



SPECIFICATIONS

Model:	DBN600
Nail size	16Ga x 25 / 30 / 32 / 35 / 38 / 40 / 45 / 50 / 57 / 60 / 64 mm
Magazine capacity	100 pcs.
Dimensions without hook (L x W x H) (when using BL1840B battery)	296 x 108 x 318 mm
Rated voltage	D.C. 18 V
Net weight	3.4 - 3.8 kg

- Due to our continuing program of research and development, the specifications herein are subject to change without notice.
- Specifications may differ from country to country.
- The weight may differ depending on the attachment(s), including the battery cartridge. The lightest and heaviest combination, according to EPTA-Procedure 01/2014, are shown in the table.

Applicable battery cartridge

BL1815 / BL1815N / BL1820 / BL1820B / BL1830 / BL1830B / BL1840 / BL1840B / BL1850B / BL1850B / BL1860B

Some of the battery cartridges listed above may not be available depending on your region of residence.

AWARNING: Only use the battery cartridges listed above. Use of any other battery cartridges may cause injury and/or fire.

Symbols

The following show the symbols used for the equipment. Be sure that you understand their meaning before use.

3	Read instruction manual.
	Wear safety glasses.
	Wear ear protection.
	Do not use on scaffoldings, ladders.
-	Keep fingers away from trigger when not driving fasteners to avoid accidental firing.
Ni-MH Li-ion	Only for EU countries Do not dispose of electric equipment or battery pack together with household waste material In observance of the European Directives, on Waste Electric and Electronic Equipment and Batteries and Accumulators and Waste Batteries and Accumulators and their implementation in accordance with national laws, electric equipment and batteries and battery pack(s) that have reached the end of their life must be col- lected separately and returned to an envi- ronmentally compatible recycling facility.

Intended use

The tool is intended for fastening on interior work and furniture work.

SAFETY WARNINGS

General power tool safety warnings

WARNING: Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below 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

- 1. Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- 2. 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

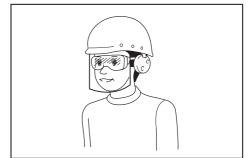
 Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

- 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.
- 3. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- 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.
- 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.
- 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.
- Power tools can produce electromagnetic fields (EMF) that are not harmful to the user. However, users of pacemakers and other similar medical devices should contact the maker of their device and/or doctor for advice before operating this power tool.

Personal Safety

- 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.
- Use personal protective equipment. Always wear eye protection. Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
- 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 energising power tools that have the switch on invites accidents.
- 4. 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.
- 5. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.
- 8. Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.

 Always wear protective goggles to protect your eyes from injury when using power tools. The goggles must comply with ANSI Z87.1 in the USA, EN 166 in Europe, or AS/NZS 1336 in Australia/New Zealand. In Australia/New Zealand, it is legally required to wear a face shield to protect your face, too.



It is an employer's responsibility to enforce the use of appropriate safety protective equipments by the tool operators and by other persons in the immediate working area.

Power tool use and care

- 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.
- 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.
- Disconnect the plug from the power source and/or remove the battery pack, if detachable, 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.
- 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.
- Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- 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.
- Keep handles and grasping surfaces dry, clean and free from oil and grease. Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

 When using the tool, do not wear cloth work gloves which may be entangled. The entanglement of cloth work gloves in the moving parts may result in personal injury.

Battery tool use and care

- 1. Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- 2. Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- 4. 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.
- Do not use a battery pack or tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- Do not expose a battery pack or tool to fire or excessive temperature. Exposure to fire or temperature above 130 °C may cause explosion.
- Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions. Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

Service

- 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.
- 2. Never service damaged battery packs. Service of battery packs should only be performed by the manufacturer or authorized service providers.
- 3. Follow instruction for lubricating and changing accessories.

Cordless nailer safety warnings

- Always assume that the tool contains fasteners. Careless handling of the nailer can result in unexpected firing of fasteners and personal injury.
- 2. Do not point the tool towards yourself or anyone nearby. Unexpected triggering will discharge the fastener causing an injury.
- 3. Do not actuate the tool unless the tool is placed firmly against the workpiece. If the tool is not in contact with the workpiece, the fastener may be deflected away from your target.
- Disconnect the tool from the power source when the fastener jams in the tool. While removing a jammed fastener, the nailer may be accidentally activated if it is plugged in.

- Use caution while removing a jammed fastener. The mechanism may be under compression and the fastener may be forcefully discharged while attempting to free a jammed condition.
- Do not use this nailer for fastening electrical cables. It is not designed for electric cable installation and may damage the insulation of electric cables thereby causing electric shock or fire hazards.
- 7. Always wear safety glasses to protect your eyes from dust or fastener injury.
- 8. Keep hands and feet away from the ejection port area.
- 9. Follow instruction for lubricating and changing accessories.
- 10. Always remove the battery cartridge before loading the fasteners, adjustment, inspection, maintenance or after operation is over.
- 11. Make sure no one is nearby before operation. Never attempt to drive fasteners from both the inside and outside of wall at the same time. Fasteners may rip through and/or fly off, presenting a grave danger.
- 12. Watch your footing and maintain your balance with the tool. Make sure there is no one below when working in high locations.
- 13. Never use fastener driving tools marked with the symbol "Do not use on scaffoldings, ladders" for specific application for example:
 - when changing one driving location to another involves the use of scaffoldings, stairs, ladders, or ladder alike constructions, e.g. roof laths;
 - closing boxes or crates;
 - fitting transportation safety systems e.g. on vehicles and wagons.
- 14. Check walls, ceilings, floors, roofing and the like carefully to avoid possible electrical shock, gas leakage, explosions, etc. caused by stapling into live wires, conduits or gas pipes.
- 15. Use only fasteners specified in this manual. The use of any other fasteners may cause malfunction of the tool.
- 16. Do not tamper with the tool or attempt to use it for other than driving fasteners.
- 17. Do not operate the tool without fasteners. It shortens the service life of the tool.
- 18. Stop driving operations immediately if you notice something wrong or out of the ordinary with the tool.
- 19. Never fasten into any materials which may allow the fastener to puncture and fly through as a projectile.
- 20. Never actuate the switch trigger and contact element at the same time until you are prepared to fasten workpieces. Allow the workpiece to depress the contact element. Never defeat its purpose by securing the contact element back or by depressing it by hand.
- 21. Never tamper with the contact element. Check the contact element frequently for proper operations.
- 22. Always remove fasteners from the tool when not in use.

SAVE THESE INSTRUCTIONS.

AWARNING: DO NOT let comfort or familiarity with product (gained from repeated use) replace strict adherence to safety rules for the subject product. MISUSE or failure to follow the safety rules stated in this instruction manual may cause serious personal injury.

Important safety instructions for battery cartridge

- Before using battery cartridge, read all instructions and cautionary markings on (1) battery charger, (2) battery, and (3) product using battery.
- 2. Do not disassemble battery cartridge.
- 3. If operating time has become excessively shorter, stop operating immediately. It may result in a risk of overheating, possible burns and even an explosion.
- 4. If electrolyte gets into your eyes, rinse them out with clear water and seek medical attention right away. It may result in loss of your eyesight.
- 5. Do not short the battery cartridge:
 - (1) Do not touch the terminals with any conductive material.
 - (2) Avoid storing battery cartridge in a container with other metal objects such as nails, coins, etc.
 - (3) Do not expose battery cartridge to water or rain.

A battery short can cause a large current flow, overheating, possible burns and even a breakdown.

- Do not store the tool and battery cartridge in locations where the temperature may reach or exceed 50 °C (122 °F).
- 7. Do not incinerate the battery cartridge even if it is severely damaged or is completely worn out. The battery cartridge can explode in a fire.
- 8. Be careful not to drop or strike battery.
- 9. Do not use a damaged battery.
- 10. The contained lithium-ion batteries are subject to the Dangerous Goods Legislation requirements.

For commercial transports e.g. by third parties, forwarding agents, special requirement on packaging and labeling must be observed. For preparation of the item being shipped, consulting an expert for hazardous material is required. Please also observe possibly more detailed national regulations. Tape or mask off open contacts and pack up the

battery in such a manner that it cannot move around in the packaging.

- 11. Follow your local regulations relating to disposal of battery.
- 12. Use the batteries only with the products specified by Makita. Installing the batteries to non-compliant products may result in a fire, excessive heat, explosion, or leak of electrolyte.

SAVE THESE INSTRUCTIONS.

CAUTION: Only use genuine Makita batteries. Use of non-genuine Makita batteries, or batteries that have been altered, may result in the battery bursting causing fires, personal injury and damage. It will also void the Makita warranty for the Makita tool and charger.

Tips for maintaining maximum battery life

- 1. Charge the battery cartridge before completely discharged. Always stop tool operation and charge the battery cartridge when you notice less tool power.
- 2. Never recharge a fully charged battery cartridge. Overcharging shortens the battery service life.
- Charge the battery cartridge with room temperature at 10 °C - 40 °C (50 °F - 104 °F). Let a hot battery cartridge cool down before charging it.
- 4. Charge the battery cartridge if you do not use it for a long period (more than six months).

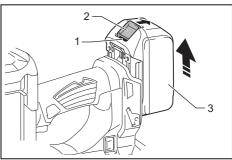
FUNCTIONAL DESCRIPTION

ACAUTION: Always be sure that the tool is switched off and the battery cartridge is removed before adjusting or checking function on the tool.

Installing or removing battery cartridge

ACAUTION: Always switch off the tool before installing or removing of the battery cartridge.

CAUTION: Hold the tool and the battery cartridge firmly when installing or removing battery cartridge. Failure to hold the tool and the battery cartridge firmly may cause them to slip off your hands and result in damage to the tool and battery cartridge and a personal injury.



Red indicator 2. Button 3. Battery cartridge

To remove the battery cartridge, slide it from the tool while sliding the button on the front of the cartridge.

To install the battery cartridge, align the tongue on the battery cartridge with the groove in the housing and slip it into place. Insert it all the way until it locks in place with a little click. If you can see the red indicator on the upper side of the button, it is not locked completely.

CAUTION: Always install the battery cartridge fully until the red indicator cannot be seen. If not, it may accidentally fall out of the tool, causing injury to you or someone around you.

ACAUTION: Do not install the battery cartridge forcibly. If the cartridge does not slide in easily, it is not being inserted correctly.

Tool / battery protection system

The tool is equipped with a tool/battery protection system. This system automatically cuts off power to the motor to extend tool and battery life. The tool will automatically stop during operation if the tool or battery is placed under one of the following conditions:

Overload protection

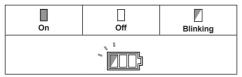
When the tool/battery is operated in a manner that causes it to draw an abnormally high current, the tool automatically stops without any indication. In this situation, turn the tool off and stop the application that caused the tool to become overloaded. Then turn the tool on to restart.

Overheat protection

When the tool/battery is overheated, the tool stops automatically. In this situation, let the tool/battery cool before turning the tool on again.

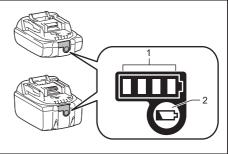
Overdischarge protection

When the battery capacity is not enough, the tool stops automatically and the battery indicator shows following state. In this case, remove the battery from the tool and charge the battery.



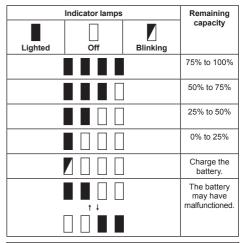
Indicating the remaining battery capacity

Only for battery cartridges with the indicator



• 1. Indicator lamps 2. Check button

Press the check button on the battery cartridge to indicate the remaining battery capacity. The indicator lamps light up for a few seconds.



NOTE: Depending on the conditions of use and the ambient temperature, the indication may differ slightly from the actual capacity.

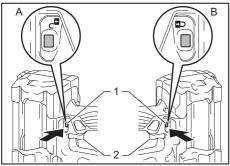
Trigger-lock button

ACAUTION: When not operating the tool, depress the trigger-lock button from B side to lock the switch trigger in the OFF position.

To prevent the switch trigger from accidentally pulled, the trigger-lock button is provided.

To pull the switch trigger, depress the trigger-lock button from A side.

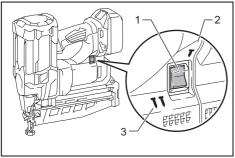
After use, always press in the trigger-lock button from B side.



Trigger-lock button 2. Switch trigger

Nailing mode selection

The tool employs two nailing actions. Select the desired nailing by the mode selecting switch.



1. Mode selecting switch 2. Sequential mode
3. Continuous mode

Intermittent nailing (sequential mode)

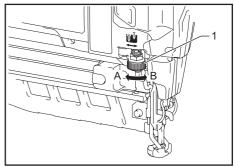
This mode suits for driving a nail carefully and accurately.

Continuous/ intermittent nailing (continuous mode) When the tool is set to this mode, you can choose either continuous or intermittent nailing by sequences of the trigger operation.

Adjusting the nailing depth

AWARNING: Always make sure that your fingers are not placed on the switch trigger or the contact element and the battery cartridge is removed before adjusting the depth of nailing.

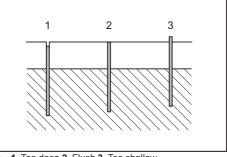
Turn the adjuster to adjust the nailing depth. The nailing depth gets deeper as you turn the adjuster to A direction, shallower to B direction in the figure. The range of the nailing depth adjustment is 3 mm.



1. Adjuster

NOTICE: Do not turn the adjuster too much, or the adjuster may get stuck.

Adjust the nailing depth as necessary.

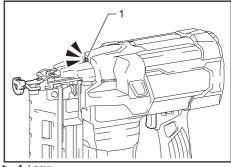


• 1. Too deep 2. Flush 3. Too shallow

Lighting up the lamp

ACAUTION: Do not look in the light or see the source of light directly.

Pull the switch trigger or actuate the contact element to light up the lamp. The lamp keeps on lighting while pulling the switch trigger or actuating the contact element. The lamp goes out approximately 10 seconds after releasing the switch trigger and the contact element.



1. Lamp

NOTE: Use a dry cloth to wipe the dirt off the lens of the lamp. Be careful not to scratch the lens of lamp, or it may lower the illumination.

NOTE: The nailer may not fire nails even if the lamp lights up because the remaining battery power is low. In this case, charge the battery cartridge.

ASSEMBLY

ACAUTION: Always make sure that your fingers are not placed on the switch trigger or the contact element and the battery cartridge is removed before carrying out any work on the nailer.

Loading or unloading the nails

ACAUTION: Always make sure that the battery cartridge is removed before loading the nails. Unintentional firing may cause personal injuries and property damage.

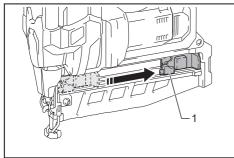
ACAUTION: Do not abruptly slide the pusher lever on the magazine loaded with nails. Accidentally dropping nails especially when working in high places may cause personal injuries.

CAUTION: Load the nails in the correct direction. Loading in wrong direction may cause premature wear and tear of the driver and damage of the other parts.

ACAUTION: Do not use deformed connected nails. Use nails specified in this manual. Using nails other than those specified may cause the nail jamming and breakage of the nailer.

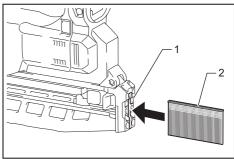
1. Remove the battery cartridge.

2. Pull the pusher lever down ward until it locks with a little click.



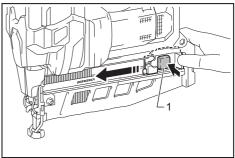
1. Pusher lever

3. Insert a connected nails into the slit on the bottom of the magazine.



- ▶ 1. Slit 2. Connected nail
- 4. Press the pusher button.

The pusher lever is unlocked and it holds the nails in the magazine.



• 1. Pusher button

ACAUTION: Be careful not to place your finger on the rail of the pusher lever when pressing the pusher button. The pusher may hit your finger strongly and cause injury.

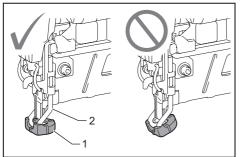
NOTICE: If the inserted connected nails remain in the bottom of the magazine, pusher lever does not return even if you press the pusher button. Bring the connected nails into the magazine so that the entire connected nails can be seen.

To remove nails, follow the installation procedures in reverse.

Nose adapter

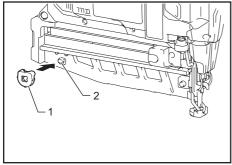
ACAUTION: Always make sure that your fingers are not placed on the switch trigger or the contact element and the battery cartridge is removed before installing the nose adapter.

When firing nails on the material with easily-marred surfaces, use the nose adapter. Put the nose adapter on the front end of the contact element. Make sure that the nose adapter completely covers the front end of the contact element as illustrated.



▶ 1. Nose adapter 2. Contact element

You can store the nose adapter on the holder on the magazine to keep it from being lost.

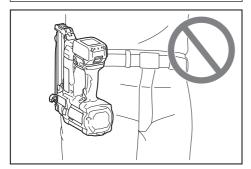


Nose adapter 2. Holder

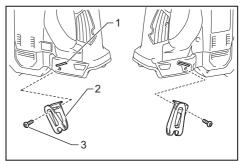
Hook

ACAUTION: Do not hang the hook from the

waist belt. Dropping the nailer, which is caused by the hook accidentally coming out of place, may cause unintentional firing and result in personal injuries.



The hook is convenient for temporarily hanging the tool. This can be installed on either side of the tool. To install the hook, insert it into a groove in the tool housing on either side and then secure it with a screw. To remove, loosen the screw and then take it out.



1. Groove 2. Hook 3. Screw

OPERATION

Inspecting trigger function

ACAUTION: Make sure that the trigger function is in working order before each operation. The tool must not operate only by pulling the trigger or only by placing the contact element against the workpiece. If you find such issues, contact Makita authorized service centers for repairs.

ACAUTION: Before installing the battery cartridge into the tool, always check to see that the switch trigger actuates properly and returns to the "OFF" position when released.

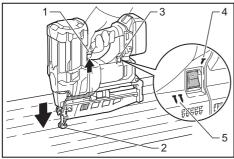
Driving nails

AWARNING: Continue to place the contact element firmly on the material until the nail is driven completely. Unintentional firing may cause personal injuries.

ACAUTION: Do not drive nails on hard materials such as metal or the like. If the nail cannot penetrate the material, the nailer may be kicked back toward you and cause injury.

NOTE: If you drive nails continuously for a long time, the exhaust air will get hot due to the heat from the motor.

The tool employs two nailing actions: intermittent nailing (sequential mode) and continuous/intermittent nailing (continuous mode).



 1. Switch trigger 2. Contact element 3. Mode selecting switch 4. Sequential mode 5. Continuous mode

Intermittent nailing (sequential mode)

1. Set the mode selecting switch to the sequential mode.

- 2. Release the trigger lock.
- 3. Place flat the contact element on the material.
- 4. Pull the switch trigger fully to drive a nail.

5. To drive the next nail, release the switch trigger and contact element once, and then repeat the step 3 and 4 above.

AWARNING: Always be sure to first place the contact element against the workpiece before pulling the trigger.

Continuous/intermittent nailing (continuous mode)

1. Set the mode selecting switch to the continuous mode.

2. Release the trigger lock.

3. Pull the switch trigger first and then place the contact element against the workpiece.

4. To drive the next nail, keep your finger pulling the switch trigger and place the contact element against the workpiece again.

NOTE: This tool stops automatically under the following conditions:

- When you release the switch trigger or contact element from workpiece before the tool finishes the operation completely. In this case, pull the trigger again until the tool turns into standby.
- When keeping either pulling the switch trigger or placing the contact element about 5 seconds without another action. In this case, release the switch trigger or the contact element from workpiece to restart the operation.

Anti dry fire mechanism

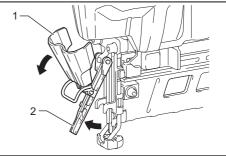
When the remaining nails in the magazine decrease to 6 - 9 pieces, the switch trigger can no longer be pulled. At this time, insert a new strip of nails in the magazine and the switch trigger can be pulled again.

Removing jammed nails

AWARNING: Always make sure that the battery cartridge is removed before removing jammed nails.

ACAUTION: Be sure to lock the latch after removing jammed nails.

Release the latch and open the door. Remove the jammed nails and lock the latch.

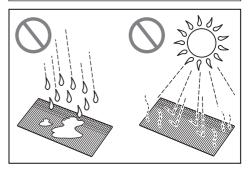


Latch 2. Door

Handling of the nails

Handle nails and their box carefully. If the nails have been handled roughly, they may be out of shape or their connector breaks, causing poor nail feed.

NOTICE: Avoid storing nails in a very humid or hot place or place exposed to direct sunlight.



MAINTENANCE

ACAUTION: Always be sure that the tool is switched off and the battery cartridge is removed before attempting to perform inspection or maintenance.

NOTICE: Never use gasoline, benzine, thinner, alcohol or the like. Discoloration, deformation or cracks may result.

To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by Makita Authorized or Factory Service Centers, always using Makita replacement parts.

OPTIONAL ACCESSORIES

ACAUTION: These accessories or attachments are recommended for use with your Makita tool specified in this manual. The use of any other accessories or attachments might present a risk of injury to persons. Only use accessory or attachment for its stated purpose.

If you need any assistance for more details regarding these accessories, ask your local Makita Service Center.

- Nails
- Makita genuine battery and charger
- Safety goggles

NOTE: Some items in the list may be included in the tool package as standard accessories. They may differ from country to country.

Makita Corporation

885612-8 EN 20170925

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