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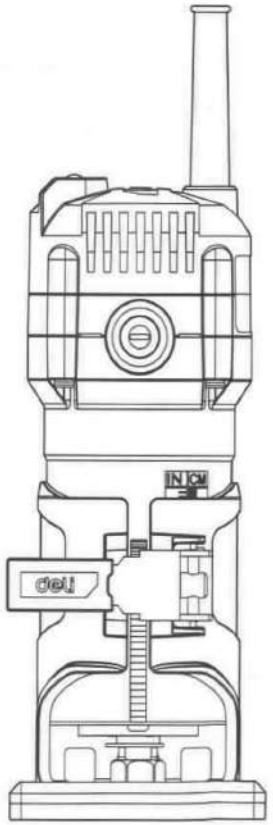
DE-XB550-1E
DE-XB550-1G



EN Laminate Trimmer
DE Trimmer
FR Ébarbeur
ES Recortadora
PT Máquina de desbaste
RU Фрезер
AR آلة التشذيب

Specifications

Model	DE-XB550-1E	DE-XB550-1G
Rated voltage	220-240V~	
Rated frequency	50/60Hz	
Rated input power	550W	
Rated no-load speed	34500/min	
Milling cutter diameter	6mm (1/4")	
Weight	2.0 kg	

Accessories

Trimming guide seat assembly	1 set
Linear assembly	1 set
Wrench 1	1 piece
Wrench 2	1 piece
Template guide plate	1 piece
Dust plate	1 piece
6mm chuck	1 piece

It is recommended to select the accessories from the store where you purchased your power tool. Please refer to the accessories package for more usage and help.

Symbols

 Read the instrution manual

 Warning sign

 Type II tools

 Please wear protectiveearmuffs

 Please wear safety glasses

 Please wear masks

 Always remove the power plug before performing any commissioning and repair work on the machine

 Please ensure that the power cord is not damaged before using the machine

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

1. 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.
2. 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.
4. 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.
5. 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.
6. 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

1. 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.
2. 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.
3. 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.
6. 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.
7. 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.

Power tool use and care

1. 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.
2. 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.
3. 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.

4. 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.
5. 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.
6. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
7. 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.
8. 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.

Service

1. 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.

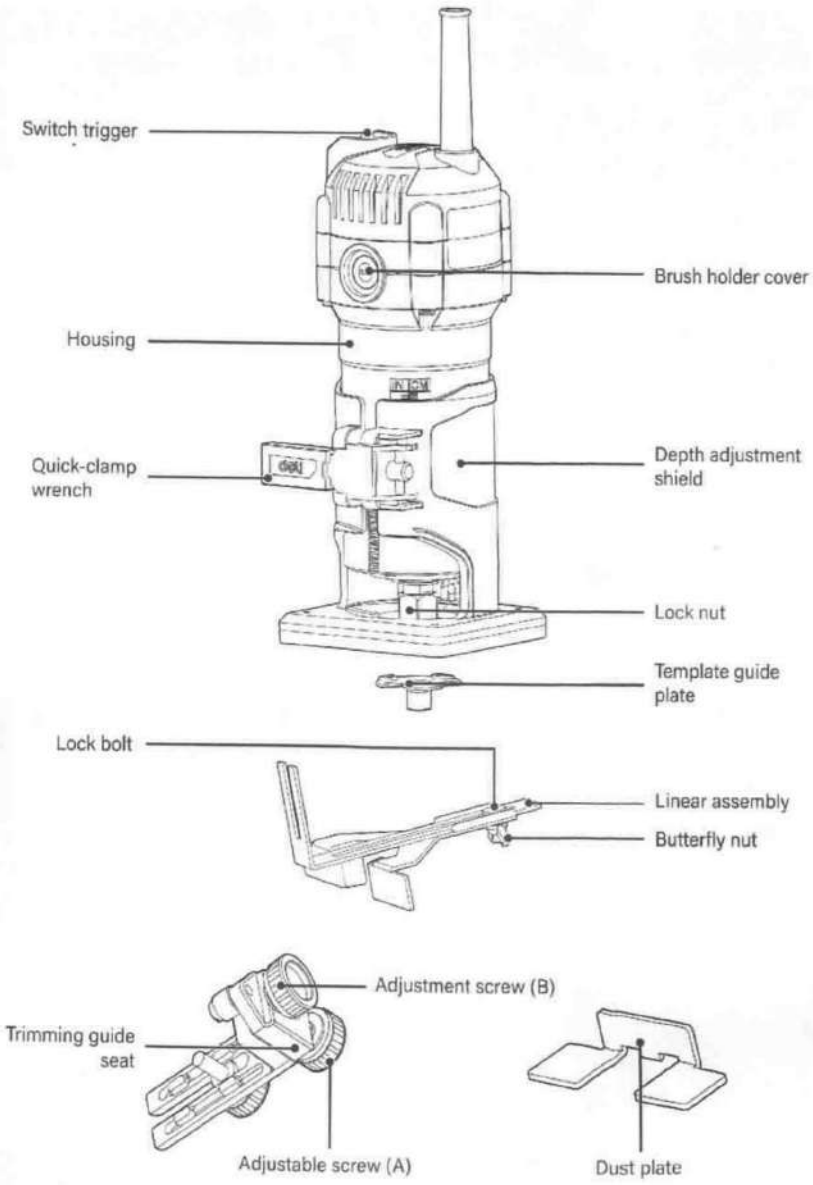
Safety instructions for routers

1. Hold the power tool by insulated gripping surfaces only, because the cutter may contact its own cord. Cutting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
2. Use clamps or another practical way to secure and support the workpiece to a stable platform. Holding the work by your hand or against the body leaves it unstable and may lead to loss of control.

Noise/vibration information

Noise emission values determined according to EN 62841-2-17.
Typically, the A-weighted noise level of the power tool is: Sound pressure level 83 dB(A); sound power level 94 dB(A). Uncertainty k = 5 dB.
Wear hearing protection!

Vibration total values a(triax vector sumand uncertainty k determined accordingto EN 62841-2-17: Drilling in metal:a =4.5m/s, k=1.5m/s
The vibration level and noise emission value given in these instructions have been measured in accordance with a standardised measuring procedure and may be used to com pare power tools. They may also be used for a preliminary estimation of vibration and noise emissions.
The stated vibration level and noise emission value represent the main applications of the power tool. However, if the power tool is used for other applications, with different application tools or is poorly maintained, the vibration level and noise emission value may differ. This may significantly increase the vibration and noise emissions over the total working period.
To estimate vibration and noise emissions accurately, the times when the tool is switched off or when it is running but not actually being used should also be taken into account. This may significantly reduce vibration and noise emissions over the total working period.
Implement additional safety measures to protect the operator from the effects of vibration, such as servicing the
power tool and application tools, keeping their hands warm and organising workflows correctly.



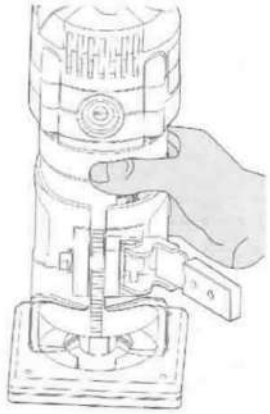
Some of the accessories mentioned in the illustrations or text are not included in the scope of supply.

Note: Read the instruction manual before operation.

Install and adjust

❶ Adjust the extension length of the cutting head

Open the quick-clamp wrench and then move the base up and down according to your needs. Please tighten the quick-clamp wrench to secure the base after completing the adjustment.



❷ On/Off

Note: Always turn off the switch trigger when inserting the machine plug into the power socket.

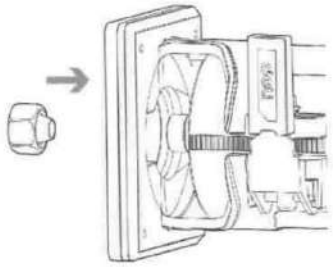
On: please move the switch trigger to the position "I" (ON).

Off: please move the switch trigger to the position "O" (OFF).

❸ Install or remove the cutting head

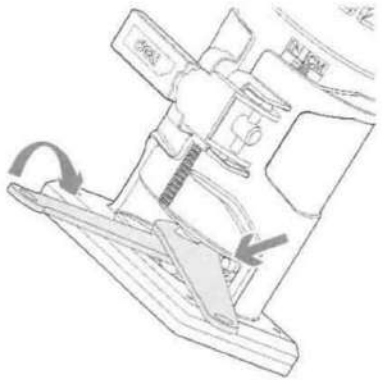
Note: Always remove the power plug before proceeding with the assembly operation.

Install: please remove the lock nut first.



Insert the cutting head into the conical collet that comes with the nut, and then tighten the lock nut with the wrench 1 and wrench 2 (opposite each other) from the accessories.

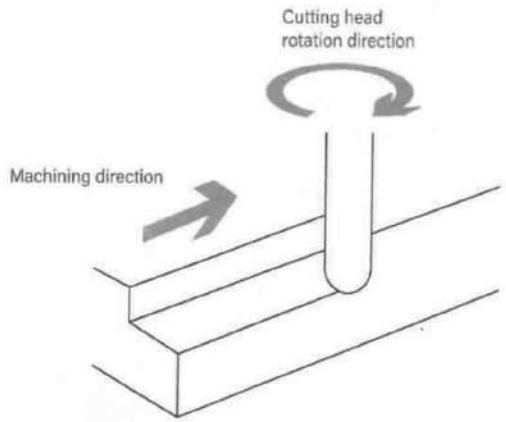
Follow the above installation steps in reverse order to remove the cutting head.



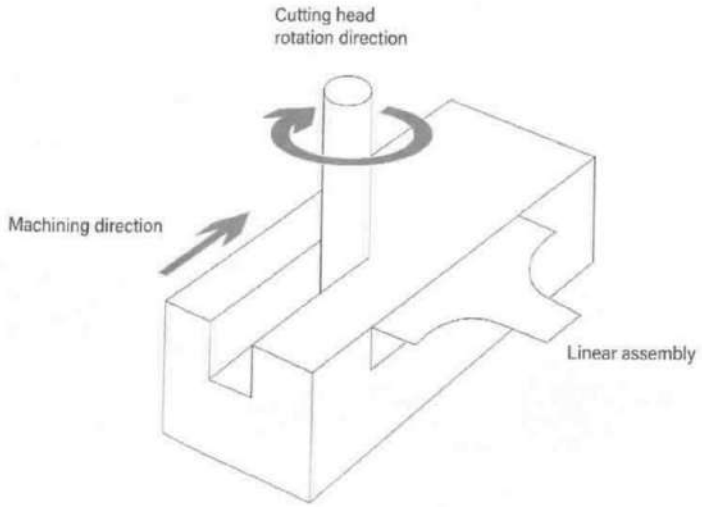
Operation

1. Put the machine base on the workpiece to be cut, and make sure that the cutting head does not come into any contact with the workpiece. After starting the machine, it is necessary to wait for the cutting head to reach its maximum speed before using it.
2. Push the edge trimmer forward on the workpiece surface, taking care to keep the machine base horizontally and stably moving forward until the cutting is completed.

Note: The edge trimmer should be moved forward at a uniform speed. It may affect the cutting effect and damage the cutting head or motor if the edge trimmer moves too fast or too slowly. It is recommended to perform the cutting test on the discarded wood first to accurately observe the cutting situation and cutting dimensions, and then carry out specific cutting work on machined parts.

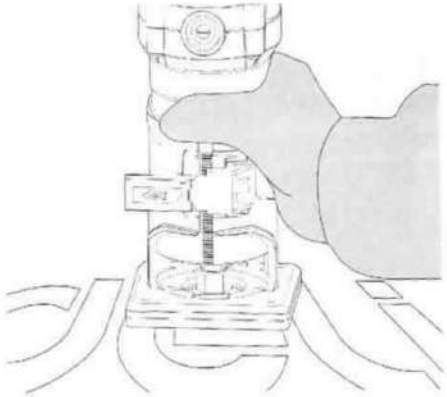


Note: The cutting depth should not be more than 3 mm at a time when cutting groove to prevent excessive cutting and processing from causing motor overload. If you need to cut groove that is more than 3 mm deep, cut it multiple times and gradually deepen the depth of the cutting head.



Template guide plate

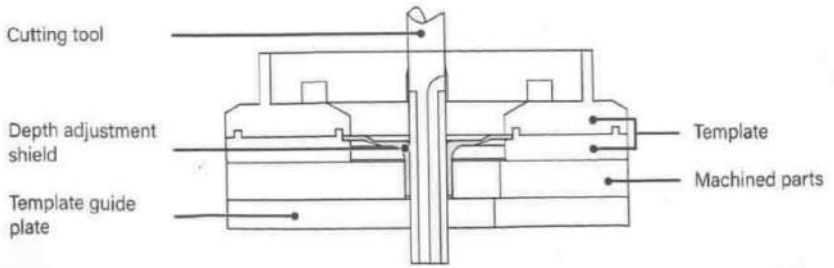
Purpose: it is used to process many materials into the same shape.



Usage:

1. Loosen the screws on the machine base and then remove the base. Place the template guide plate with the groove facing upwards on the base, reinstall the base, and then tighten the screws to secure the base.
2. Place the machine base on the machined part and move the edge trimmer along the edge line of the Template with the template guide plate.

Note: The size of the cut workpiece is slightly different from the size of the template guide plate. To calculate the distance (X) from the cutting head to the outer edge of template guide plate, the following formula can be used: distance (X) = (outer diameter of the template guide plate - cutting head diameter) / 2

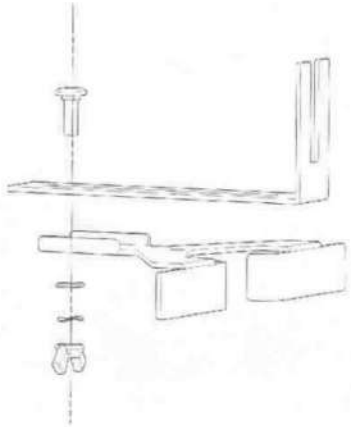


Linear assembly

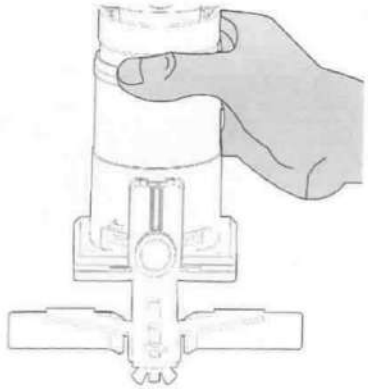
Purpose: it is used for oblique cutting or grooving, and the linear assembly can be used for effectively performing the linear cutting.

Usage:

1. Assemble the linear assembly with lock bolt and butterfly nut, and install the linear guide plate on the machine body with the adjustment screw (A). Loosen the butterfly nut on the linear assembly and adjust the distance between the cutting head and linear assembly. Tighten the butterfly nut when the distance is adjusted appropriately.



2. During cutting, always keep the linear assembly flush with the workpiece edge when moving the edge trimmer. If the distance between the workpiece edge and the cutting position is too wide compared to the linear assembly, or if the workpiece edge is not in a straight line, a linear assembly can be clamped onto the workpiece to support the edge trimmer base and used as a guide plate.



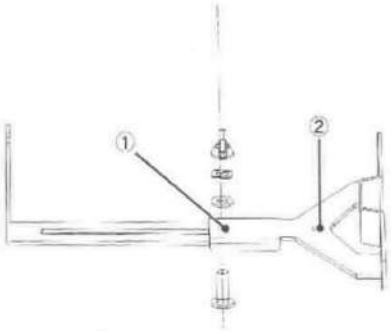
Circle cutting

Purpose: it is used for circle cutting.

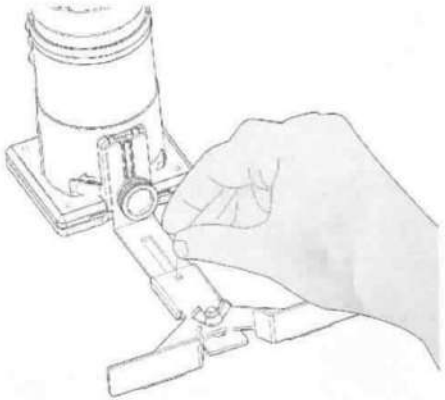
Usage:

1. The minimum and maximum radii (distance from the circle center to the cutting head center) of a circle that can be cut are 60mm and 215.5mm respectively.
   The center holes 1 and 2 are used to cut circles with radii (60 mm to 111.5 mm) and (111.5 mm to 215.5 mm) respectively.

Note: This guide plate cannot be used to cut circles with radii ranging from 164 mm to 182.5 mm.

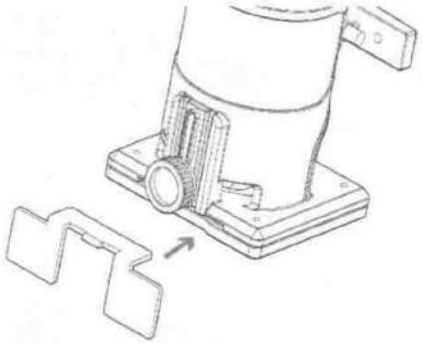


2. Align the center of the circle to be cut with the center hole on the straight plate, and insert a nail that is less than 6mm diameter into the center hole to secure the linear assembly. Rotate the edge trimmer clockwise around the nail.



Dust plate

Purpose: it is used for fine machining of workpieces together with the trimming guide seat.
Usage: insert the dust plate into the base and then install it into the trimming guide seat, which will effectively prevent dust from flying out from the side and facilitate safe observation.

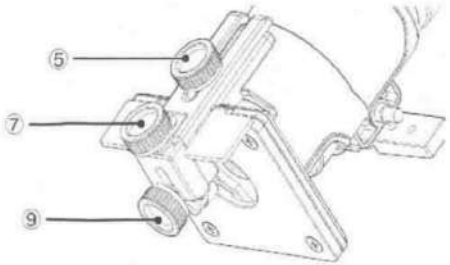


Trimming guide seat

Usage: it is used for the trimming and curve cutting of furniture laminates and similar objects. The guide moves on the curve to ensure fine cutting.
Usage:

1. Install the trimming guide seat on the base with the adjustment screw (A) (5).
2. Loosen the adjustment screw (A) (9) and adjust the distance between the cutting head and the trimming guide seat by turning the adjustment screw (B) (7) (1mm per turn).
3. After adjusting to the required distance, tighten the adjustment screw (A) (9) to secure the trimming guide seat.

Note: during cutting, keep the roller tightly against the workpiece edge when moving the edge trimmer.

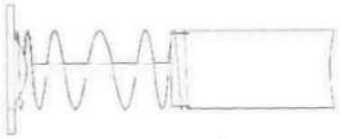


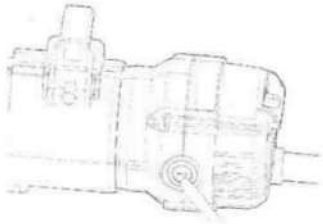
Replacing carbon brushes

Please regularly check the wear level of carbon brush, and make sure to replace it when it reaches the wear limit.
Usage: remove the brush holder box with a screwdriver, take out the worn carbon brush, insert a new carbon brush, and then tighten the brush holder box.

Note:

1. please use the same type of carbon brush and check if the new brush can slide freely in the brush holder to avoid any trouble from the machine.
2. Keep the carbon brush clean.





Maintenance

Caution: Before performing any replacement or maintenance work on the machine, be sure to pull out the plug first.

Your power tool does not require any additional lubricating oil or other maintenance. Do not clean your power tools by using water or chemical cleaning agents, just wipe them clean with a dry cloth. Tools should be stored in a dry environment and kept clean at the motor vents. Try not to use it in a dusty environment.

Environmental protection

Disposal of waste
In response to environmental protection, the damaged machines, accessories and packaging materials must be sorted carefully for easy recycling.
In order to facilitate sorting and recycling, all plastic parts are marked with materials.

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Product Warranty Card

Dear users :
Thank you for buying our products. In order to ensure your profit, users who buy our products can contact local distributor or Specified repair stations with invoice and warranty cards if the product failures due to quality problems.

Warranty Notice:

1. From _____ (Year/Month/Day) to _____ (Year/Month/Day).If the failure happen in normal use, our company will provide free warranty, parts replacement and other services according to the failure situation.
2. This warranty card and purchase invoice are the voucher of after-sales service provided by our company to customers. The card must be detailed only after filling in the following form and affixing the official seal with the distributor.
3. In one of the following cases, free warranty service will be invalid, and maintenance fees will be required:
   (1) Exceed the expiration date.
   (2) Failure or damage caused by not following the requirements of the product manual, maintenance or improper storage.
   (3) Failure or damage caused by disassembling, repairing or modication of the product without the permission of our company.
   (4) Machine breakdown or damage caused by force majeure.
   (5) Consumable accessories.

This card is issued with the product. One card for one machine, to ensure that you can fully enjoy the right to free warranty service provided by the company, please keep this card properly, lost will not be replaced.

Purchase Date: _____ (Year/Month/Day)