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You can read the recommendations in the user guide, the technical guide or the installation guide for MAKITA BDF453. You'll find the answers to all your questions on the MAKITA BDF453 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual MAKITA BDF453
User guide MAKITA BDF453
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Instruction manual MAKITA BDF453



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Manual abstract:

Model Steel Capacities Wood Wood screw Machine screw No load speed (RPM) Overall length Net weight Rated voltage Standard battery cartridges - 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 2 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. 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. Battery tool use and care 23. Ensure the switch is in the off position before inserting battery pack. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack. 25. Use power tools only with specifically designated battery packs.

Use of any other battery packs may create a risk of injury and fire. 26. When battery pack is not in use, keep it away from other metal objects like paper clips, coins, 3 Keys, nails, screws, or other small metal objects that can make a connection from one terminal to another. Under abusive conditions, liquid may be ejected from the battery, avoid contact. if contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns. sERVICE 28. 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. DO NOT let comfort or familiarity with product (gained from repeated use) replace strict adherence to drill safety rules. If you use this power tool unsafely or incorrectly, you can suffer serious personal injury. 1. 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. 2. Always be sure you have a firm footing. Be sure no one is below when using the tool in high locations. Keep hands away from rotating parts.

@@ 7. Some material contains chemicals which may be toxic. Take caution to prevent dust inhalation and skin contact. Follow material supplier safety data.

@@@@@@@@@It may result in loss of your eyesight. @@@@@@ the battery cartridge can explode in a fire. Be careful not to drop or strike battery. @@@@@@@@@@Insert it fully until the red part cannot be seen. @@Do not use force when inserting the battery cartridge. @@@@ to start the tool, simply pull the switch trigger.

Tool speed is increased by increasing pressure on the switch trigger. @@@@Use the right speed for your job. @@If you operate the tool with the speed change lever positioned halfway between the "1" side and "2" side, the tool may be damaged. Do not use the speed change lever while the tool is running. Depress the reversing switch lever from the A side for clockwise rotation or from the B side for counterclockwise rotation. When the reversing switch lever is in the neutral position, the switch trigger cannot be pulled. cAUTION: Always check the direction of rotation before operation. Use the reversing switch only after the tool comes to a complete stop. Changing the direction of rotation before the tool stops may damage the tool. When not operating the tool, always set the reversing switch lever to the neutral position.

The fastening torque can be adjusted in 17 steps by turning the adjusting ring so that its graduations are aligned with the pointer on the tool body. The fastening torque is minimum when the number 1 is aligned with the pointer, and maximum when the marking is aligned with the pointer.



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The clutch will slip at various torque levels when set at the number 1 to 16. the clutch is designed not to slip at the marking. Before actual operation, drive a trial screw into your material or a piece of duplicate material to determine which torque level is required for a particular application.

CAUTION: Always be sure that the tool is switched off and the battery cartridge is removed before carrying out any work on the tool. **CAUTION:** Make sure that the driver bit is inserted straight in the screw head, or the screw and/or bit may be damaged. When driving wood screws, predrill pilot holes to make driving easier and to prevent splitting of the workpiece. First, turn the adjusting ring so that the pointer points to the marking, then proceed as follows.

Drilling in wood When drilling in wood, the best results are obtained with wood drills equipped with a guide screw. The guide screw makes drilling easier by pulling the bit into the workpiece. **Drilling in metal** To prevent the bit from slipping when starting a hole, make an indentation with a center-punch and hammer at the point to be drilled. place the point of the bit in the indentation and start drilling. Use a cutting lubricant when drilling metals. The exceptions are iron and brass which should be drilled dry. **CAUTION:** Pressing excessively on the tool will not speed up the drilling. In fact, this excessive pressure will only serve to damage the tip of your bit, decrease the tool performance and shorten the service life of the tool. @@@@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.

@@Insert it fully until the red part cannot be seen. @@Adjust the adjusting ring to the proper torque level for your work. Place the point of the driver bit in the screw head and apply pressure to the tool. Start the tool slowly and then increase the speed gradually. Release the switch trigger as soon as the clutch cuts in. If the tool is operated continuously until the battery cartridge has discharged, allow the tool to rest for 15 minutes before proceeding with a fresh battery. It is warranted to be free of defects from workmanship and materials for the period of ONE YEAR from the date of original purchase. Should any trouble develop during this one year period, return the COMPLETE tool, freight prepaid, to one of Makita's Factory or Authorized Service Centers. If inspection shows the trouble is caused by defective workmanship or material,.



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