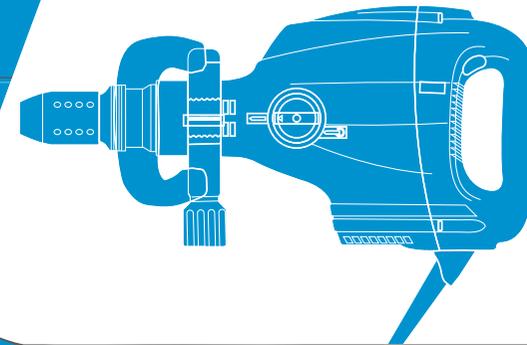
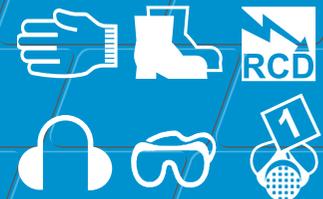


# HSS Hire



## Medium Duty Breaker TE700

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



Code 02234

operating temperature is reached. If necessary, repeat this procedure until the hammering mechanism begins to operate.

### CHISELING

Chiseling power can be set to one of three positions (50 %, 100 % and 75 %) by turning the power level selector switch. Start chiseling by positioning 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.

### CAUTION

When the indicator lamp blinks red a fault has occurred. The power tool has been rendered inoperable. Do not try to repair it! Return the power tool to HSS Hire.

### 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 not 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 the tolerance is 3 dB (A).	
Typical A-weighted sound power level:	97 dB (A)
Typical A-weighted sound pressure level:	86 dB (A)
Typical weighted vibration at the grip:	6.5 m/s <sup>2</sup>

### 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.

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](mailto:safety@hss.com)

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

## 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 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 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.

**Ensure the work area is well lit and ventilated,** if in doubt, ask about lighting and ventilation equipment at HSS Hire.

**Make sure that anyone in the immediate work area is warned of what you are doing.**

**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.

**Avoid accidental starting. Ensure the switch is in the off position before plugging in.**

**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.

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

**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.

**Disconnect the plug from the power source before making any adjustments.** Such preventive safety measures reduce the risk of starting the power tool accidentally.

Before beginning work, check the working area.

**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.

**Always keep cutting tools sharp and clean.**

**Never use this equipment in damp environment.** 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 contact HSS Hire.

**Do not use the machine unless you are able to call for help in the event of an accident.**

## 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.

**When operating a power tool outdoors, use an extension cord approved for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.

**Do not expose power tools to rain or wet conditions.**

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 mm<sup>2</sup> cross section cord with maximum length of 20m.

**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.

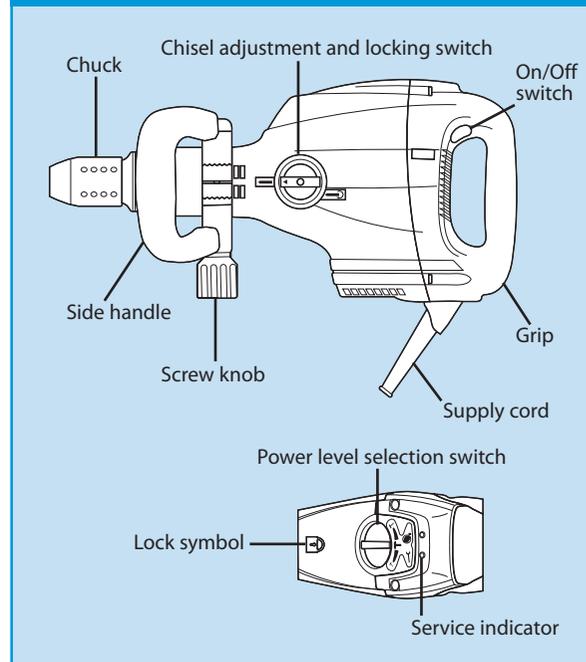
**Keep flexes out of harm's way** and clear of moving parts.

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

**HSS Medium Duty Breaker TE700 is designed for medium-duty chiseling work. It is suitable for breaking/removing and demolishing concrete, masonry, stone or asphalt.**

**Never use the HSS Medium Duty Breaker TE700 until you have fully read and understood this User Guide and the machine has been properly set up** using the information it contains.

**Before setting up the tool ensure that it is not yet connected to the electric supply.**

### SETTING SIDE-HANDLE

To position the side-handle first release the screw knob on the side handle.

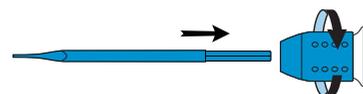
Set the side-handle to a comfortable working position. Secure the side handle by tightening the screw knob.

### FITTING STEEL

Check that the connection end of the steel 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.

Push the insert tool into the chuck and rotate the chuck 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 on it.

Position the insert tool by turning the chisel adjustment and locking switch to the "Rotate chisel" position, then rotate the chisel to the desired position.

Lock the steel by turning the chisel adjustment and locking switch to the "Lock chisel" position.

Rotate the chisel until it engages.

### REMOVING STEEL

**When removing the steel be very careful. The insert tool may become hot during use.** There is a risk of burning the hands. Leave the machine for a while and **let the insert tool cool down.**

### WARNING

**Always wear protective gloves when changing insert tools. Sharp edges of insert tools may injure your hands.**

Once the insert tool is cool enough to be removed unplug the supply cord from the power source.

Open the chuck by pulling back the chuck release sleeve.

Pull the insert tool out of the chuck.

### FAULT INDICATOR AND PROTECTIVE CUT-OUT

When the indicator lamp blinks red a fault has occurred. The power tool has been rendered inoperable. Return the power tool to HSS Hire.

The power tool is equipped with an overheating prevention cut-out. This cut-out may be activated without any warning. The cut-out may also be activated (or the power tool may refuse to start), without the indicator lighting, if a fault in the electric supply is detected.

## 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 hammering mechanism **works only when the tool has reached a minimum operating temperature.**

Bring the drill bit into contact with the base material and allow the tool to run under no load until the minimum