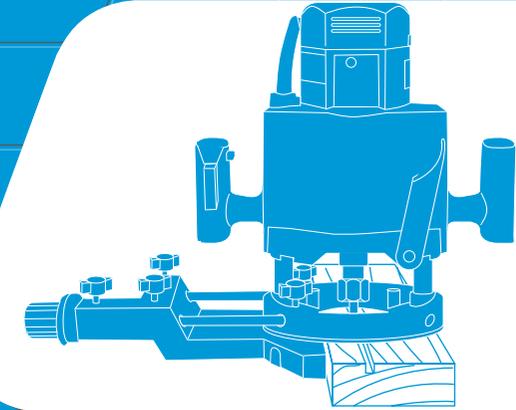
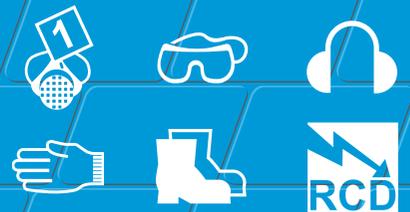


HSS Hire



Router

For cutting rebates, grooves and woodworking joints, plus a variety of other DIY and craft applications.



Code 04211/04212

the tool body.

If the job requires more than one depth setting, adjust the individual depth stop screws using a screwdriver and spanner. **Settings can then be selected by rotating the stop screw turntable.**

Finally, set the guide fences using the small thumbscrews on top of the tool's baseplate, for accuracy use the fine adjuster.

If using the router freehand or with a template, remove the guide fence.

To switch ON, depress the lock OFF button with your thumb, then squeeze the ON/OFF trigger.

Some models are fitted with a variable speed control, from setting no. 1 @ 8000rpm up to setting no. 5 @ 23000rpm.

BASIC TECHNIQUES

On first contact with the surface, the router may try to wander off line. Take great care until you become familiar with the tool. Try it out on a piece of waste wood first.

Hold the workpiece steady with clamps or a vice, positioning these so they don't interfere with the router's cutters.

Check the material being worked on, making sure it is free from nails, screws or other foreign bodies which will damage the router bit.

Hold the tool in both hands and adopt a stable stance that give you a good view of the cut while keeping you clear of the tool's cutters.

Do not work in areas where you are forced to stand on loose debris or on a slippery uneven surface.

If possible, **drape the tool's flex over one shoulder to keep it clear of the cutters,** but **make sure there is still enough slack** for you to **reach the end of the workpiece** without difficulty.

Use the locking lever to lift the cutter clear of the work and switch ON. Be ready for the machine to kick slightly when it first starts.

Now **lower the cutter** and apply steady pressure as it cuts **into the work – until the depth stop prevents further progress.** You can then **slide the router over the work to remove waste as required.**

Quick Tip

When using a router, avoid starting the cut at the very edge of the work. Instead, begin about 25mm (1in) in from the edge and extend the cut towards it.

EQUIPMENT CARE

Never push the equipment beyond its design limits. If it will not do what you want with reasonable ease, assume you have the wrong tool for the job. Ask at your local HSS Hire for advice.

Always switch OFF and unplug the equipment before making any adjustments to it.

Keep the equipment clean. You will find this less of a chore if you clean up regularly, rather than wait until the end of the hire period. In particular, clean out the tool's ventilation slots. If these get blocked, the motor will over-heat and burn out.

When not in use, **store the equipment somewhere clean, dry and safe** from thieves.

Never use the equipment on timber containing nails and similar obstructions. It is dangerous and damages the tool.

To make deep cuts, remove the waste in easy stages. It gives better results, the bit will stay sharp longer and it places less strain on the tool.

Keep cutters sharp. Blunt ones give poor results and can overload the tool's electric motor.

Use only cutters designed for routing. The wrong cutters could damage both the tool and the workpiece.

FINISHING OFF

Carefully clean off dust and other debris, paying special attention to the tool's ventilation ports, remember to **remove the cutter** from the collet, **then neatly coil the flex ready for return.**



... have you been trained

The law requires that personnel using work equipment have received adequate training and must be competent when using the equipment within the workplace. Training is available at HSS Training Solutions
0845 766 7799

...any comments?

If you have any suggestions to enable us to improve the information within this guide please e-mail your comments or write to the Safety Guide Manager at the address below
e-mail: safety@hss.com

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GENERAL SAFETY

For advice on the safety and suitability of this equipment contact your local HSS Hire.

Keep children, animals and bystanders away from the work area.

This equipment should only be used by a competent person who has read and understood these instructions.

  Never use this equipment if you are ill, feeling tired, or under the influence of alcohol or drugs.

 Safety Goggles MUST be worn by everyone in the work area.

 Some materials when cut contain substances which, when inhaled, can be harmful to health. A suitable mask must be worn when using this equipment.

 This equipment generates potentially harmful noise levels. To comply with health and safety at work regulations, ear defenders must be worn by everyone in the vicinity.

  Wear practical, protective clothing, gloves and footwear. Avoid loose garments and jewellery that could catch in moving parts, tie back long hair.

Never use the equipment if highly flammable vapours – petrol or paint thinner fumes for example – are present.

Always switch OFF and unplug the equipment when not in use.

Take special care when changing cutters – they are sharp.

Make sure you know how to switch this machine OFF before switching ON, incase you get into difficulty.

Always unplug the tool before making adjustments to it. Check that it is switched OFF and that you have removed all spanners and keys before plugging it back in.

Having switched OFF, always wait for the cutters to come to rest before putting the tool down.

Check the condition of the equipment before use. If it shows signs of damage or excessive wear, return it to your local HSS Hire.

ELECTRICAL SAFETY

Most HSS routers plug into a standard 13amp power socket. However, 110V units (with a round yellow plug) must be provided with a suitable 110V generated supply, or powered from the mains via a suitable 110V transformer.

If the equipment fails, or if its flex or plug gets damaged, return it. Never try to repair it yourself.

Keep flexes out of harm's way, and clear of moving parts.

Extension leads should be fully unwound and loosely coiled, away from the equipment. Never run them through water, over sharp edges or where they could trip someone.

Using electrical equipment in very damp or wet conditions can be dangerous.

 To reduce the risk of electric shock, use a suitable RCD (Residual Current-Operated Device) available from your local HSS Hire, or power 240V (Not 110V) equipment from a power circuit with a built-in RCD.

Never carry or pull the equipment by its flex.

Ensure the equipment and power socket are switched OFF before plugging into the power supply.

GETTING STARTED

Before using a router, select the correct cutter for the job. Our staff will be happy to advise you.

To fit the cutter, switch OFF and unplug the tool, then grip the spindle with the spanner provided by sliding the spindle lock plate to stop it turning.

That done, use the second spanner to open the collet, push the cutter's shank into the jaws and re-tighten the collet to hold the cutter firmly in place.

Next, set the depth of cut. Twist the max nut on the threaded pillar until it is as close to the base plate as possible, then release the locking lever and lower the tool body until the cutter touches the workpiece,

Reset the lever to lock the tool body in place, then turn the depth adjustment knob until the sliding depth stop resets on one of the three depth stop screws.

Now, raise the depth stop by the required depth of cut, using the depth scale as a guide, and adjust the nut on the threaded pillar until it touches the lug on

