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Rotary Hammer

TH2607 TH2608 TH2609

To Be Your Exclusive Helper



TEH



TECHNICAL SPECIFICATION

Model	TH2607	TH2608	TH2609	
Rated voltage	220V 50Hz	220V 50Hz	220V 50Hz	
Rated Input power	800W	800W	800W	
No-load speed	0-900r/min	0-900r/min	0-900r/min	
Impact rate	0-5500bpm	0-5500bpm	0-5500bpm	
Impact energy	3.0J	3.0J	3.0J	
Tool holder	SDS-PLUS	SDS-PLUS	SDS-PLUS	
Drill Capacity	Steel	13mm	13mm	13mm
	Concrete	26mm	26mm	26mm
	Wood	30mm	30mm	30mm
Net Weight	3.2kg	3kg	3.3kg	
Protection class	□/ II	□/ II	□/ II	
Soft grip	No	Yes	Yes	

COMPONENTS AND ACCESSORIES



Accessories included:

- 2 chisel: pointed and flat
- 3 SDS-PLUS drill bits
- 1 13mm drill chuck
- 1 drill chuck connector
- 1 instruction manual

SAFETY INSTRUCTIONS

WARNING ⚠

Read all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or other serious injury. The term “power tools” in all of the warnings listed below refers to mains-operated (corded) power tool or battery operated (cordless) power tool.

WORK AREA

- a) Keep work area clean and well lit. Cluttered and 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 tools. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increases 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.

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 safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce the risk of personal injuries.
- c) 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 the power tools that have the switch on invites accidents.
- d) Remove any adjusting key or wrench before turning the power tool on. A wrench or a key to a rotating part of the power tool may result in personal injury.
- e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- f) Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- g) 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.

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 before making any adjustments, changing accessories, or storing power tools. Such preventive 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 power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

e) Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts, breakage or parts and any other condition that may affect the power tools operations. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

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

SERVICE

a) Tool service must be performed only by qualified personnel. Service or maintenance performed by unqualified personnel could result in risk of injury.

b) When servicing a tool, use only identical replacement parts. This will ensure that the safety of the power tool is maintained.

ADDITIONAL SAFETY INSTRUCTIONS FOR ROTARY HAMMER

1. Dust produced while working can be detrimental to health, inflammable or explosive. Suitable protection measures are required.

2. Light metal dust can burn or explode. Always keep the work place clean since material mixtures are especially dangerous.

3. If the cable is damaged or cut through while working. Do not touch the cable but immediately pull the power plug. Never use the machine with damaged cable.

4. Connect machines that are used in the open via a residual current device (RCD) with an actuating current of 30 mA maximum. Do not operate the machine in rain or moisture.

5. Always direct the cable to the rear away from the machine.

6. Use suitable detectors to find hidden utility lines or call the local utility company for assistance. Contact with electric lines can lead to fire or electrical shock. Damaging a gas line can result in an explosion. Penetrating a water pipe will cause property damage or an electrical shock.

7. Operate the machine only with the auxiliary handle.

8. Secure the work piece. A work piece held with clamping devices or in a vise is more secure than when held by hand.

9. Be careful when screwing in long screws, danger of sliding off.

10. When working, always hold the machine firmly with both hands and provide for a secure stance.






11. Always switch the machine off and wait until it has come to a standstill before placing it down.

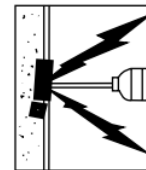
12. To ensure perfect functioning of the machine only if the original accessories intended for it are used.

13. If the drill bit becomes jammed or caught, the drive to the drill spindle is interrupted. Because of the forces that occur as a result, always hold the machine securely with both hands and take a firm stance.

IMPORTANT NOTE

SYMBOLS

-  Read the manual
-  Warning
-  Wearing protection
-  Double insulation
-  WEEE marking



NOISE/VIBRATION INFORMATION

The A-weighted noise levels of the tool are typically:

Sound pressure level: 91 dB(A); Sound power level: 104 dB(A).

Wear ear protections!

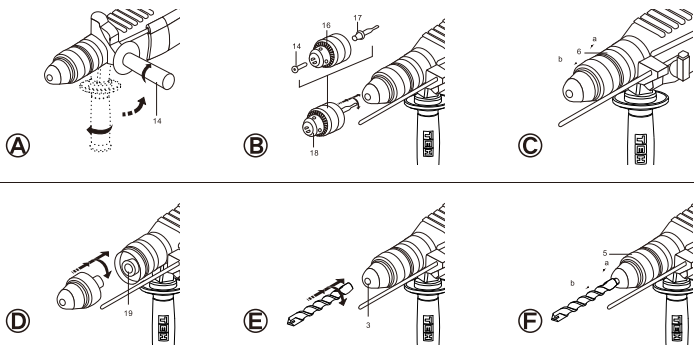
The weighted acceleration is typically 12m/s².

OPERATION INSTRUCTIONS

APPLICATIONS

These machines are intended for hammer drilling in concrete, brick and stone as well as for light chiseling work. They are likewise suitable for drilling without impact in wood, metal, ceramic and plastic.

Machines with electronic control and right/left rotation are also suitable for screw driving and thread cutting.



AUXILIARY HANDLE (SEE FIG.A)

- 1) Operate the machine only with the auxiliary handle.
- 2) By rotating the auxiliary handle to a comfortable position, a fatigue-free and therefore safe working position can be achieved.
- 3) Loosen the auxiliary handle in the counter-clockwise direction and adjust the handle to the desired working position. Ensure that the damping band of the auxiliary handle is located in the groove intended for it in the housing.
- 4) Then retighten the auxiliary handle by turning in the clockwise direction.

SELECTING DRILL CHUCKS AND TOOLS

WARNING ▲

Do not use tools without SDS-plus for hammer drilling or chiseling.

- 1) For hammer drilling and chiseling, SDS-plus tools are required that are inserted in a SDS-plus drill chuck.
- 2) For drilling in steel or wood, for screw driving and for thread cutting, tools without SDS-plus are used (for example, drills with cylindrical shafts). For these tools, a quick change keyless or a ring gear drill chuck is required.
- 3) Tools without SDS-plus and their drill chucks are damaged by hammer drilling or chiseling.

INSERTING/REPLACING THE DRILL CHUCK

Inserting the drill chuck for working with tools without SDS-plus (see Fig. B).

- 1) To work with tools without SDS-plus (e.g., drills with cylindrical shafts), a suitable drill chuck must be used.
- 2) Screw the SDS-plus adaptor (accessory) into the ring gear drill chuck. Secure the drill chuck with the screw.
- 3) Clean the adapter shaft and lightly grease the insertion end before inserting.
- 4) Insert the shaft of the assembled drill chuck with a twisting motion into the tool holder until it can be heard to lock.

- 5) The adapter shaft locks itself. Check the locking by pulling on the drill chuck.
6) To remove the drill chuck, pull the locking sleeve to the rear, hold in this position and remove the drill chuck from the tool holder.

PUTTING INTO OPERATION

WARNING ⚠

Always use the correct supply voltage!

Change the operating mode only when the machine is switched off! Otherwise, the machine can be damaged.

Setting the operating mode

To change the operating mode press the locking button and turn the operating mode selector switch to the desired position until it can be heard to latch.



For hammer drilling in concrete and stone



For drilling in steel or wood, for driving screws and cutting threads



For adjusting the chiseling position (Vario-Lock)



For chiseling

Setting to the direction of rotation
With the right/left rotation switch, the rotational direction of the machine can be changed.

WARNING ⚠

Change the direction of rotation only when the machine is switched off! Otherwise, the machine can be damaged.

Set the direction of rotation for hammer drilling and chiseling always for right rotation.

MAINTENANCE

WARNING ⚠

Remove the plug from the socket before carrying out any adjustment, servicing or maintenance.

INSPECTING THE TOOL

When using dull tool bits this can cause motor malfunction and degraded efficiency. Always replace dull bits with new ones without delay when abrasion is noted.

INSPECTING THE MOUNTING SCREWS

Regularly inspect all mounting screws and ensure that they are properly tightened. Should any of the screws be loose, retighten them immediately. Failure to do so could result in serious injury.

MAINTENANCE OF THE MOTOR

The motor unit winding is the very “heart” of the power tool. Exercise due care to ensure the winding does not become damaged and/or wet with oil or water.

CARBON BRUSHES

If excessive sparking occurs you must have the carbon brushes checked by a qualified electrician. Attention! Only a qualified electrician is allowed to change the brushes.

CLEANING

Unit by rubbing it with a clean cloth or blow it clean using low-pressure compressed air. Keep the safety devices, ventilation slots and Motor housing as free of dirt and dust as possible. We recommend that you always clean the unit immediately after using it.

WARRANTY CARD

Dear customers, the warranty service for purchasing TEH products is as follows:

Under normal use, the wear of the rotor steering gear is less than 0.2 mm within three months from the date of purchase. It is guaranteed that the damage is caused by the quality of the tool.

The following conditions occur during the warranty period, not covered by the warranty:

- Any valid legal document (single ticket) certifying the date of purchase
- Any damage caused by natural wear and overload
- Any damage caused by the use of low-priced inferior accessories
- Any damage caused by improper carrying, transportation or storage
- Any product that has been opened, repaired, replaced, or modified by itself
- Any damage caused by misuse, beyond the scope of use of the tool, and failure to use and maintain in accordance with the instructions.

ladies/gentlemen : _____ employer : _____

contact number : _____ fax number : _____

contact address : _____

warranty record : _____

post code : _____

IMPORTANT NOTE

- The invoice and warranty card must be presented at the time of warranty.
- The fuselage number on the invoice is the same as the fuselage number on the warranty card.
- Once this warranty card is issued, if it is lost, it will not be reissued. Please keep it properly.

Note: The company reserves the right to amend the above provisions and has the final interpretation right in the case that the warranty service does not violate national laws.