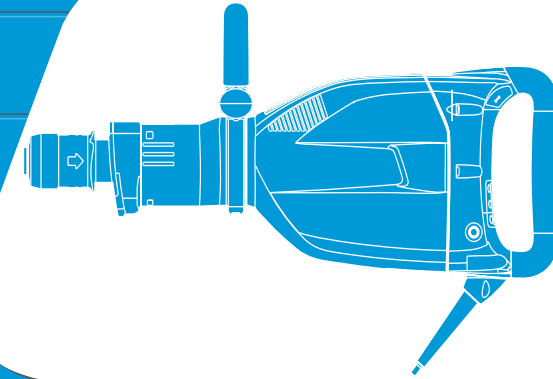
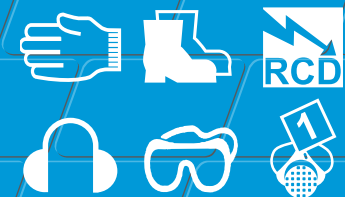


HSS Hire



Vibration Damped Breaker TE1000

Heavy duty electric breaker designed for breaking, removing and demolishing concrete, masonry, stone or asphalt, lower vibration to minimise user fatigue



Code O2151

ADJUSTING CHISELING POWER

Chiseling power can be adjusted only when the power tool is switched on and ready for use.

Chiseling power can be reduced to approx. 70% by pressing the power level selector switch. The power level LED then lights indicating reduced power.

To reselect full chiseling power, press the chiseling power level selector switch again. Switching off and then on again also causes the power tool to return to full chiseling power.

CHISELING TIPS

Start chiseling by position the tip of the chisel approx. 80-100 mm from the edge of the workpiece.

When working on workpiece with reinforcing bars always guide the tip of the chisel toward the edge of the workpiece, not toward reinforcing bars.

Begin with the chisel positioned at an angle of 70° to 80° to the concrete surface, with the tip of the chisel pointing toward the edge of the workpiece.

To break material away increase the angle to approx. 90° as the chisel penetrates.

NOTE: The chisel should be rotated at regular intervals as even wear assists the self-sharpening process.

CAUTION

If inadequate pressure is applied, the chisel will jump around uncontrollably.

Application of excessive pressure will result in a loss of chiseling performance.

NOISE AND VIBRATION

Typical A-weighted sound power level	98 dB (A)
Typical A-weighted emission sound pressure level	87 dB (A)
Uncertainty for the given sound level	3dB(A)
Triaxial vibration values (vibration vector sum)	Measured in accordance with EN 60745-2-6
Chiseling, $a_{h, \text{Chel}}$	6.5 m/s ²
Uncertainty (K)	1.5 m/s ²

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 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.

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.

Periodically check that the steel's base is lightly greased. If it's dry, re-grease it.

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

FINISHING OFF

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

Pull back the chuck's collar and remove the steel.

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



... have you been trained

The law requires that personnel using this type of equipment 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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GENERAL SAFETY

For advice on the safety and suitability of this equipment **contact your local 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 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.

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

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

 **This equipment generates potentially harmful noise levels.** To comply with Health & Safety at Work regulations, **ear defenders must be worn by everyone in the vicinity.**

 **Safety goggles MUST be worn by everyone in the work area while the equipment is in use.**

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

Never use the equipment near combustible materials or in potentially explosive atmospheres.

Keep the electric motor's air-vents clear at all times.

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 equipment before changing steels. Never leave it switched on and unattended.

Always hold the power tool securely with both hands on the grips provided. Keep the grips dry, clean and free from oil and grease.

Take special care when breaking anything containing pipework or electrical cables. If in doubt, hire a cable avoiding tool to determine the exact position of such hazards.

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.

The power tool must be used only in a **dry environment.**

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.

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. Check the extension cord at regular intervals. If shows any signs of damage replace immediately.


When the equipment needs extension cord it is recommended to use minimum 2,5 mm² cross section cord with maximum length of 20m.

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

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.

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

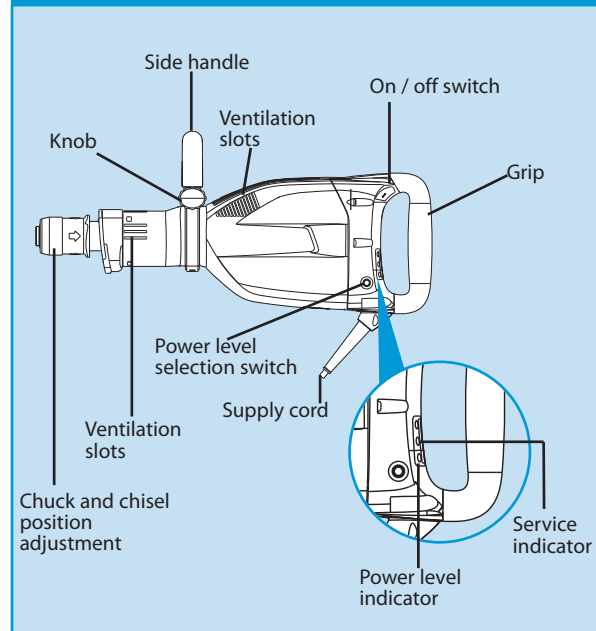
Keep flexes out of harm's way and clear of moving parts.

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

Never carry or pull the tool by its flex.

Ensure the equipment is switched OFF before plugging it into its power supply.

IDENTIFIER



GETTING STARTED

Never use the power tool until you have fully read and understood this User Guide and the equipment has been properly set up using the information it contains.

The power tool is an electrically-powered breaker with electropneumatic hammering mechanism designed for heavy chiseling work. The power tool is designed for breaking / removing and demolishing concrete, masonry, stone or asphalt. **Working on materials hazardous to the health (e.g. asbestos) is not permissible.**

SETTING SIDE-HANDLE

Set the side-handle to a comfortable working position. Release the side handle clamping band by turning the knob. Relax the tension on the side handle clamping ring and slide it 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 tightening the knob.

FITTING STEEL

The chisel can be adjusted to 6 different positions (in 60° increments). This ensures that flat chisels and shaped chisels can always be set to the optimum working position.

Before inserting chisel check that the connection end is clean and lightly greased. Clean it and grease it if necessary. 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.

BASIC TECHNIQUES

WARNING

If the power tool starts without pressing the on/off switch when the supply cord is plugged back in after unplugging, the unit must be returned to HSS Hire.

SWITCHING ON

To switch on the power tool plug the supply cord into the power outlet and press the ON / OFF switch.

WORKING AT LOW TEMPERATURES

The unit must reach a minimum operating temperature before the hammering mechanism begins to operate.

Bring the power tool to the minimum operating temperature by switching it on and allowing it to run and warm up. Bring the tip of the chisel into contact with the work surface at regular intervals (approx. every 30 sec.) to check whether the hammering mechanism has begun to operate. Repeat the procedure if the hammering mechanism does not begin to operate.

NOTE: As starting is electronically controlled, the power tool's starting characteristics may be different in cold conditions.