guard and set it to the correct position.
- Circular saws must not be used for slotting jobs (cutting grooves which end in the workpiece).
- Use only blades whose permissible maximum speed is not lower than the maximum spindle speed of the bench-type circular saw and of the material to be cut.
- Use only the transport devices to move the machine. Never use the guards for handling or moving the machine.
- While you are moving the machine it is best to cover the top part of the blade, e.g. with the guard.
- Secure long workpieces against falling off at the end of the cut (e.g. with a roller stand etc.)

### 4. Additional instructions

- Give these safety regulations to all persons who work on the machine.
- Do not use this saw to cut fire wood.
- Do not use this saw to cross-cut roundwood.
- Caution! Hands and fingers may be injured on the rotating saw blade.
- The machine is equipped with a safety switch to prevent it being switched on again accidentally after a power failure.
- Before you use the machine for the first time, check that the voltage marked on the rating plate is the same as your mains voltage.
- If you need to use an extension cable, make sure its conductor cross-section is big enough for the saw's power consumption. Minimum cross-section: 1 mm<sup>2</sup>.
- If you use a cable reel, the complete cable must be pulled off the reel.
- Check the power cable. Never use a faulty or damaged power cable.
- Operators have to be at least 18 years of age. Trainees of at least 16 years of age are allowed to use the machine under supervision.
- Keep your workplace clean of wood scrap and any unnecessary objects.
- Persons working on the machine should not be distracted.
- Note the direction of rotation of the motor and saw blade.
- After you have switched off the motor, never slow down the saw blade by applying pressure.

- re to its side.
- Only fit blades which are well sharpened and have no cracks or deformations.
  - Never dismantle the machine's safety devices or render them inoperative.
  - Faulty saw blades must be replaced immediately.
  - Never use saw blades which do not comply with the data specified in this manual.
  - It is imperative to make sure that all devices which cover the saw blade are in good working order.
  - Warning: It is prohibited to use this saw to make plunge cuts.
  - Damaged or faulty safety devices have to be replaced immediately.
  - The splitter is an important safety device. Not only does it guide the workpiece, it also prevents the kerf closing behind the blade so that there is no kickback from the workpiece. Note the thickness of the splitter. The splitter should never be thinner than the saw blade body or thicker than the width of its kerf.
  - The guard hood has to be lowered over the workpiece for each cut.
  - Be sure to use a push stick when slitting narrow workpieces (smaller than 120 mm in width).
  - Never cut workpieces which are too small to hold securely in your hand.
  - It is imperative for the parallel stop to be clamped on the right-hand side of the blade whenever you cut narrow workpieces to size.
  - Always stand to the side of the saw blade when working with the saw.
  - Never load the machine so much that it cuts out.
  - Always press the workpiece firmly against the saw table.
  - Make sure that off-cuts do not catch on the saw blade crown. Risk of catapulting!
  - Refit all guards and safety devices immediately after you have completed any repairs or maintenance work.
  - Be sure to observe the safety information and operating and maintenance instructions issued by the manufacturer, as well as the dimensions listed in the Technical Data.
  - It is imperative to observe the accident prevention regulations in force in your area as well as all other generally recognized rules of safety.
  - Note the information published by your professional associations.
  - Connect up the dust extraction system on all jobs. The operator has to be informed about the conditions with an influence on dust development, e.g. the type of material being processed (source and collection of the dust), the significance of local separation arrangements, and the correct setting of hoods, baffle plates and guides.
  - Operate the saw only with a suitable vacuum extraction system or a standard industrial vacuum cleaner.
  - Never remove loose splinters, chips or jammed pieces of wood when the saw blade is running.
  - To rectify faults or remove jammed pieces of wood, always switch off the machine first. Pull the power plug!
  - If the sawing gap is worn, replace the table insert. Pull the power plug!
  - This electric tool complies with the pertinent safety regulations.
  - Keep your work area clean and tidy. Untidy and unlit work areas can result in accidents.
  - Keep the tool out of the rain and away from moisture. The ingress of water into an electric tool increases the risk of an electric shock.
  - Be careful, watch what you are doing and use an electric tool sensibly. Do not use the tool if you are tired or under the influence of drugs, alcohol or medication. A moment of inattention when using the electric tool can result in serious injuries.
  - Do not use an electric tool with a defective switch. An electric tool that cannot be switched on or off is dangerous and must be repaired.
  - Keep unused electric tools out of the reach of children. Do not allow people who are not familiar with the tool or who have not read these instructions to use the tool. Electric tools are dangerous if they are used by inexperienced people.
  - Keep your cutting tools sharp and clean. Carefully maintained cutting tools with sharp cutting edges will jam less and are easier to control.
  - If the connection lead on the electric tool is damaged, it must be replaced by a specially prepared connection lead available from our customer service organization.
  - Have your tool repaired only by trained personnel using only genuine spare parts. This will ensure that you tool maintains its safety standard.
  - The machine has to be set up where it can stand securely.

- All covers and safety devices have to be properly fitted before the machine is switched on.
- It must be possible for the blade to run freely.
- When working with wood that has been processed before, watch out for foreign bodies such as nails or screws etc.
- Before you actuate the On/Off switch, make sure that the saw blade is correctly fitted and that the machine's moving parts run smoothly.
- Follow the instructions for lubrication and changing tools.
- Keep handles dry, clean and free from oil and grease.
- Keep the push stick or handle for a push block at the machine at all times, even when you are not using them.
- Use the transport or hold the table frame device for transporting the machine.
- While you are moving the machine it is best to cover the top part of the blade, for example using a guard.

**Do not lose these safety instructions.**



EH 02/2017 (01)

