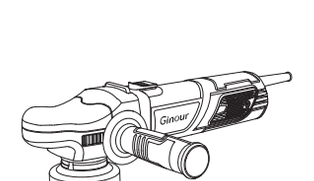
Ginour

Dual Action Polisher
Model: DP502



Please read the user guide carefully and follow the instructions when using the product. Keep this guide for future reference.

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Ginour Right Results, Right Away

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Made in China

TPKPT0049 -V1.1

Ginour

SKU	TPKPT0049 -V1.1-美规
物料名称	骑马钉说明书
材质	80g书纸
印刷	单黑/封面背面留白不印刷
尺寸	145*210mm
公差	±1mm
版本号	V1.1
设计师	陈丽文
日期	2022.06.06

☒ Warning!

When using this electrical appliance, basic safety precautions should always be followed, including the following:

- Do not modify the device under any circumstances.
- Do not use this device if any parts are damaged.
- Only qualified technicians should be allowed to perform repairs.
- Do not use the device if any signs of power adaptor or cord damage or product deterioration.
- Dispose of the product safely in accordance with local regulations.
- Never dispose of the product in fire or water as this increases the risk of explosion or contaminating the environment.
- Do not use the device for anything other than its intended purpose.

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.

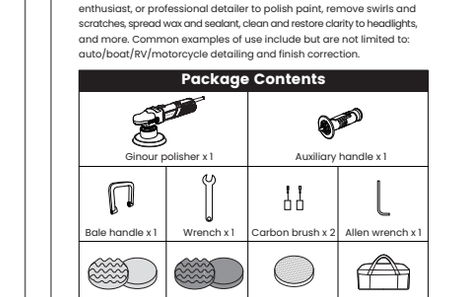
- Always keep the work area clean and well-lit. Cluttered or dark areas increase risk of accidents.
- Stay alert, watch what you are doing, and use common sense when operating a power tool. Distractions increase risk of accidents.
- Always keep handles and grasping surfaces dry, clean, and free from oil and grease. Slippery handles and grasping surfaces increase the risk of unsafe handling and uncontrolled movement of the tool.
- Power tools create sparks that may ignite dust or fumes. DO NOT use power tools in the presence of flammable liquids, gases, dust, or in other explosive environments.
- Water entering a power tool will increase the risk of electric shock. NEVER expose a power tool to rain or wet conditions.
- Damaged or entangled cords increase the risk of electric shock. NEVER 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.

- When operating a power tool outdoors, use an extension cord suitable for outdoor use. The use of a cord suitable for outdoor use reduces the 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 touching earthed or grounded surfaces.
- 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.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to a power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or plugging in power tools that have the switch on increase risk of accidents.
- Stop using the power tool if the switch malfunctions. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- Use personal protective equipment such as a dust mask, non-skid safety shoes, hard hat, eye protection, or hearing protection for appropriate conditions to reduce personal injuries.
- 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.
- DO NOT wear loose clothing, jewelry, or long hair/wigs that will be caught in moving parts. ALWAYS keep your hair, clothing, and gloves away from moving parts.
- DO NOT operate this tool for long periods. Vibration caused by the operating action of this tool may cause permanent injury to fingers, hands, and arms. Use gloves to provide extra cushioning, take frequent rest periods and limit the daily time of use.
- DO NOT allow inexperienced persons to operate the power tool without supervision. Store idle power tools out of the reach of children.
- Clean out your tool often, especially after heavy use. Dust and grit-containing metal particles often accumulate on interior surfaces and could create an electric shock hazard.

- 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. Never use the power tool if damaged.

Intended Use

This Ginour dual action polisher is designed for any beginner, DIY enthusiast, or professional detailer to polish paint, remove swirls and scratches, spread wax and sealant, clean and restore clarity to headlights, and more. Common examples of use include but are not limited to: auto/boat/RV/motorcycle detailing and finish correction.



Package Contents

Ginour polisher x 1		Auxiliary handle x 1	
Bale handle x 1	Wrench x 1	Carbon brush x 2	Allen wrench x 1
6" polishing pad set (coarse) x 1	6" finishing pad set (fine) x 1	6" wool pad x 1	Storage bag x 1

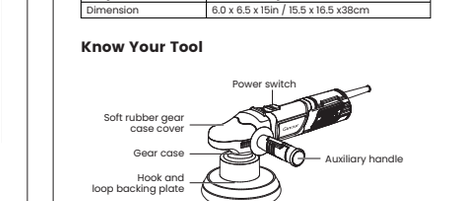
Note: Each pad set includes 1 waffle foam pad and 1 flat foam pad.

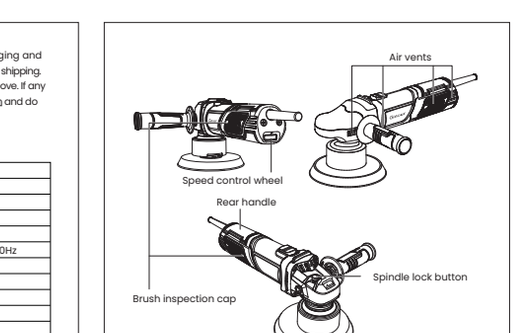
☒ **WARNING!** Carefully remove the product from the packaging and examine it for any sign of damage that may have happened during shipping. Lay the contents out and check them against the parts shown above. If any part is damaged or missing, please contact support@ginour.com and do not attempt to use the product.

Specifications

Model	DP502
SKU	TPKPT0049
Power Supply	AC
Rated Power	900W
n.	2000 – 6400r/min
Input	US: 120V~, 60Hz EU/UK: 230V~, 50Hz
Rotation Mode	Dual Action
Eccentricity	9mm
Cable Length	9.8ft / 3m
Backing Plate Size	US: Ø 6" EU/UK: Ø 150 mm
Weight	7.47lb / 3.39kg
Dimension	6.0 x 6.5 x 15in / 15.5 x 16.5 x38cm

Know Your Tool





(FIG. 1)

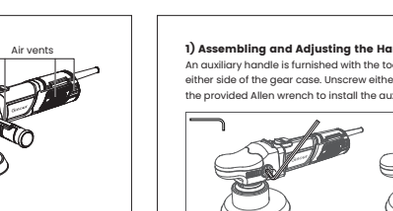
☒ **WARNING!** A spindle lock button (FIG. 1) has been provided in the gear head of the machine to prevent the spindle of the tool from rotating while installing or removing the counterweight and other parts inside the gear case. The installation and removal of internal parts must be performed by professionals. To lock the spindle, depress and hold the lock button. NEVER DEPRESS THE SPINDLE LOCK BUTTON WITH THE TOOL RUNNING OR COASTING.

Using the Tool

☒ **WARNING!** DO NOT use under wet conditions or in presence of flammable liquids or gases.
☒ **WARNING!** DO NOT let children come into contact with the tool. Supervision is required when inexperienced operators use this tool.

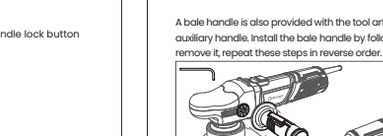
1) Assembling and Adjusting the Handles

An auxiliary handle is furnished with the tool and can be installed on either side of the gear case. Unscrew either side of the gear case with the provided Allen wrench to install the auxiliary handle. (FIG. 2)

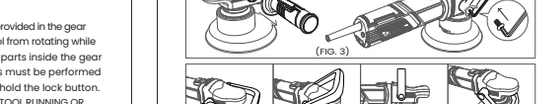


(FIG. 2)

A bale handle is also provided with the tool and can be used in place of the auxiliary handle. Install the bale handle by following the instructions below; to remove it, repeat these steps in reverse order. (FIG. 3)



(FIG. 3)

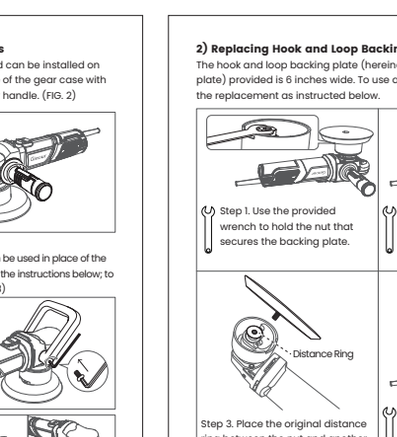


(FIG. 4)

☒ **WARNING!** To avoid finger injury from the high-speed rotation of the backing plate, NEVER secure the bale handle in a position under the soft rubber gear case cover. (FIG. 4)
☒ **WARNING!** Before using the tool, ensure that the handle is secure. Use the handle at all times to maintain complete control of the tool.

2) Replacing Hook and Loop Backing plate

The hook and loop backing plate (hereinafter referred to as backing plate) provided is 6 inches wide. To use another backing plate, follow the replacement as instructed below.



Step 1. Use the provided wrench to hold the nut that secures the backing plate.

Step 2. Firmly holding the nut, use your other hand to turn the backing plate counter-clockwise to remove it.

Step 3. Place the original distance ring between the nut and another backing plate.

Step 4. Firmly holding the nut; use your other hand to turn the backing plate clockwise to secure it.

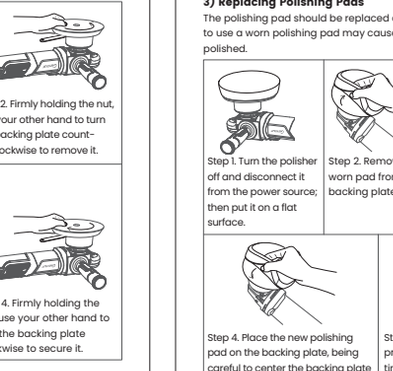
(FIG. 5)

☒ **WARNING!** To reduce the risk of serious personal injury, turn the tool off and disconnect the tool from the power source before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury. Before reconnecting the tool, check the switch to ensure that the tool is off.

☒ **WARNING!** To reduce the risk of serious personal injury, always make sure the backing plate is firmly secured to the nut before turning the tool on.

3) Replacing Polishing Pads

The polishing pad should be replaced after prolonged use; continuing to use a worn polishing pad may cause damage to the surface being polished.



Step 1. Turn the polisher off and disconnect it from the power source; then put it on a flat surface.

Step 2. Remove the worn pad from the backing plate.

Step 3. Clean the backing plate to remove substances (if any) that hinder the adhesion, such as dust, dirt, or hairs.

Step 4. Place the new polishing pad on the backing plate, being careful to center the backing plate with the polishing pad.

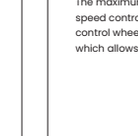
Step 5. Before using the polisher, press the polishing pad several times to make sure it is flat and secure.

(FIG. 6)

☒ **WARNING!** To reduce the risk of serious personal injury, turn the tool off and disconnect the tool from the power source before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury. Before reconnecting the tool, check the switch to ensure that the tool is off.
☒ **WARNING!** To prevent the tool from casting off the polishing pad and damaging the surface to be polished, always make sure the polishing pad is secure.

4) Speed Control Wheel

The maximum speed of the tool can be changed by rotating the speed control wheel to the desired settings as shown below. The speed control wheel can be set for any speed between 2000 and 6400 OPM, which allows you to select the optimal speed to suit the job.

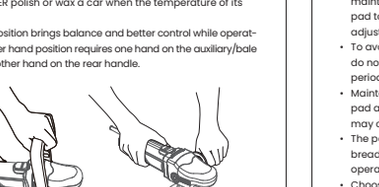


SETTING	SPEED (OPM)	USAGE	SUITABLE PAD	SUITABLE COMPOUND / POLISH
1	2000	Waxing & buffering	Finishing pad	Finishing polish, wax, sealant
2	2600	Waxing & buffering		
3	3400	Polishing & cleaning	Polishing pad	Mid-grade compound
4	4500	Polishing & cleaning		
5	5600	Removing paint defects & oxidation	Wool pad	Heavy-duty compound
6	6400	Removing paint defects & oxidation		

5) Polishing and Waxing

☒ **WARNING!** Before using the tool, make sure the area to be polished is clean with no sand, dirt, or other solid particles adhered to it.
☒ **WARNING!** NEVER polish or wax a car when the temperature of its surface is high.

- A proper hand position brings balance and better control while operating the tool. Proper hand position requires one hand on the auxiliary/bale handle and the other hand on the rear handle.



(FIG. 7)

- You should use the utmost care when power polishing around or over sharp objects and contours of the car body. It is very important to use the correct pressure while polishing various sections of an automobile body.
- Because different polishers produce different results, we recommend cleaning and polishing a test section on a flat area of the car first. You can judge the strength or cleaning action of the work to be done based on the results of this test section.
- The high-speed rubbing action of the polishing pad upon the surface of an automobile can build a static charge on the metal portions of this tool. This can result in a sensation of a very short mild electric shock when the metal area of the tool is touched and will be more noticeable on days when the humidity is low. This is a harmless phenomenon but if you have doubts that there is an electrical malfunction, please take the tool to a professional to be inspected.

- The polishing surface needs to be in parallel contact with the polishing pad, as well as applying even pressure to the polisher.
- To reduce the wear speed of the polishing pad, it is necessary to maintain the right amount of polishing compound on the polishing pad to keep suitable moisture. The speed of fine polishing can be adjusted to be higher than the speed of rough polishing.
- To avoid unsatisfactory polishing results or car body paint damage, do not apply excessive pressure to a machined part for an extended period of time.
- Maintain a tilt angle of fewer than 30 degrees between the polishing pad and polishing surfaces to prevent a narrow contact area, which may cause overheating and damage to car paint.
- The polishing range should be limited to your maximum shoulder breadth for better polishing effect, pressure control, and longer operating time.
- Choose a proper polishing speed setting. If the polishing machine runs too fast and the pressure control is unbalanced, it may lead to uneven polishing.

6) Kickback and Related Warnings

Kickback is a sudden reaction to a pinched or snagged rotating wheel, backing plate, brush, or any other accessory. Pinching or snagging causes rapid stalling of the rotating accessory which in turn causes the uncontrolled power tool to be forced in the direction opposite of the accessory's rotation at the point of the binding. For example, if an abrasive wheel is snagged or pinched by the workpiece, the edge of the wheel that is entering into the pinch point can dig into the surface of the material causing the wheel to climb out or kick out. The wheel may either jump toward or away from the operator, depending on the direction of the wheel's movement at the point of pinching. Abrasive wheels may also break under these conditions. Kickback is the result of power tool misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below.

- Never place your hand near the rotating accessory. The accessory may kick back over your hand.
- Maintain a firm grip on the power tool and position your body and arm to allow you to resist kickback forces. Always use an auxiliary handle for maximum control over kickback or torque reaction during start-up.
- Do not position your body in the area where the power tool will move if kickback occurs. Kickback will propel the tool in the direction opposite to the wheel's movement at the point of snagging.
- Use special care when working corners, sharp edges, etc. Avoid bouncing and snagging the accessory. Corners, sharp edges, or bouncing have a tendency to snag the rotating accessory and cause loss of control or kickback.
- Do not attach a saw chain woodcarving blade or toothed saw blade. Such blades create frequent kickback and loss of control.
- Do not allow any loose portion of the polishing pad or its attachment strings to spin freely. Tuck away or trim any loose attachment strings. Loose and spinning attachment strings can entangle your fingers or snag on the workpiece.

Care and Maintenance

Proper tool care and regular cleaning are required for the continued satisfactory operation of this tool.

1) Cleaning:

Check that the air vents are clean and unobstructed before and after the operation. Remove the brush inspection caps to blow dirt and dust out of the tool with dry air at least once a week.

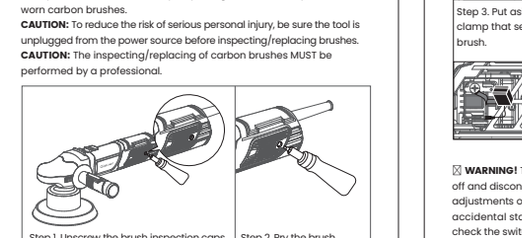
☒ **WARNING!** Always wear proper eye protection and respiratory protection when blowing dirt and dust out of the tool.
☒ **WARNING!** Never use solvents or other harsh chemicals for cleaning. Use a cloth dampened ONLY with water and mild soap. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.

2) Lubrication

Before reaching users, this tool has been properly lubricated and is ready to use. However, the tool should be lubricated regularly if it is in constant use for heavy-duty jobs, or if it is exposed to heat. This lubrication should only be performed by a professional. Never lubricate the tool yourself if you are unfamiliar with power tools.

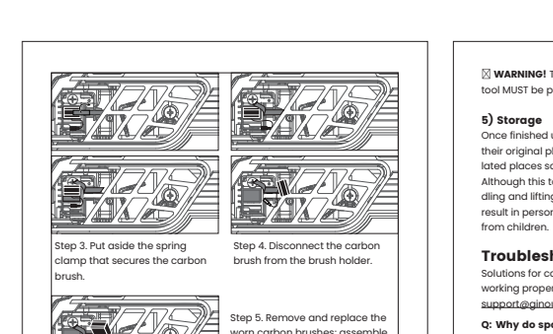
3) Replacing Carbon Brushes

Carbon brushes should be regularly inspected for wear. Keep brushes clean and sliding freely in their guides. When the carbon brushes are nearly consumed, immediately stop using the tool and replace the worn carbon brushes.
CAUTION: To reduce the risk of serious personal injury, be sure the tool is unplugged from the power source before inspecting/replacing brushes.
CAUTION: The inspecting/replacing of carbon brushes MUST be performed by a professional.



Step 1. Unscrew the brush inspection caps located on the sides of the rear handle.

Step 2. Pry the brush inspection caps away from the rear handle.



Step 3. Put aside the spring clamp that secures the carbon brush.

Step 4. Disconnect the carbon brush from the brush holder.

Step 5. Remove and replace the worn carbon brushes; assemble the polisher in reverse order.

(FIG. 8)

☒ **WARNING!** To reduce the risk of serious personal injury, turn the tool off and disconnect the tool from the power source before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury. Before reconnecting the tool, check the switch to ensure that the tool is off.

4) Accessories

Check periodically for loose, broken, or damaged parts/accessories. Stop using the tool when there are malfunctioning parts/accessories.

☒ **WARNING!** To reduce the risk of injury, use ONLY original parts/accessories with this product. Never substitute parts/accessories.

☒ **WARNING!** To assure product SAFETY and RELIABILITY, repairs of the tool MUST be performed by a qualified professional.

5) Storage

Once finished using the tool, stow the tool and accessories back into their original place for next time use. Stow the tool in clean and ventilated places so that the tool does not accumulate dust over time. Although this tool is small in size, care must still be taken when handling and lifting. Dropping this tool will affect its accuracy and may also result in personal injury. This tool is not a toy and it must be kept away from children.

Troubleshooting

Solutions for common issues are listed below. If the polisher still not working properly, feel free to contact our customer service by emailing support@ginour.com.

Q: Why do sparks and a burning odor suddenly appear?
A: Please check whether the carbon brushes are worn:
1. Sparks may show up when the carbon brushes are nearly consumed. In this case, stop using the polisher immediately, replace the worn carbon brushes, and the tool should resume normal operation.
2. Overloading or applying too much pressure will bring undesirable resistance to the armature coil and raise its temperature, thus burning the coil and creating a burning odor. To avoid this, apply the right amount of pressure to the tool according to the actual application.

Q: Why does the wool pad shed?
A: This is normal during use, and you can continue to use it.

Q: Why is the polishing pad badly damaged?
A: It's possible to be caused by the following factors:
1. Too much pressure applied to the polisher, which increases the friction between the polished surface and the pad. Please keep proper footing and balance to apply the right amount of pressure to the polisher at all times.

2. The surface to be polished is rough due to defects and oxidations, which snags and damages the polishing pad. Use another pad of a heavier cut level to remove defects and oxidations before polishing.

Q: Why did the polisher stop operating, and there is a burning smell?
A: It could be due to not replacing the carbon brushes in time, please replace them with new ones. When the carbon brush is severely worn out, a poor connection with the commutator occurs, causing sparks to increase, and a burning odor occurs during operation.

Q: Why does the polisher not work after just receiving it?
A: We guarantee that all polishers have been powered up and briefly used before delivery to ensure that each polisher delivered is functional. If your polisher won't start, please try the following methods:
1. Change the power socket or check the connection between the plug and the socket.
2.Check the carbon brushes, which may be stuck, preventing the polisher from working.

Q: Why does the polisher stop rotating and just vibrate when applying pressure to it?
A: 1. There is an off-center connection between the motor of a random orbit/dual action polisher and the polishing pad, which makes the polisher shake/vibrate. This creates smaller circular motions within the head. The circular motion may be unnoticeable due to low vibration on low-speed settings; it'll be more noticeable at higher speed settings.
2. a) A random orbit/dual action polisher smooths paint more slowly and is used for polishing, waxing, and glazing of light or medium point damage, and is not suitable for polishing severely damaged surfaces; a rotary polisher is recommended for heavy-duty polishing.
b) A random orbit/dual action polisher is intended for use by beginners requiring fewer operation techniques and has a lower risk of damaging the paint. The rotary polisher is a more aggressive solution requiring a lot of operation techniques and it is only really suitable for use by experienced operators.

Q: Why does the polisher scratch paint?
A: 1. Check if the polishing pad is worn; a worn polishing pad creates chances for the backing plate to polish the paint directly, which will scratch the paint.
2. Check if the polishing pad is seamlessly attached to the backplate, misplaced polishing pad creates chances for the backing plate to damage the paint as well.

Q: What polishing pads are used for this polisher?
A: 1. You can use the pads provided in the package.
2. You can use other 6" wide cutting/polishing pads, be sure the pads fit the work to be performed.

Q: Why does the polisher make noise inside when I switch it on? What is the reason?
A: If it is the noise of bearings inside the head of the tool during polishing, then is it normal. If it sounds like other parts are loose or misplaced, stop using the polisher and have it inspected by a professional.

Q: What should I pay attention to when using a polishing pad/backing plate?
A: 1. Keep the polishing pad clean and dust-free before polishing.
2. Change the polishing pad when it is worn or too dirty to clean.
3. Before polishing, make sure the polishing pad is seamlessly attached to the backing plate and the backing plate is secure.
4. Turn off the polisher and disconnect from the power source before replacing the polishing pad or backing plate.

Q: Why does it polish unevenly?
A: Clogged or damaged pads are unable to fully contact the surface, resulting in uneven cutting/polishing. If the polishing pad becomes clogged with too much dust or dirt, or becomes worn, it should be replaced.

Q: Why did the polisher stop working after only a few months of use?
A: The polisher can stop working for many reasons. Check if the power cable is broken due to damage. Check for misalignment or binding of moving parts, broken parts, or any other condition that may affect the power tool's operation. If it still continues to malfunction, stop using it and have it inspected by a professional.

Warranty

- 24-month warranty
- Lifetime dedicated technical support

Above warranty is void under these conditions:

- Damage caused by force majeure
- Accidental damage, misuse, abuse, neglect
- Expiry of warranty period

Contact us at support@ginour.com if there is any issue or technical problem.
Follow Ginour on

Environmental Protection

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

CE We, Ginour Technology (Shenzhen) Co., Ltd., hereby declare that this equipment is in compliance with the applicable Directives and European Norms, and amendments. Refer to the following website for qualifications of the product testing agency: https://www.eurofins.cn/en/accreditations. To check test reports and DOC of the product, please contact us: support@ginour.com.

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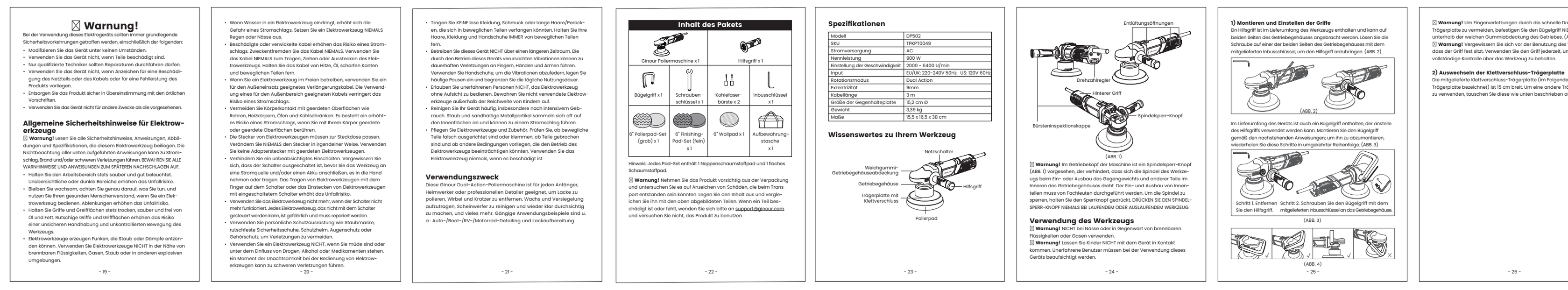

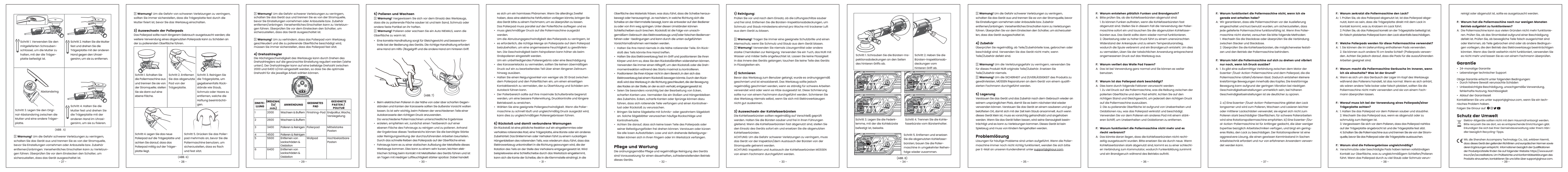

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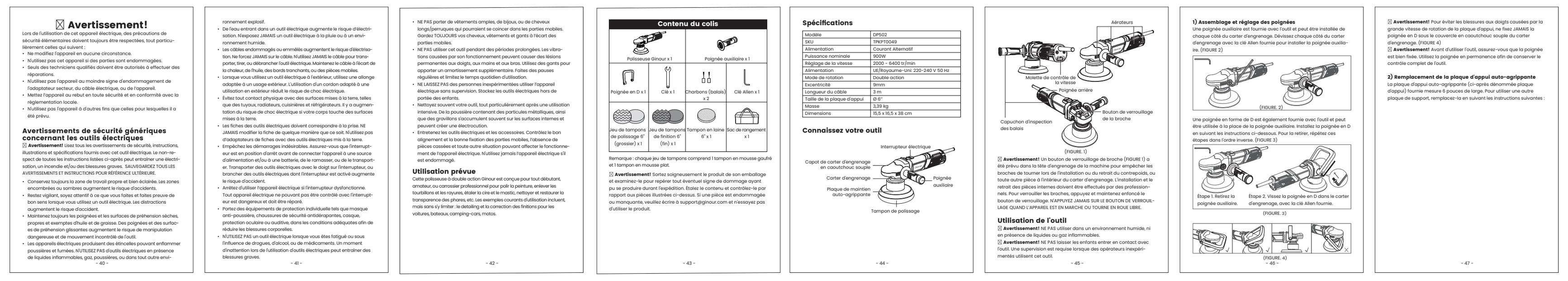

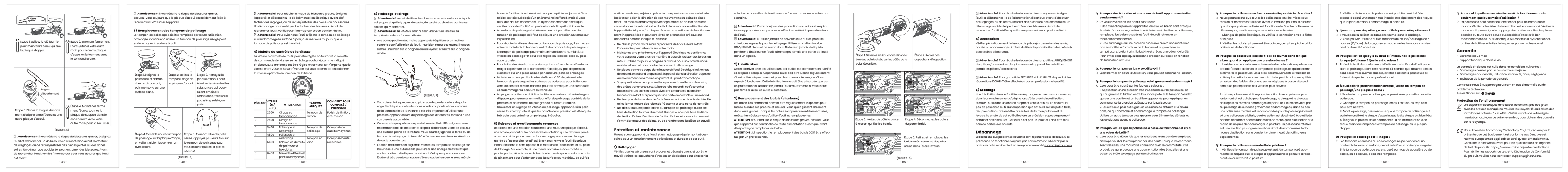

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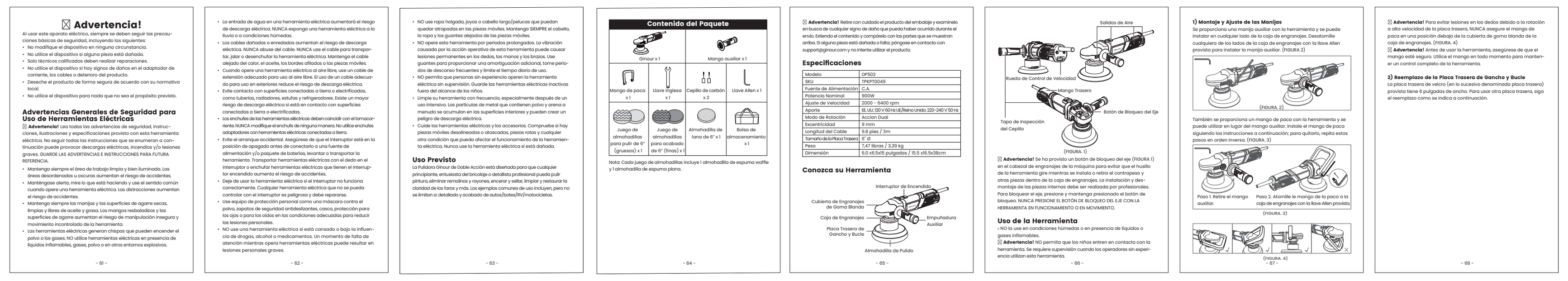

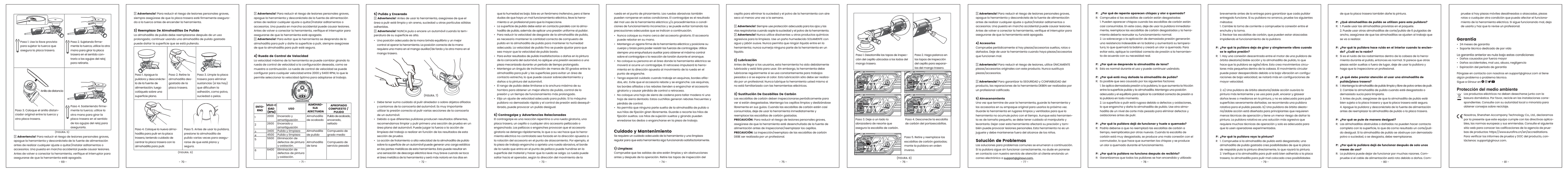

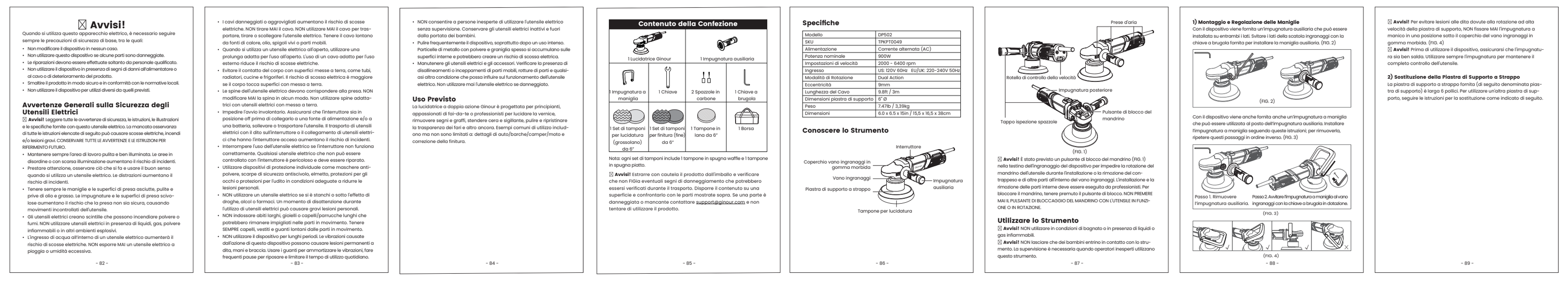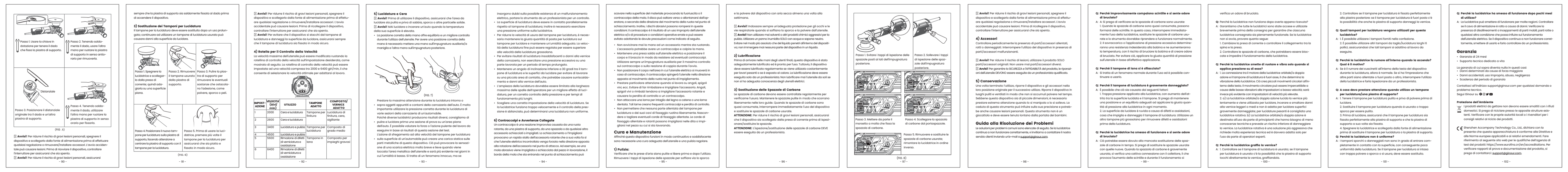ITT