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You can read the recommendations in the user guide, the technical guide or the installation guide for MAKITA HR2470. You'll find the answers to all your questions on the MAKITA HR2470 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual MAKITA HR2470
User guide MAKITA HR2470
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Instruction manual MAKITA HR2470



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Manual abstract:

Model Concrete Capacities Core bit Steel Wood No load speed (RPM) Blows per minute Overall length Net weight · Note: Specifications may differ from country to country. Due to our continuing programme of research and development, the specifications herein are subject to change without notice. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. The term "power tool" in all of the warnings listed below refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool. Work area safety 1. Keep work area clean and well lit. 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. 3. Keep children and bystanders away while operating a power tool.

Distractions can cause you to lose control. electrical Safety 4. 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. 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. 6. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. 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 9. @@@@Always wear eye protection. @@ Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents. 12. 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.

This enables better control of the power tool in unexpected situations. 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. 15. 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 16. 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. 17. 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. 18.

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 preventive safety measures reduce the risk of starting the power tool accidentally. 19. 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.

Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control. 22. 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 those intended could result in a hazardous situation. sERVICE 23. Have your power tool serviced by a qualified repair person using only identical replacement parts.

This will ensure that the safety of the power tool is maintained. Keep handles dry, clean and free from oil and grease. Use auxiliary handles supplied with the tool. loss of control can cause personal injury. Hold power tools by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord. Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator. Wear a hard hat (safety helmet), safety glasses and/or face shield. Ordinary eye or sun glasses are NOT safety glasses. it is also highly recommended that you wear a dust mask and thickly padded gloves. Be sure the bit is secured in place before operation.

under normal operation , the tool is designed to produce vibration. The screws can come loose easily, causing a breakdown or accident. check tightness of screws carefully before operation. In cold weather or when the tool has not been used for a long time, let the tool warm up for a while by operating it under no load. Always be sure you have a firm footing.

Be sure no one is below when using the tool in high locations. hold the tool firmly with both hands. Keep hands away from moving parts. Do not point the tool at any one in the area when operating. The bit could fly out and injure someone seriously.

Do not touch the bit or parts close to the bit immediately after operation; they may be extremely hot and could burn your skin. Some material contains chemicals which may be toxic. Take caution to prevent dust inhalation and skin contact. Follow material supplier safety data. @@@@To turn on the lamp, pull the trigger. Release the trigger to turn it off. Use a dry cloth to wipe the dirt off the lens of lamp. @@@@ to start the tool , simply pull the switch trigger. Tool speed is increased by increasing pressure on the switch trigger. release the switch trigger to stop.

@@@@@@Use a twist drill bit or wood bit. Use a bull point, cold chisel, knob to the scaling chisel, etc. @@ the tool will be damaged. @@ Check the line of the quick change drill chuck shows the symbol. @@ place the quick change drill chuck on the spindle of the tool. @@@@This will help prevent premature wear of the tool. @@This is because they will cause the torque limiter to actuate too frequently. CAUTION: Always be sure that the tool is switched off and unplugged before carrying out any work on the tool. Turn the bit and push it in until it engages. After installing, always make sure that the bit is securely held in place by trying to pull it out.

To remove the bit, pull the chuck cover down all the way and pull the bit out. Install the side grip so that the teeth on the grip fit in between the protrusions on the tool barrel. Then tighten the grip by turning clockwise at the desired position. It may be swung 360° so as to be secured at any position. Coat the bit shank head beforehand with a small amount of bit grease (about 0.



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5 - 1 g). This chuck lubrication assures smooth action and longer service life. Then make sure that the bit is securely held in place by turning it slightly. Clean the bit shank and apply bit grease before installing the bit. The depth gauge cannot be used at the position where the depth gauge strikes against the gear housing.

Light pressure gives best results. Keep the tool in position and prevent it from slipping away from the hole. Do not apply more pressure when the hole becomes clogged with chips or particles. Instead, run the tool at an idle, then remove the bit partially from the hole. By repeating this several times, the hole will be cleaned out and normal drilling may be resumed. CAUTION: There is a tremendous and sudden twisting force exerted on the tool/bit at the time of hole break-through, when the hole becomes clogged with chips and particles, or when striking reinforcing rods embedded in the concrete. Always use the side grip (auxiliary handle) and firmly hold the tool by both side grip and switch handle during operations. NOTE: Eccentricity in the bit rotation may occur while operating the tool with no load. the tool automatically centers itself during operation. This does not affect the drilling precision.

Use the dust cup to prevent dust from falling over the tool and on yourself when performing overhead drilling operations. attach the dust cup to the bit as shown in the figure. The size of bits which the dust cup can be attached to is as follows. Dust cup 5 Dust cup 9 After drilling the hole, use the blow-out bulb to clean the dust out of the hole. @@Pressing very hard on the tool will not increase the efficiency. @@@@The quick change drill chuck may be damaged.

@@ there is a tremendous twisting force exerted on the tool/bit at the time of hole breakthrough. Hold the tool firmly and exert care when the bit begins to break through the workpiece. A stuck bit can be removed simply by setting the reversing switch to reverse rotation in order to back out. However, the tool may back out abruptly if you do not hold it firmly.

Always secure small workpieces in a vise or similar hold-down device. When performing diamond core drilling operations, always set the change lever to the position to use "rotation only" action. CAUTION: If performing diamond core drilling operations using "rotation with hammering" action, the diamond core bit may be damaged. CAUTION: Always be sure that the tool is switc.



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