

To set the mitre turntable angle, slacken the mitre lock wing nut on the turntable, release the locking catch, and rotate the table to the right or left.

Any angle up to 45 degrees can be chosen on the protractor scale. Read the red scale on the mitre bar's left hand edge if turning to the right, the black scale off the bar's right hand edge if turning to the left. Alternatively, locate the locking catch on the turntable's underside for a pre-set angle: 0, 15, 22.5, 30 or 45 degrees.

Then simply re-engage the locking catch and tighten the mitre lock wing nut.

For compound mitres, set the desired bevel and mitre angle. For the widest choice, move the turntable to the left. Even so, this saw will not cut 45x 45 degree compound mitres.

NOTE: that in the cross cut mode, this saw will cut timber up to 50mm thick and 250mm wide. When cutting a mitre, the capacity will reduce to a maximum of 50 x 175mm.

Always position yourself so you can control the cutting operation while staying clear of the saw blade.

Always keep the saw table clear of off cuts and other debris.

For precision work, always make a test cut to check the saw's settings.

HSS cross cut mitre saws come with tungsten tipped blades that can both rip and cross cut. But even these blunt eventually. So, if you notice the blade burning the timber, contact your local HSS Hire Shop.

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.

Keep the equipment clean – paying special attention to the air vents. You will find this less of a chore if you clean them 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 OFF and unplug the equipment.

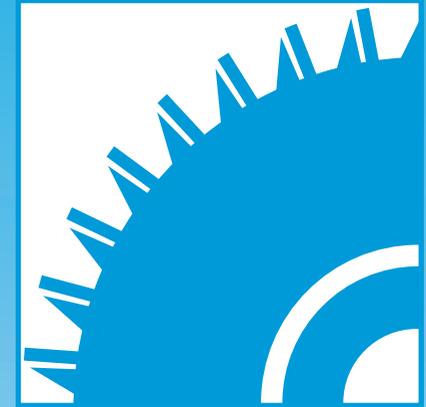
Clean off sawdust and dirt, paying special attention to motor ventilation slots.

Park the saw head, set the bevel angle to 45 degrees and tighten up the traverse locking screw. The tool can now be carried by its handle.

Finally, neatly coil the flex and give the tool a final clean up ready for return, to your local HSS Hire Shop.

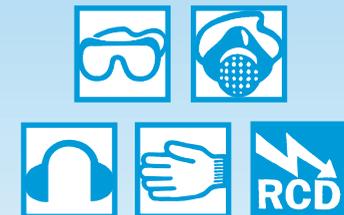
Operating & Safety Guide 606

HSS Hire Shops



Cross Cut Mitre Saw

A portable, bench – top chop saw for cutting accurate mitres and compound mitres.



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GENERAL SAFETY

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

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

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

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

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



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.

Ensure the work area is well lit and ventilated, if in doubt, ask about dust extraction 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.

Always switch OFF and unplug the machine 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 blade to come to rest before removing or replacing the workpiece.

Never carry or pull the equipment by its flex.

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 the guard is operating correctly before starting work. If it does not close automatically and cover the blade, STOP and contact your local HSS Hire Shop for advice.

ELECTRICAL SAFETY

Most HSS cross cut mitre saws plug into a standard 13amp power socket. However, 110V models (with a

round yellow plug) **must be provided with a suitable 110V generated supply**, or powered from the mains via a suitable 110V transformer (minimum 2.2kVA tool rating).

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 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.

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 Shop, or power the equipment from a mains circuit with a built-in RCD.**

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

GETTING STARTED

Set the saw on a firm workbench, if desired, fit a dust extraction unit, ask at your local HSS Hire Shop for details. If vacuum dust extraction is not used, ensure the work area is well ventilated.

All that now remains is to connect the saw up to its power supply and switch the supply ON.

BASIC TECHNIQUES

Hold the workpiece against the saw's rear fence. The saw's action should keep it there, but **if it rides up or pulls away from the fence, secure it with a G-clamp.**

To make a cross cut, **grip the saw's handle** (thereby releasing the saw head locking lever), **squeeze the ON/OFF trigger** and, having allowed the blade to reach full speed, **lower it into the work. Once the cut is finished, return the saw head to its 'parked' position** and release the handle.

To cut wide materials, push the carriage lock on the motor housing (padlock open symbol) and begin the cut as already described. Once the blade is through the work close to the fence, pull the saw head towards you to complete the cut. For mitres, select the required angle from the turntable scale and operate the saw as above.

To set the bevel angle, slacken the lever at the rear of the saw and tilt the saw head, reading the angle off the protractor scale. Once you have aligned the required angle, re-tighten the lever to **lock the saw head in place.**

