

BASIC TECHNIQUES

Use a vice or clamps to hold the work steady and reduce vibration. At the same time, ensure nothing will get in the saw's way and that off-cuts are supported so they cannot trap the saw blade.

Adopt a stable stance that gives a good view of the off cut while keeping you clear of the saw blade. In particular, avoid placing your leg or fingers directly under the cut.

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

Before switching ON, rest the front of the sole plate on the work, then start the saw by pressing the ON/OFF trigger switch and let it get up to speed before bringing the blade into contact with the work.

Holding the saw with both hands, guide it along the cutting line, supplying just enough pressure to ensure reasonable progress.

Negotiate any angled or curved cuts as smoothly and slowly as possible. never try to force the blade round corners and never twist it violently - it will snap.

Remove the saw from the cut while the blade is still moving and stop the Saw by releasing the ON/OFF trigger, wait for the blade to stop before putting it aside.

It is possible to start a cut away from an edge. Simply insert the blade through a hole drilled in the waste close to the required starting point.

It is recommended that practice cuts be made on off cuts of the material you are working in so that the correct stroke and speed settings can be set. Using practice pieces will lessen the chance of damaging the workpiece.

It is possible to adjust the blade's stoke, using the switch on the side, to suit the density of material you are cutting. As a rough guide, use setting I for metal, II for hardwoods and III for softwoods.

Quick Tip

Because jig saws cut on the 'up stoke', the workpiece's upper - most face may be marred by chipping or splintering. Marking cut lines with a knife may reduce damage, but it is still best to saw with the work face down.

When using the saw to cut wood along the grain (its' known as 'ripping') temporarily pin or clamp a timber batten to the work and use that to guide the saw.

Adjustments Available on Model 1 . . .

To produce a mitre cut, use the hex key to loosen the nut on the sole plate, adjust the sole plate's angle and re-tighten.

Air can be diverted from the motor to the point of the cut by moving the air switch, this will stop saw dust blocking your view of any guide marks.

Adjustments Available on Model 2 . . .

To produce mitre cuts by adjusting the sole plate. Loosen the mitre adjusting hexagon screw and swivel the sole plate so that is set to the required angle.

Tighten the mitre adjusting hexagon screw. Where the sole plate is secured to the jig saw there is a mitre guide to assist in resetting angles if needed.

The speed of the blade can also be adjusted by turning the blade speed adjuster dial.

EQUIPMENT CARE

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

Never force the saw through the work. If it jams in the cut, switch OFF, free it and check the blade for damage before going on.

Regularly clean out the tool's ventilation slots. If these clog with dust, the tool's motor could burn out.

Never work with a blunt or dirty blade. It not only produces poor work but could overload the saw's motor. When cleaning or changing blades, though, do remember to switch OFF and unplug the tool.

Never over - tighten nuts, knobs and screws when making adjustments, particularly when changing blades as you will twist the blade out of alignment.

Never use a power saw to cut through timber containing nails, screws and other obstacles. It is dangerous and will damage the saw.

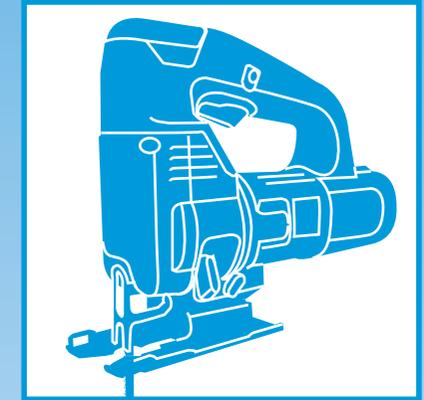
Keep the equipment clean - you will find this less of a chore if you clean it regularly, rather than wait until the end of the hire period.

FINISHING OFF

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

Turn the Saw OFF and unplug it from the power supply. Remove any blade fitted - the blades are yours to keep. Give the unit a final clean up, paying particular attention to the ventilation slots and return, to your local HSS Hire Shop.

HSS Hire Shops



Jig Saw

If you are cutting straight lines or curves in wood, plastic or metal sheet, you will find this versatile electric saw quick and easy to use.



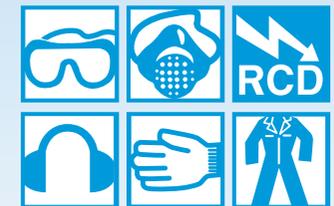
...any comments?

If you have any suggestions to enable us to improve the information within this guide please fax your comments or write to the Product Manager at the address below
Fax: 020 8687 5001

©HSS Hire Service Group Plc 2002 No. 720/02

Group Office: 25 Willow Lane, Mitcham, Surrey CR4 4TS

Web Site: <http://www.hss.com>



GENERAL SAFETY

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

There is a serious **risk of personal injury** if you do not follow all instructions laid down in this guide.

The hirer has a responsibility to ensure that all necessary risk assessments have been completed prior to the use of this equipment.

This equipment should only be used by an operator who has been deemed competent to do so by his/her employer.

This equipment should be used by an able bodied, competent adult who has read and understood these instructions. Anyone with either a temporary or permanent disability, should seek expert advice before using it.

Keep children, animals and bystanders away from the work area. Cordon off a NO GO area using cones and either barriers or tape, available for hire from your local HSS Hire Shop.

 **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.**

 **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.

 **Some materials when cut contain substances which, when inhaled, can be harmful to health.** A suitable mask must be worn when using this equipment. Respiratory protective equipment is available for hire, contact your local HSS Hire Shop for details.

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

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

Ensure the work area is well lit and ventilated, if in doubt, ask about lighting and ventilation equipment at your local HSS Hire Shop.

Make sure you know how to switch this machine OFF before you switch it ON in case you get into difficulty.

Never leave the unit running and unattended.

Make sure that anyone in the immediate work area is warned of what you are doing.

Always switch OFF and disconnect the machine from its power supply before making adjustments to it. Check that you have removed all spanners before restarting.

Having switched OFF, **always wait for moving parts to come to rest.**

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

Ensure all guard are correctly fitted and secure before starting work.

Never use the saw to cut asbestos sheeting, nor any other material which may yield hazardous dust.

And take care when changing or fitting blades - they are sharp.

COSHH information sheets are available from your local HSS Hire Shop.

ELECTRICAL SAFETY

Most HSS Jig Saws plug into a standard 230V 13amp earthed power socket. However, 110V models (with a round yellow plug) must be provided with a suitable 110V 16amp generated supply, or powered from the mains via a suitable 110V transformer.

If the equipment fails, or if its power supply cable or plug becomes damaged, return it. Never try to repair it yourself.

Only use suitable three core earthed extension leads to power this equipment.

Keep cables out of harm's way, and clear of the work area.

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.

Keep the equipment dry, using electrical equipment in very damp or wet conditions can be dangerous.

 **To reduce the risk of electric shock, always use RCD a suitable RCD (Residual Current-Operated Device) available from your local HSS Hire Shop.** Or power the equipment from a mains circuit with a built in RCD.

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

It is essential to familiarise yourself with all the controls before starting.

Having double - checked that it is unplugged and switched OFF, **fit the tool with the appropriate blade for the job.**

GETTING STARTED

Fitting a Blade to Model 1 . . .

Set the control switch to position No.III, either insert a screwdriver into the hole on the top of the tool, or raise the SDS cap on top of the tool, and turn three or four times to **open the saw's chuck.**

Push the blade into the chuck, holding it **at right - angles to the normal cutting line, then twist** until the teeth face forwards.

That done, **use the screwdriver or SDS cap to tighten up the chuck** and hold the blade firmly in place. Finally either remove the screwdriver or push the SDS cap back into its original position.

Fitting a Blade to Model 2 . . .

Turn the Saw upside down, loosen the hexagon screw that retains the blade, insert the blade into the blade chuck. Push the blade firmly home and tighten the hexagon screw. Ensure that the teeth of the blade face forwards.

When the blade is secure refit the blade guard. Once the blade is fitted the Saw is ready to use, **plug in and switch ON the power.**

