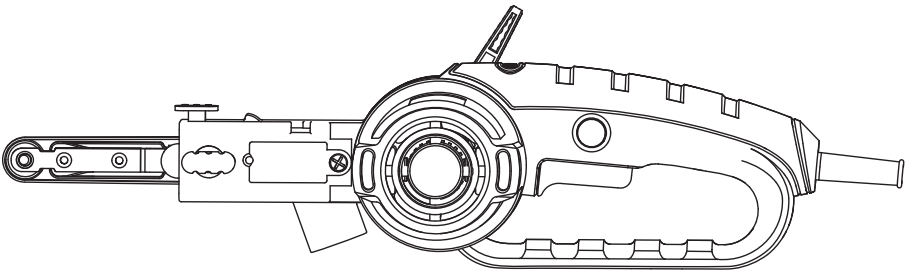




ORIGINAL USER INSTRUCTIONS

400W FILING BELT SANDER

SKU: AJ063



READ BEFORE USE

PLEASE KEEP THESE INSTRUCTIONS FOR FURTHER REFERENCE

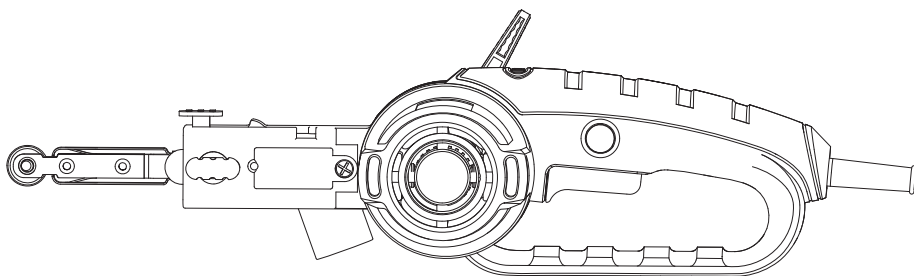
Helpline: +44 3331 880059

Email: roktor.support@positecgroup.com

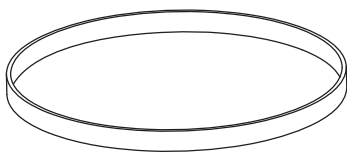
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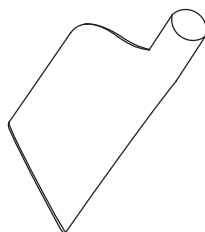
WHAT'S IN THE BOX



Filing belt sander



Sanding belt 80 grit



Dust bag



User instruction manual

SPECIFICATIONS

- 230V~, 50Hz
- Variable speed control
- Dust extraction facility
- Automatic belt tracking

TECHNICAL DATA

SKU/Model	AJ063 (PBS400N)
Rated voltage	230V ~ 50Hz
Rated power rate	400 W
No-load speed	300-1700 m/min
Sanding size	13*84mm
Belt size	13*457mm
Plug	BS plug
Protection class	□ /II
Net weight approx.(kg)	1.78 kg
A weighted sound pressure L_{pA} ($K_{pA}= 3$ dB(A))	80,2 dB(A)
A weighted sound power L_{wA} ($K_{wA}= 3$ dB(A))	91,2 dB(A)
Vibration level a_h ($K=1,5$ m/s ²)	$a_h = 1,215$ m/s ²

The declared vibration total value and the declared noise emission value have been measured in accordance with a standard test method and may be used for comparing one tool with another. The declared vibration total value and the declared noise emission value may also be used in a preliminary assessment of exposure.



WARNING: The vibration and noise emissions during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used, dependent on what kind of workpiece is processed, and dependent on the following examples and other variations on how the tool is used:

- How the tool is used and the materials being cut.
- The tool being in good condition and well maintained.
- The use of the correct accessory for the tool and ensuring it is sharp and in good condition.
- The tightness of the grip on the handles and if any anti-vibration and noise accessories are used.
- The tool is being used as intended by its design and these instructions.

This tool may cause hand-arm vibration syndrome if its use is not adequately managed.



WARNING: To be accurate, an estimation of exposure level in the actual conditions of use should also take account of all parts of the operating cycle, such as the times when the tool is switched off and when it is running idle but not actually doing the job. This may significantly reduce the exposure level over the total working period, helping to minimise your vibration and noise exposure risk.

Always ensure the sanding belts are in good condition.

Maintain this tool in accordance with these instructions and keep it well lubricated (where appropriate).

If the tool is to be used regularly then invest in anti-vibration and noise accessories.

Plan your work schedule to spread any high vibration tool use across a number of days.

EXPLANATIONS AND SYMBOLS, CAUTIONS AND WARNINGS



To reduce the risk of injury, user must read the instruction manual



Class II device - Double Insulation



Risk of damage or injury if the instructions in this manual are not followed



Immediately disconnect the plug from the power outlet if it is damaged, and for all maintenance operations.



Wear eye protection



Wear ear protection



Wear a dust mask



Always wear gloves



The product complies with the applicable European Directives and an evaluation method of conformity for these Directives was carried out.



UK Conformity Assessed

IMPORTANT SAFETY WARNINGS



CAUTION – To reduce the risk of injury, user must read instruction manual

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.

1) Work area safety

- a) **Keep work area clean and well lit.** *Cluttered or dark areas invite accidents.*
- b) **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.*
- c) **Keep children and bystanders away while operating a power tool.** *Distractions can cause you to lose control.*

2) Electrical safety

- a) **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adaptor plugs with earthed (grounded) power tools.** *Unmodified plugs and matching outlets will reduce risk of electric shock.*
- b) **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.*
- c) **Do not expose power tools to rain or wet conditions.** *Water entering a power tool will increase the risk of electric shock.*
- d) **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.*
- e) **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.*
- f) **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.*

3) Personal safety

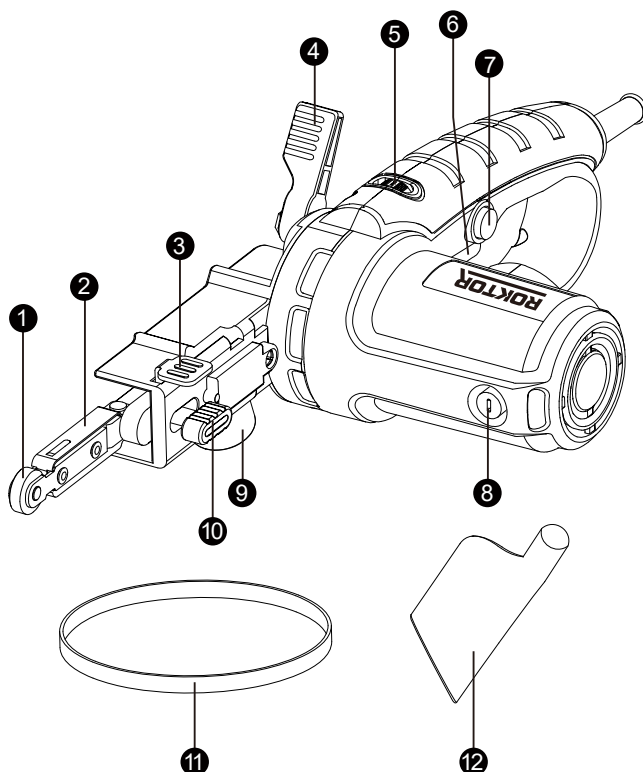
- a) **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** *A moment of inattention while operating power tools may result in serious personal injury.*
- b) **Use personal protective equipment. Always wear eye protection.** *Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.*
- c) **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.*

- d) **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.*
 - e) **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the power tool in unexpected situations.*
 - f) **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.*
 - g) **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.*
 - h) **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.*
- 4) Power tool use and care**
- a) **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.*
 - b) **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.*
 - c) **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.*
 - d) **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.*
 - e) **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.*
 - f) **Keep cutting tools sharp and clean.** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
 - g) **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.*
 - h) **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.*
- 5) Service**
- a) **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 WARNINGS FOR BELT SANDER

- 1. **Hold the power tool by insulated gripping surfaces, because the sanding surface 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.*

PRODUCT DESCRIPTION AND IDENTIFICATIONS



1. Belt wheel
2. Strut arm
3. Belt tensioning lever
4. Angle adjustment lever
5. Speed control dial
6. On/off switch
7. Lock-on button
8. Carbon brush cap
9. Dust extraction outlet
10. Belt tracking knob
11. Sanding belt
12. Dust bag

ASSEMBLY AND OPERATING INSTRUCTIONS



NOTE: Before using the tool, read the instruction book carefully.

The tool is packaged with some parts that are unattached and require a little simple assembly.



WARNING: Do not operate until fully assembled and with all parts correctly attached. Handle with extreme care.

ASSEMBLY



WARNING: Remove the plug from the socket before carrying out any adjustment, servicing or maintenance.

1. REMOVING OR INSTALLING THE SANDING BELT

- Removing the sanding belt (See fig. 1-1)

Pull the belt tensioning lever fully outward to release the tension. Remove the sanding belt through the slot in the housing. Then return the belt tensioning lever to its original position.

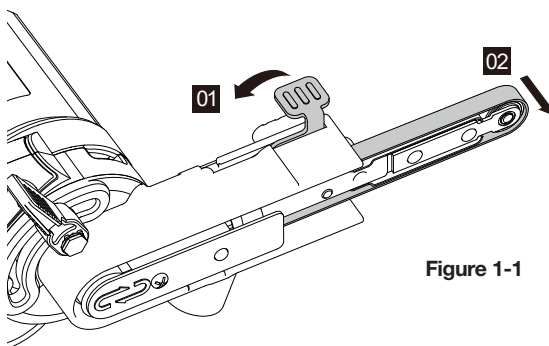


Figure 1-1

- Installing the sanding belt (See fig. 1-2)

Pull the belt tensioning lever fully outward to release the tension. Place the sanding belt over the front and rear pulleys, sliding it through the slot in the housing. Then return the belt tensioning lever to its original position to apply tension.

NOTE: Ensure that the arrows on the inside of the sanding belt point in the same direction as the arrows on the housing.

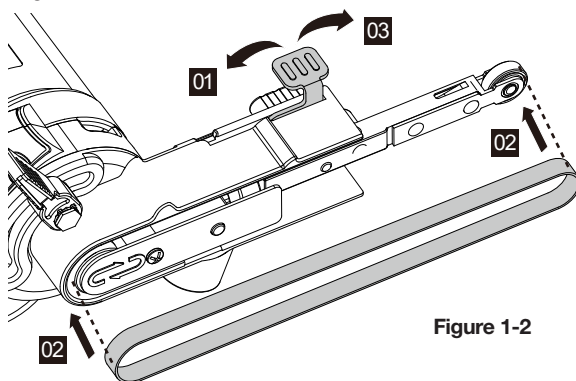


Figure 1-2

2. INSTALLING OR REMOVING THE DUST BAG (SEE FIG. 2)

- Installing the dust bag

We recommend using the dust bag at all times, together with an approved face mask, to help keep the work area clean. To install the dust bag, simply fit it over the dust extraction outlet securely.



WARNING: Always remove the dust bag when using the tool on metal workpieces as metal filings can be hot and may ignite dust.

- Removing and emptying the dust bag

Empty the dust bag when it becomes full. To remove it, pull the dust bag straight off the dust extraction outlet, then unzip the dust bag and dispose of the contents.

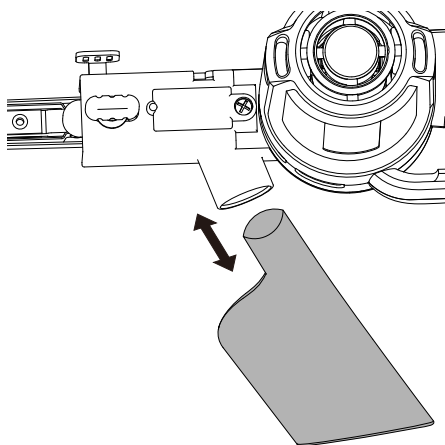


Figure 2

OPERATION

INTENDED USE

The machine is intended for sanding wood, metal, plastics and painted surfaces.

1. ADJUSTING THE SANDING BELT TRACKING (SEE FIG. 3-1 & 3-2)

Before use, check that the sanding belt is running centrally. Turn the belt tracking knob clockwise or counterclockwise as needed to adjust the tracking until the sanding belt runs in the centre.

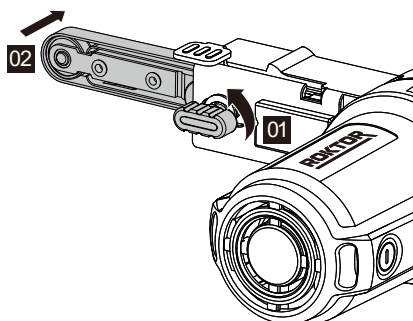


Figure 3-1

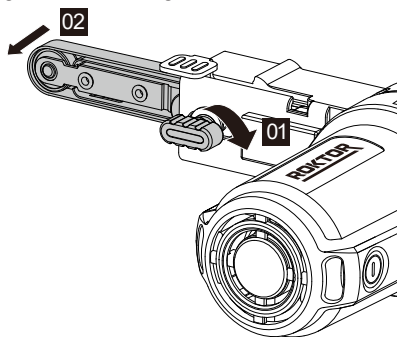


Figure 3-2

2. ADJUST THE ANGLE OF THE STRUT ARM (SEE FIG. 4)

The strut arm can be adjusted to any angle within its range to accommodate the position or shape of the workpiece.

Loosen the adjustment lever, rotate the arm around the pivot to the desired angle, then tighten the adjustment lever to lock the arm securely in place.

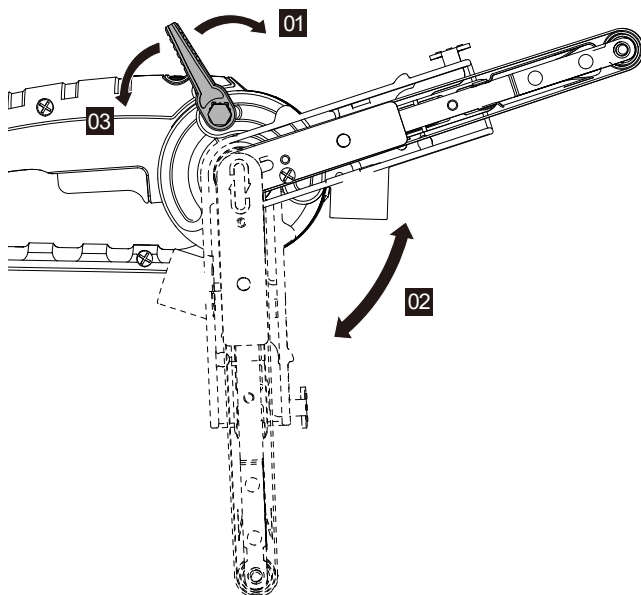


Figure 4

3. SWITCHING ON AND OFF

To switch the tool on, press the on/off switch. To switch the tool off, release the on/off switch. (See Fig. 5-1)

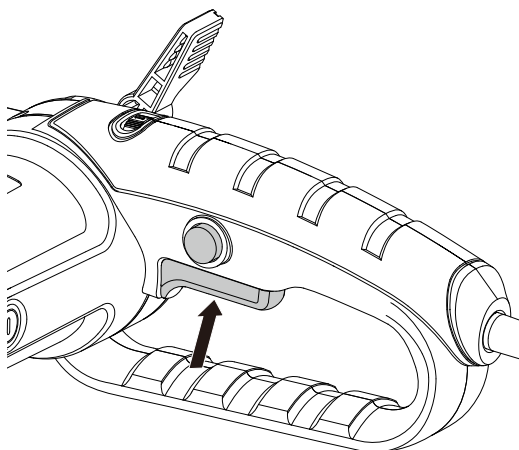


Figure 5-1

- For continuous operation (See fig. 5-2)

Press and hold the on/off switch, then press the lock-on button. Release the on/off switch to keep the tool running.

To switch the tool off during continuous operation, press and release the on/off switch.

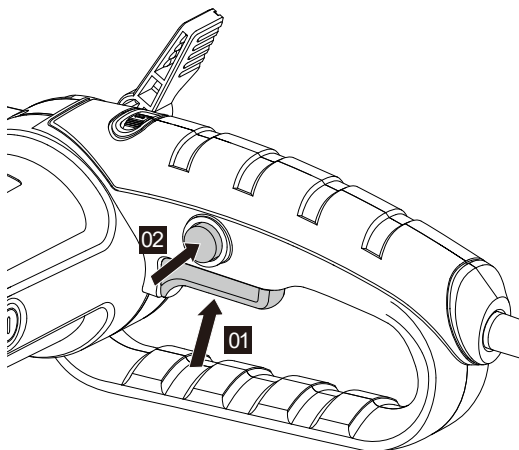


Figure 5-2

4. VARIABLE SPEED CONTROL (SEE FIG. 6)

The variable speed control allows you to adjust the tool's speed according to the workpiece material. Set the variable speed control dial to the desired setting.

Use a low speed when working with fine-grit abrasives, plastics, or ceramics, or when removing paint or varnish.

Use a high speed when working with coarse-grit abrasives or when removing a large amount of material.

⚠ WARNING: The maximum speed dial can be set only to position 6, and the minimum speed dial only to position 1. Do not force the dial beyond these limits (from 6 to 1 or vice versa), as this may damage the speed regulator.

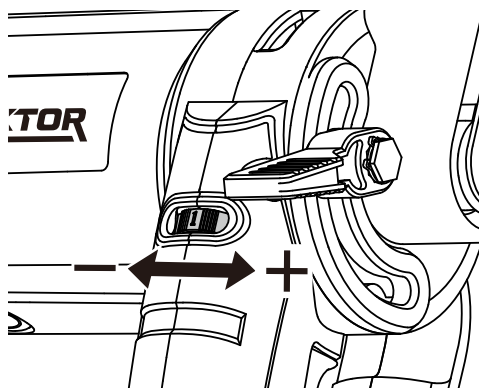


Figure 6

5. WORKING HINTS FOR YOUR FILING BELT SANDER

- 1) Always secure the workpiece with clamps.
- 2) Always lift sanding belt off the workpiece before turning the switch on or off.
- 3) During operation, take care to keep all body parts clear of any moving parts of the tool.
- 4) Hold the tool securely with both hands and maintain a balanced posture. Press the on/off switch and allow the motor to reach full speed. Keep the tool parallel to the workpiece and gently bring the belt into contact with the surface. Do not apply excessive pressure. Use the correct tool for the task, as the proper tool performs the job more efficiently and safely at the speed for which it is designed. (See Fig. 7-1 & 7-2)

NOTE: When using the tool, do not grind sharp edges or sharp surfaces, as this may cut and damage the sanding belt, causing it to break.

- 5) Regularly check the condition of the sanding belt and replace it when necessary.
- 6) On very uneven surfaces or when removing layers of paint, start with a coarse grit. For other surfaces, begin with a medium grit. In both cases, gradually switch to a fine grit to achieve a smooth finish.

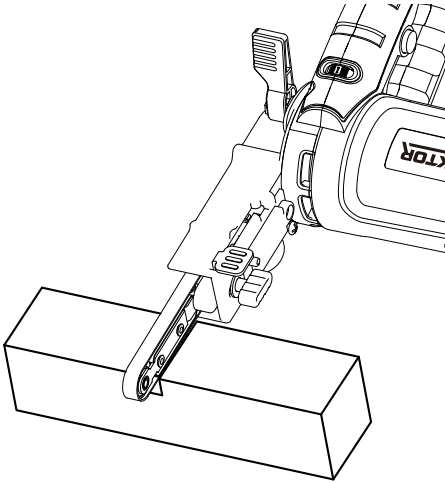


Figure 7-1

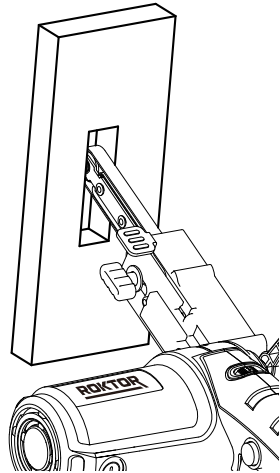


Figure 7-2

CARE AND CLEANING

Remove the plug from the socket before carrying out any adjustment, servicing or maintenance.

Your power tool requires no additional lubrication or maintenance. There are no user serviceable parts in your power tool. Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth. Always store your power tool in a dry place. Keep the motor ventilation slots clean. Keep all working controls free of dust. Occasionally you may see sparks through the ventilation slots. This is normal and will not damage your power tool.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

- Disconnect the power and allow the tool rotation to stop.
- Use a slightly damp cloth to clean the enclosure. Do not allow water to enter the tool.
- Do not use any chemical or abrasive cleaners.
- When the tool is not used for long periods of time, it should be protected from dust and stored in a clean dry place.
- Clean it with a soft cloth. If the dust is difficult to wipe away, rub it with soapy water.
- **WARNING!** Unplug the tool before cleaning.

TROUBLESHOOTING

Use this section to help you to try and solve any problems you may have:

PROBLEM	POSSIBLE CAUSES	REMEDIES
Sander is not operating.	• The plug is not fully inserted into the wall outlet • Faulty power switch	• Make sure that the plug is fully inserted into the base AC wall outlet • Contact Customer Service Centre
Sander stops during operation	• Overheating due to prolonged use • Worn carbon brushes	• Allow motor to cool for a few minutes • Replace carbon brushes
Excessive sparking	• Worn carbon brushes • Incorrect sanding belt installed	• Replace carbon brushes • Install correct sanding belt
Sanding belt slips or tracks incorrectly	• Belt tension too loose • Belt tracking misaligned • Worn or damaged belt	• Adjust belt tensioning lever • Turn belt tracking knob to center the belt • Replace sanding belt
Uneven sanding or poor finish	• Use the wrong grit for the material. • Excessive pressure applied • Belt worn or damaged	• Use the appropriate grit for the workpiece • Apply gentle, even pressure • Replace sanding belt

NOTE: IF YOU EXPERIENCE A PROBLEM WITH YOUR POWER TOOL, PLEASE DO NOT ATTEMPT TO OPEN OR REPAIR THE POWER TOOL YOURSELF. DOING SO MAY VOID THE WARRANTY AND COULD CAUSE DAMAGE OR PERSONAL INJURY. IF THE PROBLEM STILL PERSISTS, PLEASE CONTACT US BY REFERRING TO THE SERVICE & SUPPORT INFORMATION ON THE FOLLOWING PAGE.

DECLARATION OF CONFORMITY / PERFORMANCE



Product Code: AJ063 (PBS400N)

Product Description: 400W Filing Belt Sander

1. Toolstation (company number 04372131)
This declaration of conformity is issued under the sole responsibility of Toolstation
2. Object of the declaration
The object of the declaration described above is in conformity with the relevant Community harmonisation legislation:
 - Supply of Machinery (Safety) Regulations 2008
 - Electromagnetic Compatibility Regulations 2016
 - The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations
3. References to the relevant standards used (or references to the specifications in relation to which conformity is declared):
 - BS EN 62841-1
 - BS EN 62841-2-4
 - BS EN IEC 55014-1
 - BS EN IEC 55014-2
 - BS EN IEC 61000-3-2
 - BS EN 61000-3-3
 - BS EN IEC 63000
4. Additional information:
Signed for and on behalf of Toolstation Limited

ENVIRONMENTAL INFORMATION



The symbol on the product or its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste for recycling, please contact your local authority, or where you purchased your product.

WARRANTY

Toolstation products deliver reliable service for normal, household use in domestic settings. All Toolstation products are individually tested before leaving the factory.

Your product is under warranty for 2 years from the date of purchase or the date of delivery of the product, if later.

The warranty is subject to the following provisions:

- The warranty does not cover accidental damage, misuse, parts, knobs, or consumable items.
- The product must be correctly installed and operated in accordance with the instructions contained in this manual.
- It must be used solely for domestic purposes.
- The warranty will be rendered invalid if the product is re-sold or has been damaged by inexpert repair.
- Specifications are subject to change without notice.
- The manufacturer disclaims any liability for incidental or consequential damages.
- The warranty is in addition to, and does not diminish your statutory or legal rights.

CUSTOMER SUPPORT

Helpline: +44 3331 880059

Email: roktor.support@positecgroup.com

Made in China