

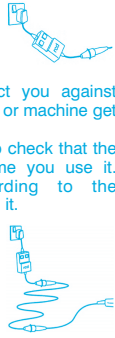


ELECTRICAL SAFETY (Continued) 110 VOLT MACHINES (YELLOW PLUG)

3. Lay the extension cable out carefully avoiding liquids, sharp edges, doorways or windows where it might be trapped, and places where vehicles might run over it. Unroll it fully or it will overheat and could catch fire.
4. Make sure that any extension cable connections are dry and safe.

230 VOLT MACHINES (SQUARE PIN OR BLUE PLUG)

1. Use a residual current device ("rcd") plugged directly into the 230 volt socket. Plug your machine into the rcd. This will help to protect you against electric shock if the cable or machine get damaged.
2. Use the "TEST" button to check that the rcd is working each time you use it. Reset the rcd according to the instructions supplied with it.
3. If you need an extension cable, follow any special instructions given by the hire company. If the hire company have not given any special instructions, you should only use a suitable rated heavy duty one, not longer than 50 metres (160 feet). Plug it directly into the rcd.
4. Lay it out carefully avoiding liquids, sharp edges, doorways or windows where it



might be trapped, and places where vehicles might run over it. Unroll it fully or it will overheat and could catch fire.

5. Make sure that any extension cable connections are dry and safe.

USING THE RADIAL ARM SAW

1. Wear your protective equipment including ear defenders, dust mask and goggles.
2. Make sure the dust collection system (if fitted) is connected and working.
3. Check the condition of the blade. Never use a bent, warped or broken blade.
4. Make sure the blade is installed to rotate to the correct direction.
5. If your fingers start to tingle from vibration stop using the saw; flex your hands and fingers to keep them warm and to encourage blood circulation.
6. To prevent damage to your blade, check that there are no nails, screws or metal embedded in your workpiece.
7. Let the saw run up to speed before applying it to the workpiece.
8. Let the blade stop completely before withdrawing it from the workpiece.
9. Stop the machine and operate the lock-off switch or remove the mains plug before making any adjustments.
10. Never leave the radial arm saw running when unattended.
11. If your equipment does not work properly do not attempt to repair it. Contact the hire company.

Radial Arm Saw

The rules and procedures in force where people are at work may require the person responsible for this equipment to carry out a specific risk assessment.

It is important to read all of this leaflet BEFORE using the Radial Arm Saw

1. Plan your work and think ahead to make sure you will always be working safely.
2. Electricity can be hazardous and must always be used with great care.
3. Machines that vibrate enough to make your fingers tingle can be hazardous if used for a long time. Find out about vibration.
4. This radial arm saw is designed to cut wood, chipboard, mdf and similar materials. Seek advice from the hire company about the correct blade to suit your application.
5. Do not use the saw to cut asbestos.
6. Do not cut wet wood.
7. The action of this radial arm saw can cause injury or damage if the machine is not used in a careful and controlled way.
8. If you have not used a radial arm saw before, practice on some scrap material, before you start on the main task.
9. You must have at least the following items of personal protective equipment: goggles: impact resistant EN166 – B or BS2092 grade 1; dust mask – a minimum of EN149:2001 FFP3 protection; ear muffs or plug giving protection for levels up to 100 dB(A); gloves.
10. You will also need a residual current device (RCD) if using a 230 volt mains supply.
11. This machine must not be used by minors, or by anyone under the influence of drugs or alcohol.
12. This radial arm saw is designed for operation by an able-bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.



Please store this leaflet safely. It may be required for further information



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110 VOLT MACHINES (YELLOW PLUG)
1. If you are using a portable transformer, plug the transformer directly into the 230volt socket. Do not use any 230v extension cables.
2. If you need to use an extension cable, follow any special instructions given by the hire company. If the hire company have not given any special instructions you should only use a suitably rated heavy duty 110v extension cable, not longer than 50 metres (160 feet). You must only use an extension cable between the transformer and the machine. (Continued overhead...)



Your machine will only operate on one voltage: it will be 110v or 230v. 110v machines will have a yellow industrial plug fitted. 230v machines will have either a normal square pin plug fitted, or a blue industrial plug. Read the instructions below for your machine.

ELECTRICAL SAFETY

1. Switch off and remove the plug from the socket before making adjustments or changing the blade.
2. Make sure you use the correct type of blade for this machine recommended by the hire company for the job you are doing.
3. Because the saw is clamped to the workpiece you are able to exert a lot of pressure when sawing. Take care not to damage or snap the blades.
22. Do not remove the work from a saw table until the blade has been returned to its position at the back of the saw table.
21. Check against overheating - a warped blade can cause binding.

operating handle unless the cutting head is behind the fence.

10. Make sure the hand holding the work is never in line with the blade.
11. Always return the cutting head completely to the back of the saw table after each cut.
12. The blade should extend slightly into the table. The motor head must be locked at the correct height and angle.
13. Do not use the radial arm saw for ripping unless the riving knife and anti-kickback devices are provided and properly adjusted.
14. When ripping, make sure that the overall length of the saw table is twice the length of the longest pieces of timber or use a roller support.
15. Make sure that the blade runs parallel to the fence. If the fence closes in towards the blade it can wedge the wood and may cause kickback.
16. Always hold the work piece firmly against the fence when crosscutting.
17. Always use the back guide or fence, or other device to keep the work from moving.
18. When cutting short pieces always use a push stick. The push stick must be applied between the blade and the fence.
19. Do not attempt to cut a piece shorter than the diameter of the blade.
20. Do not take your hand away from the



Before Starting Work...

1. The following items of personal protective equipment (ppe) are the minimum that should be worn whenever you use this machine. Particular jobs or environments may require a higher level of protection.
2. You must wear impact resistant goggles (EN166 – B or BS2092 grade 1) when you are working with this machine.
3. This equipment is likely to cause noise levels up to 100 dB(A) – wear appropriate ear muffs or plugs giving hearing protection for this level as a minimum.
4. You will need to wear an appropriate dust mask (with a minimum of EN149:2001 FFP3 protection) when you are cutting material that causes dust.
5. Continuous use of this saw may cause your hands to tingle from vibration. Find out about the possible hazards of vibration.
6. Make sure you have no loose, flapping clothing that could get caught in the saw.
7. Anybody who is working near to you will also need to wear appropriate personal protective equipment.
7. Check your machine, guards and mains lead. If anything is found damaged, do not use the radial arm saw and contact the hire company.
2. Test the action of the blade guard. Make sure that the guard quickly returns to its normal position. If the guard seems slow or does not return – contact the hire company.
3. Do not lock or jam the guard in an open position exposing the teeth of the blade.
4. Make sure that the blade is installed to rotate in the correct direction.
5. Ensure that the blade is sharp and free moving. Make sure that the blade has the correct amount of teeth for the work it is cutting. Incorrect teeth settings can contribute to binding. Seek advice about different types of blades available from the hire company.
6. Keep the blade clean and free from a build up of debris. Use a stick or brush to remove scrap from the saw table.
7. Do not use this radial arm saw in the rain or where it might get wet.
8. Check how the on/off switch operates – before you switch the radial arm saw on, you must know how to stop it.
9. Always position yourself on the handle

RADIAL ARM SAW

side when cross cutting. Pull the cutting head with the hand nearest the handle.

1. Anybody who is working near to you will also need to wear appropriate personal protective equipment.
7. Check your machine, guards and mains lead. If anything is found damaged, do not use the radial arm saw and contact the hire company.
2. Test the action of the blade guard. Make sure that the guard quickly returns to its normal position. If the guard seems slow or does not return – contact the hire company.
3. Do not lock or jam the guard in an open position exposing the teeth of the blade.
4. Make sure that the blade is installed to rotate in the correct direction.
5. Ensure that the blade is sharp and free moving. Make sure that the blade has the correct amount of teeth for the work it is cutting. Incorrect teeth settings can contribute to binding. Seek advice about different types of blades available from the hire company.
6. Keep the blade clean and free from a build up of debris. Use a stick or brush to remove scrap from the saw table.
7. Do not use this radial arm saw in the rain or where it might get wet.
8. Check how the on/off switch operates – before you switch the radial arm saw on, you must know how to stop it.
9. Always position yourself on the handle

WORK AREA

1. Do not use this machine where there is a danger of explosion. It will ignite fumes from petrol or gas cylinders.
2. Make sure that the area is clear and safe and that no-one is near to you or could distract you.
3. Protect other people from the noise and dust. Warn others to keep away, put barriers around your work area.
4. Any work that is not part of a fixture should be securely clamped or held in a vice.
5. Cutting certain materials makes a large amount of dust – cover any surfaces or objects that may be damaged, or difficult to clean.

OPERATORS

1. The following items of personal protective equipment (ppe) are the minimum that should be worn whenever you use this machine. Particular jobs or environments may require a higher level of protection.
2. You must wear impact resistant goggles (EN166 – B or BS2092 grade 1) when you are working with this machine.
3. This equipment is likely to cause noise levels up to 100 dB(A) – wear appropriate ear muffs or plugs giving hearing protection for this level as a minimum.
4. You will need to wear an appropriate dust mask (with a minimum of EN149:2001 FFP3 protection) when you are cutting material that causes dust.
5. Continuous use of this saw may cause your hands to tingle from vibration. Find out about the possible hazards of vibration.
6. Make sure you have no loose, flapping clothing that could get caught in the saw.