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Hilti TE 3000 Electric Jack Hammer

Safety Instructions

General Power Tool Safety Warnings

a) WARNING! Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference. The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

Work area safety

a) Keep work area clean and well lit. Cluttered or dark areas invite accidents.

b) Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.

c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

Electrical safety

a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

b) 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.

c) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

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

f) If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

Personal safety

a) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.

b) Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

c) Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.

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

e) Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.

Power tool use and care

a) Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

b) Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

c) Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventative safety measures reduce the risk of starting the power tool accidentally.

d) Store idle power tools 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.

e) Use the power tool, accessories and tool bits etc. in accordance with these instructions taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

Safety instructions for breakers

a) Wear ear protectors. Exposure to noise can cause hearing loss.

b) Hold power tools by insulated gripping surfaces, when performing an operation where the cutting tool may contact hidden wiring or its own cord. Cutting accessory contacting a “live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

Personal safety for breakers

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

b) If the insulation on the grips or parts of the casing is damaged, the parts must be replaced before operating the power tool.

c) Breathing protection must be worn and allergy sufferers must wear clothing that covers the skin if the work creates dust.

d) Improve the blood circulation in your fingers by relaxing your hands and exercising your fingers during breaks between working.

e) Always lead the supply cord and extension cord away from the power tool to the rear while working. This helps to avoid tripping over the cord while working.

f) Children must be instructed not to play with the appliance.

g) The appliance is not intended for use by children, by debilitated persons or those who have received no instruction or training.

WARNING - Some dust created by grinding, sanding, cutting and drilling contains chemicals known to cause cancer, birth defects, infertility or other reproductive harm; or serious and permanent respiratory or other injury. Some examples of these chemicals are: lead from lead- based paints, crystalline silica from bricks, concrete and other masonry products and natural stone, arsenic and chromium from chemically- treated lumber. Your risk from these exposures varies, depending on how often you do this type of work. To reduce exposure to these chemicals, the operator and bystanders should work in a well-ventilated area, work with approved safety equipment, such as respiratory protection appropriate for the type of dust generated, and designed to filter out microscopic particles and direct dust away from the face and body. Avoid prolonged contact with dust. Wear protective clothing and wash exposed areas with soap and water. Allowing dust to get into your mouth, eyes, or to remain on your skin may promote absorption of harmful chemicals.

Power tool use and care

a) Check that the insert tools used are compatible with the chuck system and that they are secured in the chuck correctly.

b) In case of an interruption in the electric supply: Switch the power tool off and unplug the supply cord. This will prevent accidental restarting when the electric power returns.

c) Always work from a secure, safe stance.

Electrical safety

a) 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.

b) Check the power tool's supply cord at regular intervals and have it replaced by a qualified specialist if found to be damaged. If the power tool's supply cord is damaged it must be replaced with a specially-prepared supply cord available from Hilti Customer Service. Check extension cords at regular intervals and replace them if found to be damaged. Do not touch the supply cord or extension cord if it is damaged while working. Disconnect the supply cord plug from the power outlet. Damaged supply cords or extension cords present a risk of electric shock.

c) Dirty or dusty power tools which have been used frequently for work on conductive materials should be checked at regular intervals at a Hilti Service Center. Under unfavorable circumstances, dampness or dust adhering to the surface of the power tool, especially dust from conductive materials, may present a risk of electric shock.

d) When working outdoors with an electric tool check to ensure that the tool is connected to the electric supply by way of a ground fault circuit interrupter (GFCI) with a rating of max. 30 mA (tripping current). Use of a ground fault circuit interrupter reduces the risk of electric shock.

e) Use of a ground fault circuit interrupter (GFCI) with a maximum tripping current of 30 mA is recommended.

Work area

a) Ensure that the workplace is well lit.

b) Ensure that the workplace is well ventilated. Exposure to dust at a poorly ventilated workplace may result in damage to the health.

c) If the work involves breaking right through, take the appropriate safety measures at the opposite side. Parts breaking away could fall out and / or fall down and injure other persons.

d) Be sure to keep an adequate distance from other persons and adjacent objects. If necessary, cordon off the area in which you are working.

Operation

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

Preparing for use

CAUTION - Wear protective gloves when changing insert tools as the insert tools get hot through use and they may have sharp edges.

CAUTION - When changing insert tools, take care to handle the locking mechanism correctly. You may otherwise risk pinching your fingers.

CAUTION - Avoid body contact with the guide tube as this part gets hot through use of the power tool.

Fitting the insert tool

NOTE - Use an insert tool of a length suitable for your body height.

1. Disconnect the mains plug from the power outlet.
2. Check that the connection end of the chisel is clean and lightly greased. Clean it and grease it if necessary.
3. Check that the chuck and locking bar are clean and undamaged.
4. Push the insert tool into the chuck and pivot the retaining bar to locking position A for insert tools with a collar or to locking position B for insert tools with a groove (position the chisel so that the groove is facing locking position B).

NOTE - Insert tools with a combined connection end (with collar and groove) can be locked in position A or B, as desired.

5. Check that the chisel has engaged correctly by pulling it.

Removing the chisel

DANGER - Do not lay a hot insert tool down on flammable materials. This could cause the material to ignite, resulting in a fire.

1. Disconnect the mains plug from the power outlet.
2. Open the locking bar by pivoting it approx. 90°.
3. Pull the chisel out of the chuck.

Operation

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.

CAUTION - Take care to stand in a secure position, especially when chiseling breaches in floors, walls or ceilings, and wear protective gloves and safety footwear. The power tool may pull you off balance if you break through suddenly.

CAUTION - Improve the blood circulation in your fingers by relaxing your hands and exercising your fingers during breaks between working.

CAUTION - Take care to ensure that the locking bar is in the correct position in accordance with the information provided in the operating instructions and check that the insert tool is held securely (check by pulling the insert tool). Secure the area below the working area.

CAUTION - Remove the insert tool before laying the power tool down or placing it on the transport trolley. Disconnect the mains plug from the power outlet. Unintentional starting (accidental contact with the on/off switch) may cause the power tool to kick.

Chiseling

NOTE - Working at low temperatures: 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.

Plug the mains plug of the supply cord into the power outlet.

2. Position the tip of the chisel at the point where chiseling is to begin.
3. Press the on / off switch fully.

Switching Off

Release the on / off switch.