BASIC TECHNIQUES

CAUTION

WORKING ON THE MATERIAL MAY CAUSE IT TO SPLINTER.

WEAR EYE PROTECTION AND PROTECTIVE GLOVES.

WEAR BREATHING PROTECTION IF NO DUST REMOVAL SYSTEM IS USED.

SPLINTERING MATERIAL PRESENTS A RISK OF INJURY TO THE EYES AND BODY.

CAUTION

THE WORK GENERATES NOISE. WEAR EAR PROTECTORS. EXPOSURE TO NOISE CAN CAUSE HEARING LOSS.

CHISELING

The hammering mechanism works only when the power tool has reached a minimum operating temperature. Bring the chisel into contact with the base material and allow the power tool to run under no load until the minimum operating temperature is reached. If necessary, repeat this procedure until the hammering mechanism begins to operate.

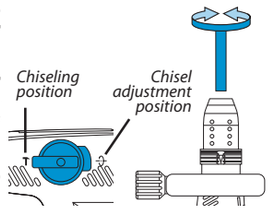
The chisel can be adjusted to 24 different positions (in 15° increments). This ensures that flat chisels and shaped chisels can always be set to the optimum working position.

CHISEL POSITION ADJUSTMENT

CAUTION

DO NOT OPERATE THE POWER TOOL WHEN THE SELECTOR SWITCH IS SET TO "CHISEL ADJUSTMENT".

Make sure the supply cord is disconnected from power supply.



Turn the function selector switch until it engages in the "Chisel adjustment" position.

Rotate the chisel to the desired position.

Turn the function selector switch to the "chiseling" position.

Rotate the chisel until it engages. Do not operate the function selector switch while the motor is running.

LOCKING AND UNLOCKING THE CONTROL SWITCH

When chiseling, **the control switch can be locked in the ON position.**

To lock, **press the control switch fully. The lock is positioned on the inside of the upper control switch.**

Note: The power tool then operates in sustained mode.

To unlock**, press the control switch fully and then release it. The power tool then switches off.**

TROUBLESHOOTING

When the power tool doesn't start, simply switch the tool off and on again. If this doesn't solve the problem check the electric supply, for example, by plugging in and starting another appliance. Check the supply cord and extension cord. Replace extension cord if found damaged. If machine cord is damaged, **don't try to fix this tool,** return to HSS Hire.

If the tool fails to start and the indicator lamp blinks red, the equipment is inoperable and should be returned to HSS Hire. **In this case do not try to repair the tool yourself.**

In case the power tool doesn't start or cuts out during operation the overheating prevention cut-out has been activated. Allow the tool to cool down. Clean the ventilation slots (see Equipment Care).
It may also be the reason of unstable electric supply, so in this case disconnect other appliances connected to the same power source or connect the power tool to a different power source.
It is also recommended to check that the extension cord is not too long or has an adequate cross section.

When hammer doesn't work, it is usually the reason of power tool being too cold. Allow the tool to warm up to the minimum operating temperature. After warming up the tool the hammer still fails to operate, return the tool to HSS Hire.

In case the tool does not achieve full power it is possible that the power level selector switch is not in the full power position. Bring the power level selector switch to the correct position.
Check the extension cord is too long or has an inadequate cross section. Use an extension cord of permissible length and of adequate cross section.
Also the voltage provided by the electric supply may be too low. Connect the tool to a different power source.

If the fault cannot be remedied by the measures listed above, the power tool should be returned to HSS Hire.

NOISE AND VIBRATION

For the given sound power level as per EN 60745 , the tolerance is 3 dB.	
Typical A-weighted sound power level:	105 dB (A)
Typical A-weighted sound pressure level:	94 dB (A)
Typical weighted vibration at the grip:	12.1 m/s^2

EQUIPMENT CARE

Never operate the power tool when the ventilation slots are blocked. Clean the ventilation slots carefully using a dry brush. Do not permit foreign objects to enter the interior of the power tool. Clean the outside of the power tool at regular intervals using a slightly damp cloth. **Do not use a spray, steam pressure cleaning equipment or running water for cleaning.** This may negatively affect the electrical safety of the power tool. Always keep the grip surfaces of the power tool free from oil and grease. Do not use cleaning agents which contain silicone.

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 HSS Hire for advice.

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

Never expose the equipment to dangerous and/or corrosive chemicals.

Periodically check that the steel's base is lightly greased. If it's dry, re-grease it by wiping with an oil-soaked rag.

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 secure.

FINISHING OFF

Switch off both the tool and its power supply before unplugging it and neatly coiling its flex.

Remove the steel.

When the equipment is not in use **store it out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.

Finally, **clean the equipment with a damp cloth** (never use cleaning agents) ready for return to HSS Hire.

... have you been trained

The law requires that personnel using this type of equipment in the workplace must be competent and qualified to do so.
Training is available at HSS Training
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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Group Office: 25 Willow Lane, Mitcham, Surrey CR4 4TS

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

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Operating & Safety Guide 717

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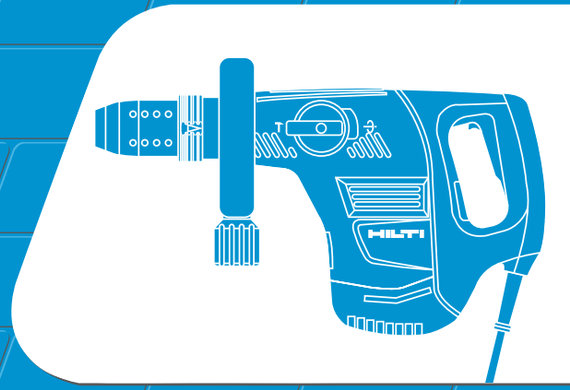


Chipping Hammer

Ideal for hacking off plaster, raking and chasing out walls

Code 02141

GENERAL SAFETY

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

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 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 HSS Hire.

Stay alert, watch what you are doing and use common sense when operating a power tool.

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 tool 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 lighting and ventilation equipment at HSS Hire.

Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

If working above ground-level, always work from a suitably stable work-platform, such as an access tower. **Do not work from ladders or steps.**

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.

Do not expose the tool to rain or snow and do not use it in damp or wet areas or where there is a risk of fire or explosion.

The power tool may be used only in a dry environment.

Do not operate the tool when it is dirty or wet. Dust or dampness on the surface of the tool make it more difficult to hold and, under unfavourable conditions, **may lead to electric shocks.**

Never use the tool if its ventilation slots are blocked.

Always use a vice or clamp to secure loose workpieces.

The tool may be operated only when **held in both hands.**

Keep the grips dry, clean and free from oil and grease.

Before beginning work, **check the working area (e.g. using a metal detector) to ensure that no concealed electric cables or gas and water pipes are present.** External metal parts of the power tool may become live, for example, when an electric cable is damaged accidentally. This presents a serious risk of electric shock.

Do not touch rotating parts. When work is finished, let it cool down. Some parts may become very hot.

Always switch off and unplug the tool before changing steels. Be careful, steel may be hot.

Never leave the tool switched on and unattended.

If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of these devices can reduce dust-related hazards.

Do not try to repair or modify the equipment. If this tool can't do what you expect or fails to work return to HSS Hire.

ELECTRICAL SAFETY

This power tool is designed to plug in to 110V power socket, so it must be provided with a suitable 110V generated power supply, or powered from the mains via a suitable 110V transformer.

Avoid accidental starting. Ensure the switch is in the OFF position before plugging in. Carrying power tools with your finger on the switch or plugging in power tools that have the switch in ON position invites accidents.

Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

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. When necessary, use only **extension cords of a type approved for the application and with conductors of adequate cross section.** The power tool may otherwise lose performance and the extension cord may overheat.

Extension leads should be fully unwound and loosely coiled, away from the equipment.

Check the extension cord for damage at regular intervals. Replace damaged extension cords.

Never run them through water, over sharp edges or where they could trip someone.

When working outdoors, use only extension cords that are approved and correspondingly marked for this application.

Always remove the plug from the current socket before undertaking any type of intervention on the power tool or if it is left unattended or within children or people's reach not quite conscious of their own actions.

Always before removing the plug, switch off the machine.

Always when unplugging pull the plug, not the supply.

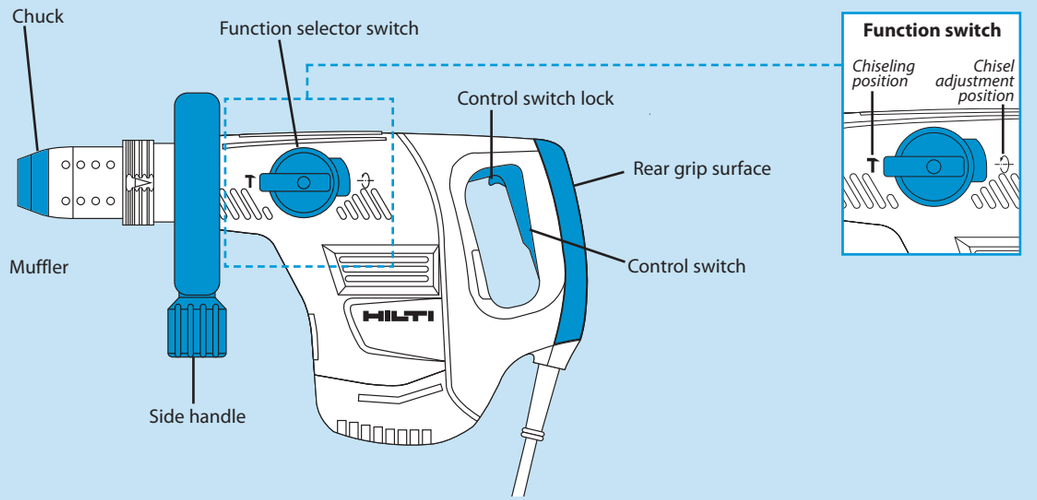
To reduce the risk of electric shock, always use a suitable RCD (Residual Current-Operated Device) available from HSS Hire.

Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.

Never carry or pull the tool by its flex.

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

IDENTIFIER



GETTING STARTED

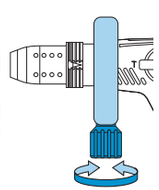
The HSS Chipping Hammer is an electrically-powered breaker with pneumatic hammering mechanism. It is designed for medium-duty chiseling on masonry and concrete.

Never use the HSS Chipping Hammer until you have fully read and understood this User Guide and the machine has been properly set up using the information it contains.

FITTING AND ADJUSTING THE SIDE HANDLE

WARNING

ALWAYS REMOVE THE PLUG FROM THE CURRENT SOCKET BEFORE UNDERTAKING ANY TYPE OF INTERVENTION ON THE POWER TOOL



Before fitting side handle **disconnect the supply cord plug from the power outlet.**

Release the side handle clamping band by turning the knob.

Slide the side handle clamping band over the chuck and onto the cylindrical section at the front end of the power tool.

Pivot the side handle into the desired position.

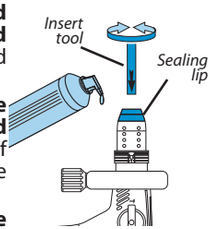
Secure the side handle by turning the knob.

FITTING THE INSERT TOOL

First of all **disconnect the supply cord plug from the power outlet** if it is connected.

CAUTION

WEAR PROTECTIVE GLOVES WHEN CHANGING INSERT TOOLS AS THE INSERT TOOLS GET HOT THROUGH USE AND THEY MAY HAVE SHARP EDGES.



Check that the connection end of the insert tool is clean and lightly greased. Clean it and grease it if necessary.

Check that the sealing lip of the dust shield is clean and in good condition. Clean the dust shield if necessary or have it replaced if the sealing lip is damaged.

Push the insert tool into the chuck and rotate it while applying slight pressure until it engages in the guide grooves.

Push the insert tool further into the chuck until it is heard to engage.

Check that the insert tool has engaged correctly by pulling it.

REMOVING THE INSERT TOOL

Disconnect the supply cord plug from the power outlet.

When removing the insert tool, be careful, **the steal may get very hot, after the work. Let it cool. Always wear protective gloves.**

Open the chuck by pulling back the insert tool locking sleeve.

Pull the insert tool out of the chuck.