



# Using the Biscuit Joiner

1. Wear your protective equipment including ear defenders and goggles.
2. Always hold the tool properly when working. Keep hands clear of the blade.
3. If your fingers start to tingle from vibration stop the biscuit joiner; flex your hands and fingers to keep them warm and encourage blood circulation. Find out about vibration.
4. To prevent damage to your blade, check that there are no nails, screws or metal embedded in your workpiece.
5. Let the blade stop completely before removing it from the workpiece.
6. Stop the machine, switch off and unplug before making any adjustments.
7. If you think the cable may be cut or damaged in any way, switch off and unplug at the mains before inspecting it. If the cable attached to the machine is damaged, stop using the machine and contact the hire company. If an extension cable has been damaged don't use it again.
8. If you are not using the biscuit joiner for a prolonged period, store it safely in its carry-case or toolbox.
9. If your equipment does not work properly do not attempt to repair it. Contact the hire company.

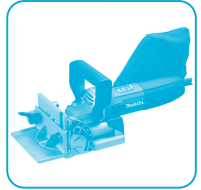
Please keep this leaflet safely as it may be required for future reference

# Biscuit Joiner

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 this entire leaflet BEFORE using the Biscuit Joiner

1. Electricity can be hazardous and must always be used with care.
2. Machines that vibrate enough to make your fingers tingle can be hazardous if used for a long time. Find out about vibration.
3. The biscuit joiner is designed to make strong and accurate joints in wood, and wood by products. Do not use to cut anything containing asbestos.
4. The action of this biscuit joiner can cause injury or damage if the machine is not used in a careful and controlled way.
5. If you have not used the biscuit joiner before, practice on some scrap material, before you start on the main task.
6. Plan your work and think ahead to make sure you will always be working safely.
7. You must have at least the following items of personal safety equipment: Goggles, impact resistant EN166 - B or BS 2092 grade 1; dust mask – a minimum of EN149:2001 FFP3 protection; ear muffs or plugs giving protections for levels up to 95 dB; gloves; rcd if using a 230 volt (mains) supply.
8. This machine must not be used by minors; or by anyone under the influence of drugs or alcohol.
9. This biscuit joiner is designed for the operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.



Hire Association Europe  
2450 Regents Court  
The Crescent  
Birmingham Business Park  
Soliuhull B37 7YE

Telephone: 44 (0) 121 380 4600  
Fax: 44 (0) 121 333 4109  
Email: mail@hae.org.uk  
website: www.hae.org.uk

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Telephone: 44 (0) 121 380 4600  
Fax: 44 (0) 121 333 4109  
Email: mail@hae.org.uk  
website: www.hae.org.uk

Hire Association Europe  
2450 Regents Court  
The Crescent  
Birmingham Business Park  
Soliuhull B37 7YE



than 50metres (160ft). You must only use an extension cable between transformer and machine.

3. Lay the extension cable out carefully avoiding liquids, sharp edges, doorways or windows it might get 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 your machine. Plug your machine into the rcd. This will help to protect you against the 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 heavy duty one, not longer than 50 metres (160ft). Plug it directly into the rcd.
4. Lay the extension cable out carefully avoiding liquids, sharp edges, doorways or windows it might get 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.

**BISCUIT SIZE SELECTION**

1. There are tree biscuit sizes, no.0, no.10 and no. 20. Be sure to select the one most appropriate for your task. A No. 20 biscuit will suit most routine applications. If you are in doubt about the correct biscuit size seek advice from the hire company.
2. You should test biscuit joiner sizes and your settings on scrap pieces of wood. This is important because you may discover, when guming up, your biscuit slots are not quite deep enough.

**ELECTRICAL SAFETY**

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.

**110 VOLT MACHINES (YELLOW PLUG)**

1. If you are using a portable transformer, plug the transformer directly into the 230v 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 suitable heavy duty one, not longer than 50 metres (160ft). Plug it directly into the rcd.
4. Lay the extension cable out carefully avoiding liquids, sharp edges, doorways or windows it might get 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.



## Before Starting Work...

**WORK AREA**

1. Do not use the biscuit joiner where there is a danger of an explosion. It will ignite fumes from petrol or gas cylinders.
2. Make sure the area is clear and safe and that no one is near to you or could distract you. Warn other to keep away.
3. Any work that is not part of a fixture should be securely clamped or held in a vice.

**OPERATORS**

1. The following items of personal protective equipment (ppe) are the minimum that should be worn whenever you use the machine. Particular jobs or environments may require higher levels 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 of up to 95dB – wear appropriate ear muffs or plugs giving hearing protection for FFP3 protection) when you are cutting material that causes dust.
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 tool may cause you hands to tingle from vibration. Find out about the potential hazards of vibration.
6. Make sure you have no loose, flapping clothing that could get caught in the moving parts.
7. Anybody working near you will also need to wear personal protective equipment.

**BISCUIT JOINER**

1. Check your machine, blades, cables and attachment. If anything is found damaged, do not use the biscuit joiner – contact the hire company.
2. Make sure you are holding the tool properly. Use two hands.
3. Do not use the biscuit joiner in the rain or where it might get wet.
4. Check on how the on and off switch operates – before you switch the biscuit joiner on you must know how to stop it.
5. Familiarise yourself with the plunge and the depth adjustment controls.
6. Biscuit joiners tend to slide to the right when operated. This tendency will increase as the machine may be fitted with anti-slipage pins. When making joints you may wish to retract the pins so as not to scratch your work. Rotate the pins approximately 1/6th turn and they will retract behind the surface.

**BLADES**

1. In time the blade will wear and need replacing.
2. Switch the biscuit joiner off and remove the plug before changing the blade. Use the tools provided.
3. Make sure that you use the correct blade to suit the material you are cutting. The hire company will be able to advise you on the type of blade you need.
4. Make sure the blade is fitted correctly.

**DUST EXTRACTION**

This machine can be fitted with dust extraction equipment. If your work produces dust you should connect to an external dust extraction device.

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