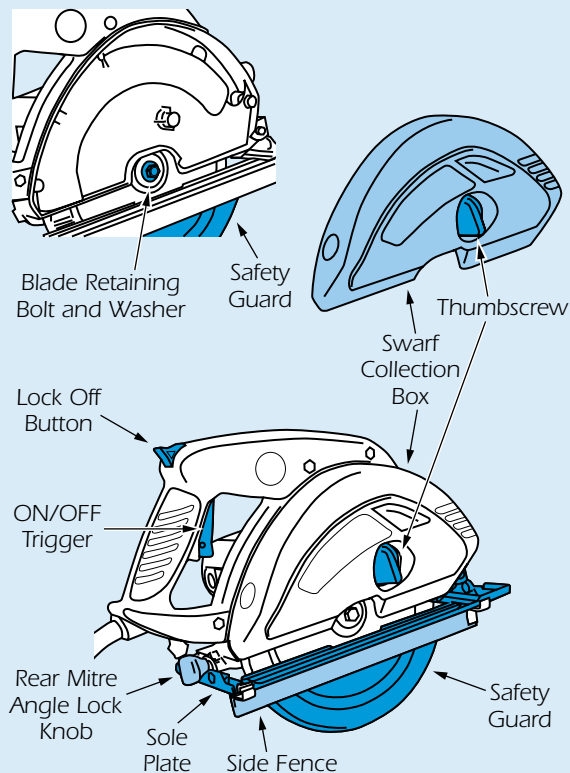


DO NOT cut tanking which has been used to store fuel.
Do not cut into steel piping which has been used for water, gas or any other medium unless new, unused or it has been completely cleared.

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.

Steel Cutting Circular Saw



Adopt a stable stance that gives a good view of the off cut while keeping you clear of the saw blade. In particular, do not place your leg and fingers directly under the cut.

If possible, **drape the tool's power supply cable 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.

Where applicable, **set the mitre angle required.**

Before switching ON, **rest the front of the sole plate on the work and retract the safety guard** to expose the minimum amount of blade necessary to start the cut.

Always **start the saw** 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.

Remove the saw from the cut before switching OFF and wait for the blade to stop before putting it aside.

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 tool for the job. Contact your local HSS Hire Shop for advice.

Regularly empty the swarf collection box. To empty the collection box, firstly switch the saw OFF and unplug it from the power supply.

To **open the box** turn the thumbscrew anticlockwise and move the cover away. You can now **tip the swarf into a suitable container.** Remember, it is your responsibility to dispose of the swarf in a responsible manner.

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.

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

FINISHING OFF

Switch the saw OFF and unplug it from the power supply. Empty the swarf collection box of any remaining swarf.

Give the unit a final clean up, then place in its carry case ready for return, to your local HSS Hire Shop.



...any comments?

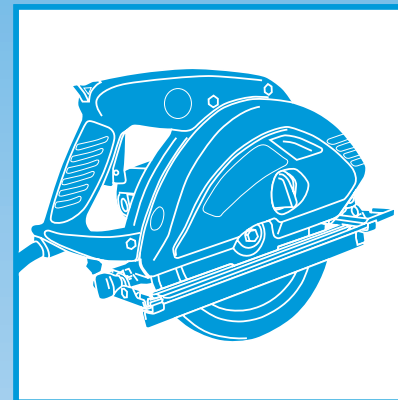
If you have any suggestions to enable us to improve the information within this guide please fax your comments or write to the Product Manager at the address below
Fax: 020 8687 5001

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

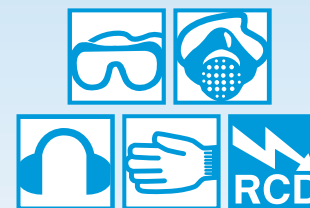
Web Site: <http://www.hss.com>

HSS Hire Shops



Steel Cutting Circular Saw

A 230mm TCT bladed circular saw for cutting sheet steel.



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 either cones, 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 (121.7 dB (A)). To comply with health and safety at work regulations, suitably rated 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.

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

Do not work near flammable gases or liquids, petrol or paint thinner fumes for example. **Keep combustible materials at a safe distance** - at least 5m.

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

Always unplug the saw when not in use, before carrying it or making adjustments to it.

Having switched the saw OFF, **always wait for the blade to come to rest before putting it down.**

NEVER start the saw with the blade in contact with the work piece.

Never carry or pull the equipment by its power supply cable.

Ensure the guard is correctly fitted and secure before starting work. Never remove or otherwise interfere with any safety guards fitted to the saw.

Never use the saw to cut any other material.

Make sure that everyone is warned of what you are doing.

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.

ELECTRICAL SAFETY


The HSS Metal Cutting Circular Saw requires a 110V 16amp generated power supply, or can be 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.

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 a suitable RCD (Residual Current-Operated Device)** available from your local HSS Hire Shop.

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

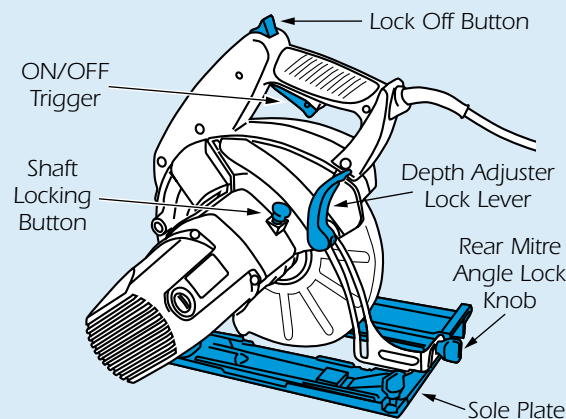
GETTING STARTED

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

With the saw unplugged from the power supply, **fit the appropriate blade for the job.**

Remove the swarf collection box (see EQUIPMENT CARE). **Push in the shaft-locking button** to stop the blade rotating and **remove the blade retaining bolt and washer** using the spanner provided.

Depth Adjustment

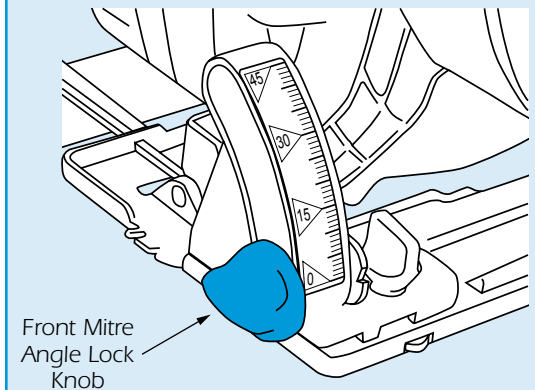


Pull back the safety guard and slide on the new blade (ensuring its teeth point the same way as the arrow on the saw). Then **replace the washer and retaining bolt and re-tighten** before releasing the shaft-locking button. Rotate the blade to confirm that the shaft lock has disengaged.

Set the depth of cut to suit the thickness of the material being sawn. Raise the depth adjuster lock lever, raise or lower the sole plate to suit then retighten the lock lever. The depth of cut should be **set so that the blade protrudes beyond the cut no more than 4mm.**

The saw can produce mitred cuts in steel, **to set the mitre angle** (between 0° and 45°) **loosen the front and rear mitre angle lock knobs**, **set the sole plate to the required angle and re-tighten the lock knobs.**

Mitre Adjustment



The final adjustment to consider is **the side fence**, used to **guide the blade along a piece of steel parallel to its edge.**

To switch the saw ON, push the lock OFF button with your thumb and **squeeze the ON / OFF trigger.**

To switch OFF simply release the ON / OFF trigger.

The swarf collection box will collect steel cuttings as the work progresses and will need emptying periodically (see EQUIPMENT CARE).

All that now remains is to plug the saw into the power supply and switch ON the power.

BASIC TECHNIQUES

Never use this power saw to cut through timber, plastics and other sheet material. It is dangerous and will damage the saw. For timber and plastic cutting equipment contact your local HSS Hire Shop.

The maximum sheet steel thickness you can cut is 12mm and this should not be exceeded.

Where steel box section is being cut, the maximum thickness of the steel should not exceed 6mm with a maximum 85mm square section.