

You may now **check** that the **blade and the material to be cut line up** correctly and make any adjustments as necessary. Now **return the power head to the raised position**.

**Plug the machine into a suitable power supply and switch on. Depress the trigger, trip the release lever, then lower the blade and cut through the work-piece.**

**Once the cut is completed raise the blade from the material and release the trigger.** The blade will stop almost immediately.

Never partially cut through material, always make a complete cut.

**Keep hands away from the cutting area**, and maintain a steady balance, keep feet firmly on the floor.

**NEVER USE THE SAW TO CUT ANY MATERIAL OTHER THAN ALUMINIUM EXTRUSION OR PIPE.**

**To stop the machine raise the blade** from the work-piece **prior to releasing the trigger. Never attempt to stop the machine in mid-cut.**

## 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 Shop for advice.

**Handle the equipment with care.** Avoid dropping it, knocking it, or otherwise exposing it to damage.

**Never expose the equipment to excessive moisture, dust or dangerous/corrosive chemicals.**

**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.

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

## FINISHING OFF

**Switch off and unplug from the power supply.**

**Release the work clamps and remove the material from the saw bed.**

**Remove the clamps from the base assembly and any 'pads' if fitted.**

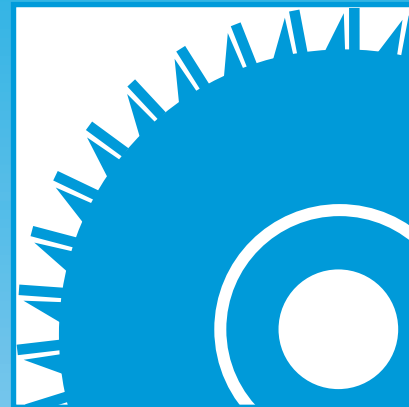
**Trip the lever on the handle assembly, pull down on the handle. Push in the transit securing pin.**

**Undo any securing bolts from the base feet (if fitted). The machine is now ready for transportation.**

**Remember to dust down the machine and neatly coil the cable ready for return your local HSS Hire Shop.**

## Operating & Safety Guide 605

# HSS Hire Shops

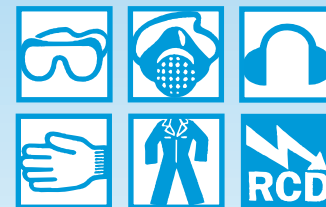


## Alloy Mitre Chop Saw

For cutting aluminium extrusion and tubing.



©HSS Hire Service Group Plc 1996 No. 605/01  
Group Office: 25 Willow Lane, Mitcham, Surrey CR4 4TS



Code 03432

## GENERAL SAFETY

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

Keep children, animals and all others out of 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.

Check the equipment before use, if it shows signs of damage or excessive wear, return it.



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



Note that 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.



Protective clothing, footwear and gloves must be worn. Avoid loose garments and jewellery that could interfere with the work. Tie back long hair.



afety Goggles MUST be worn by anyone in the work area.

Never use this equipment near any combustible gases or materials.

Ensure work area is tidy, well lit and ventilated.

Keep the dust deflector clear of all obstructions.

A dust extracting unit may be hired from HSS Hire.

Always switch OFF and unplug electrical equipment before attempting to maintain or adjust it in any way. Never leave electrical tools unattended while they are plugged in and switched ON.

If the equipment fails, or if its flex or plug is damaged, return it. Do not attempt to repair it yourself.

## ELECTRICAL SAFETY

Most HSS equipment is designed to plug straight into a standard 240V 13A power socket.

However, 110V models (with a round yellow plug) must be powered from a generator or the mains via a suitable transformer.

Keep flexes and extension leads out of harm's way. 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.

Remember, using electrical equipment in very damp or wet conditions can be dangerous.

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

Never carry or pull the machine by its flex.



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

## GETTING STARTED

Set the machine up on a firm, level surface and convenient to an appropriate power supply. Take into account the length and shape of the material to be cut.

To secure the saw, clamp it using G clamps or alternatively, mount the machine to a 12.5mm (or thicker) section of plywood and fix through the holes on the feet.

Attach 'pads' (ply or timber) to the clamp faces, utilising the holes on the clamp ends. This will prevent marking or scratching the work-piece. Ensure pad fixings do not come into contact with the saw bed.

Locate the clamps into the saw bed – disengage the 'triggers' to move the clamps freely, then re-engage to tighten the clamps on to the work.

To fit a dust extraction unit (see diagram): the deflector lifts up to reveal the extraction exhaust pipe to which the extractor hose can be fitted.

Lightly press down on the power head handle and pull the transit securing pin to release the power head.

Now, adjust the mitre pointer to set up the cut angle. Loosen the mitre set lock and squeeze the mitre set location trigger to release the mitre arm.

Let the mitre latch snap into the desired pre-set indent on the scale as you rotate the arm past zero. Check the pointer and the mitre scale through the viewing opening.

For non standard settings, adjust the mitre pointer to the desired angle then tighten the mitre clamp knob.

Mark up the material to be cut. Clamp this in place on the saw bed – engage the 'triggers' and tighten the clamps.

Double check that the work is held securely.

Check that the power cable is away from the saw and where it will not become entangled with the work-piece.

## BASIC TECHNIQUES

Push the power head down lightly and Without depressing the power switch, hold the hand-grip, trip the arm release-lever with your index finger. Pull down the handle to allow the saw guard to move revealing the blade.

