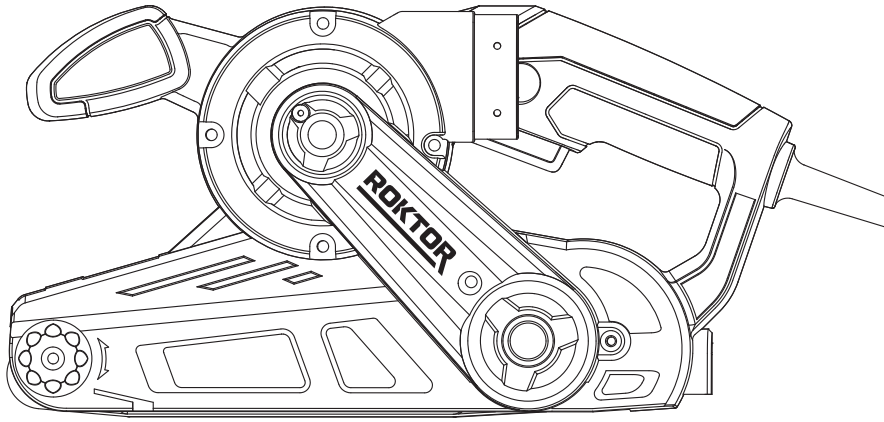
ROKTOR

ORIGINAL USER INSTRUCTIONS

920W BELT SANDER

SKU: AB761

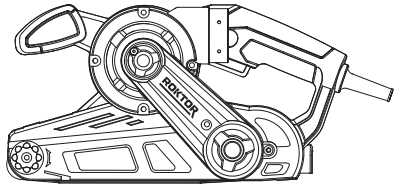


READ BEFORE USE
PLEASE KEEP THESE INSTRUCTIONS FOR FURTHER REFERENCE

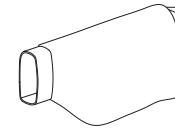
Helpline: +44 3331 880059
Email: roktor.support@positecgroup.com

CONTENTS

WHAT'S IN THE BOX

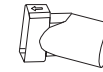


Belt sander



Dust bag

80 Grit sanding belt (Pre-assembled)



Vacuum adaptor

User instruction manual

SPECIFICATIONS

- 230 V~, 50 Hz
- Quick release belt change
- Variable speed control
- Dust collection system
- Belt centering system adjustment
- Lock on switch

TECHNICAL DATA

SKU/Model	AB761 (PBS900G)
Rated Voltage	230 V ~ 50 Hz
Rated Power Rate	920W
No-load speed	150-270 m/min
Plug	BS plug
Protection class	⧈ /II
Belt size	76*533 mm
Sanding size	76*135 mm
Net Weight approx.(kg)	2.75kg
A weighted sound pressure L_{pA} (K_{pA}=3dB(A))	94dB(A)
A weighted sound power L_{wA} (K_{wA}=3dB(A))	102dB(A)
Vibration level a_h (K=1,5m/s²)	a_h = 4,735 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, especially what kind of workpiece is processed dependant on the following examples and other variations on how the tool is used:

- How the tool is used and the materials being cut or drilled.
- 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.
- And 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.
Maintain this tool in accordance with these instructions and keep 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 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 dust mask


Wear protective 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 risk of injury, user must read instruction manual

GENERAL SAFETY RULES FOR POWER TOOL

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
a) **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.*
b) Take special care to protect yourself and people around against dusts, including the following:
- All persons entering the work area must wear an appropriate dust mask specially designed for protection against harmful / toxic dusts, in addition to using the dust extraction facility and keeping work area well ventilated.

- Children and pregnant women must not enter the work area.
- Do not eat, drink or smoke in the work area.
- Some wood and wood type products especially MDF (Medium Density Fibreboard) can produce dust that can be hazardous to your health. We recommend the use of a dust mask with replaceable filters when using this product in addition to using the dust extraction facility.

c) The power tool shall not be wet or applied in wet environment.
d) The voltage of the power source must agree with the voltage specified on the rating label of the machine.
e) Check the product, its power cord and plug as well as accessories for damage before each use. Do not use the product if it is damaged or shows wear.
f) Double check that the accessories and attachments are properly fixed. One minute testing running in no-load condition will be helpful to identify any problems.
g) Secure the workpiece. A workpiece clamped with clamping devices or in a vice is held more secure than by hand.
h) Keep the handles dry to ensure safe control. Grip the product securely with two hands so you have full control at all times.
i) Ensure that the air vents are always unobstructed and clear. Clean them if necessary with a soft brush. Blocked air vents may lead to overheating and damage the product.
j) Switch the product off immediately if you are disturbed while working by other people entering the working area. Always let the product come to complete stop before putting it down.
k) Do not overwork yourself. Take regular breaks to ensure you can concentrate on the work and have full control over the product.
l) Always keep the power cord behind the power tool.

The following information applies to professional users only but is good practice for all users:

ADDITIONAL SAFETY WARNINGS FOR CONSTRUCTION DUST

The updated Control of Substances Hazardous to Health Regulations 1st October 2012 now also targets to reduce the risks associated with silica, wood and gypsum dusts.

Construction workers are one of the at-risk groups within this because of the dust that they breathe: silica dust is not just a nuisance; it is a real risk to your lungs!

Silica is a natural mineral present in large amounts in things like sand, sandstone and granite. It is also commonly found in many construction materials such as concrete and mortar. The silica is broken into very fine dust (also known as Respirable Crystalline Silica or RCS) during many common tasks such as cutting, drilling and grinding.

Breathing in very fine particles of crystalline silica can lead to the development of:

- Lung cancer
- Silicosis
- Chronic obstructive pulmonary disease (COPD).

And breathing in fine particles of wood dust can lead to the development of Asthma.

The risk of lung disease is linked to people who regularly breathe construction dust over a period of time, not on the odd occasion.

To protect the lung, the COSHH Regulations sets a limit on the amount of these dusts that you can breathe (called a Workplace Exposure Limit or WEL) when averaged over a normal working day. These limits are not a large amount of dust: when compared to a penny it is tiny – like a small pinch of salt.

This limit is the legal maximum; the most you can breathe after the right controls have been used.

How to reduce the amount of dust?

1. Reduce the amount of cutting by using the best sizes of building products.
2. Use a less powerful tool e.g. a block cutter instead of angle grinder.
3. Using a different method of work altogether – e.g. using a nail gun to directly fasten cable trays instead of drilling holes first.

Please always work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles and use the dust extraction facility at all time.
For more information please see the HSE website:
http://www.hse.gov.uk/construction or http://www.hse.gov.uk/pubns/cis69.pdf

WARNING! Some dust particles created by power sanding, sawing, grinding, drilling and other construction jobs contain chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

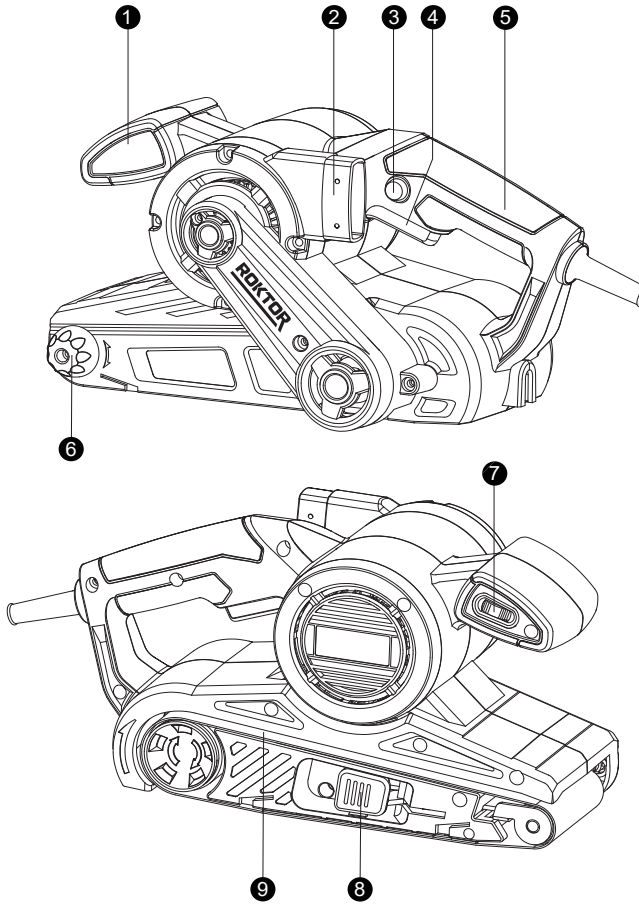
- Lead from lead-based paints.
- Crystalline silica from bricks and cement and other masonry products.
- Arsenic and chromium from chemically treated timber.

Your risk from these exposures varies, depending upon how often you do this type of work. To reduce your exposure to these dusts:

- Work in a well-ventilated environment.
- Work with approved protective equipment, such as dust masks that are specially designed to filter microscopic particles.

WARNING! Certain dusts, such as oak or beech dust, are considered as carcinogenic, especially in connection with wood-treatment additives (chromate, wood preservative).
Materials containing asbestos may only be worked by specialists. Use a dust extraction system suitable for the material as far as possible.

PRODUCT DESCRIPTION AND IDENTIFICATIONS



1. **Front handle**
2. **Dust exhaust outlet**
3. **Lock on button**
4. **On/Off switch**
5. **Rear handle**
6. **Belt tracking adjustment knob**
7. **Variable speed control dial**
8. **Belt tension release lever**
9. **Sanding belt**

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

ASSEMBLY

1. CHANGING A SANDING BELT (SEE FIG. 1-1 & 1-2)

Pull the belt tension release lever to release the belt tension. Remove the sanding belt and fit a new belt over both rollers. Ensure the direction of rotation arrows on the belt and the sander are the same. Close the lever to tension the belt.

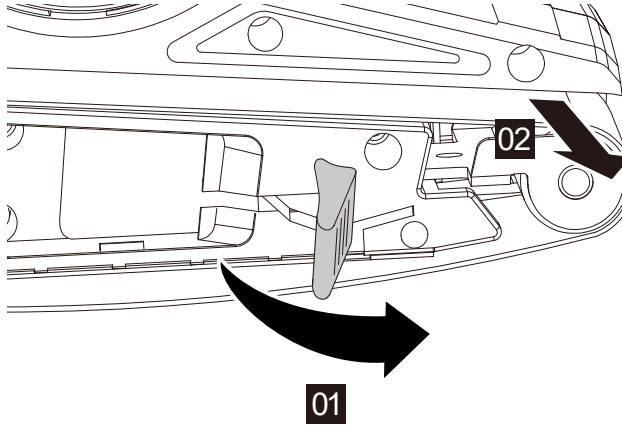


Figure 1-1

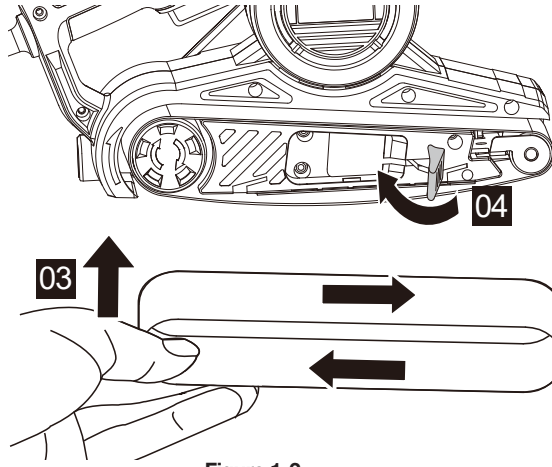


Figure 1-2

2. BELT CENTERING CONTROL (SEE FIG. 2)

WARNING: Wear eye protection and glove before carrying out a belt centering adjustment.

Turn the machine upside down, hold it firmly with one hand, start the tool and release the switch immediately after observing tracking of sanding belt. If the sanding belt runs inward, turn belt tracking adjustment knob counter-clockwise, and clockwise if the sanding belt runs outward. Adjust the sanding belt until the outer edge of the sanding belt is even with the outer edge of the base plate. Belt life will be greatly increased by keeping the tracking adjustment set properly.

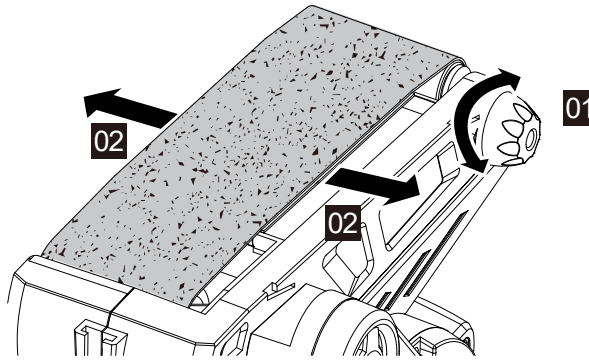


Figure 2

3. USING THE DUST BAG (SEE FIG. 3)

You can use the dust bag provided to collect the dust produced during sanding. Insert the dust bag into the dust exhaust outlet. Make sure the dots of the outlet are locked in the slot of the dust bag. When the dust bag is full, remove and empty by opening the zip on the dust bag.

You can also use the adaptor provided to connect the vacuum equipment, like a vacuum cleaner, etc.

WARNING: Before installing the dust bag or vacuum equipment, please keep the machine in a power-off state. During the vacuuming process, please keep the machine powered on.

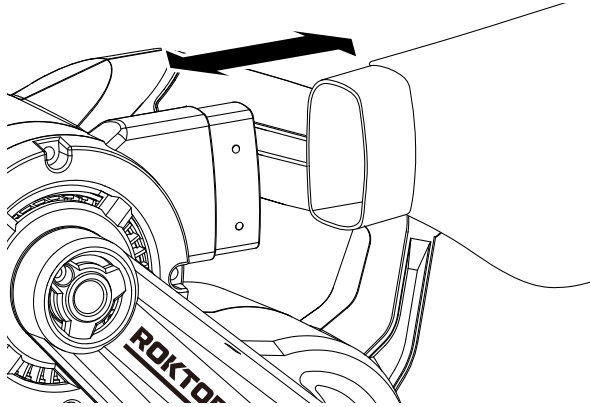


Figure 3

OPERATION
INTENDED USE
The machine is intended for dry sanding with high removal capacity of wood, plastic, metal, filler as well as varnished surfaces.

1. OPERATING THE ON/OFF SWITCH
Depress to start and release to stop your tool.

2. SWITCH LOCK-ON BUTTON (SEE FIG. 4)
Depress on/off switch then depress lock-on button. Your tool is now locked on for continuous use. To switch off your tool, just depress and release the on/off switch.

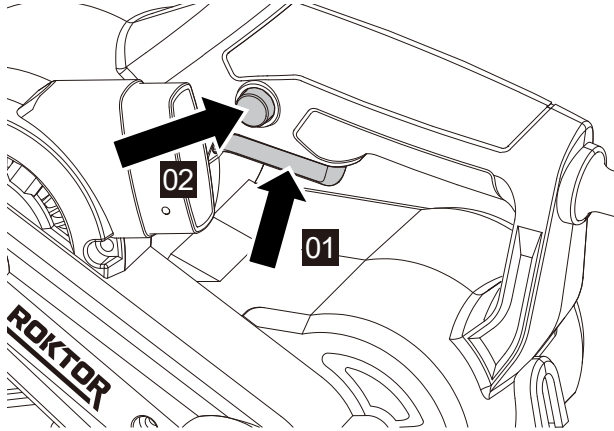


Figure 4

3. VARIABLE SPEED CONTROL (SEE FIG. 5)
Adjust the variable speed control dial to increase or decrease the speed according to the material and sanding belt specification to be used (also possible during no load operation).
Avoid prolonged use at very low speed as this may damage your sander. (1-Lowest gear, 6-Highest gear)
See the table below for general guidance on speed selection.

Material	Speed selection	Belt grit
Solid wood	5-6	80
Veneer	2-4	150
Chipboard	1-5	60/80
Plastics	2-5	100
Steel	5-6	80
Paint removal	6	40/60
Balsa wood	1-3	100
Acrylic	1-2	100

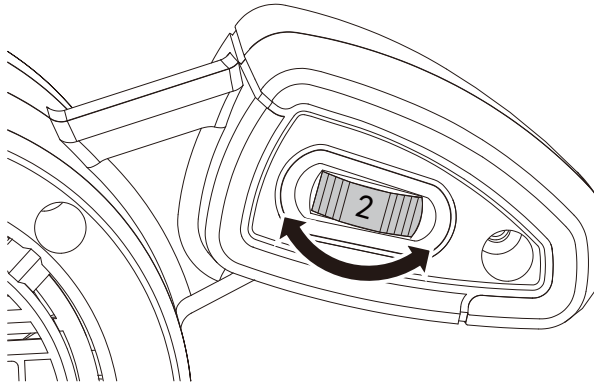


Figure 5

4. OPERATING THE TOOL (SEE FIG. 6)
Keep the sanding belt and the workpiece surface parallel, hold the rear handle and the front handle firmly with your hands, and move the tool forward and backward.
Since continued use of a worn-out sanding belt will degrade efficiency, replace the sanding belt as soon as excessive wear is observed.
NOTE: Do not press down too hard on your tool, apply only enough pressure to allow adequate control. Too much pressure will cause the speed to drop abnormally or the motor to become too hot, thus damaging the workpiece and the tool.

WARNING: Do not turn on the machine on the workpiece, this may cause kick-back.

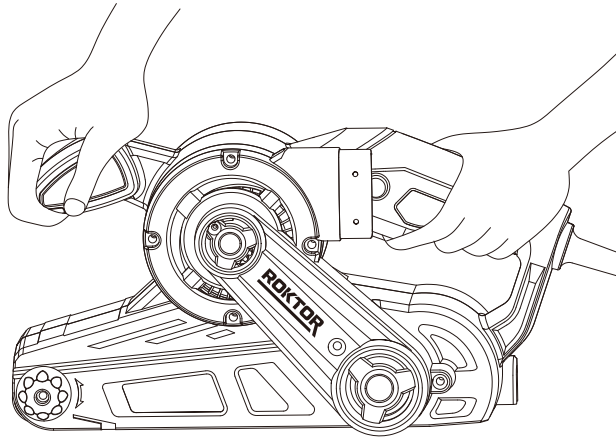


Figure 6

5. DRIVE BELT REPLACEMENT (SEE FIG. 7-1 & 7-2)

Remove the two screws (a) and the belt cover as shown. (See Fig. 7-1)

Carefully cut the drive belt if not already broken and remove from your belt sander. Fit your new drive belt around the large pulley. Then install onto the small pulley by rotating clockwise and pushing the drive belt shown around the small pulley at the same time. The drive belt will be a tight fit. (See Fig. 7-2)

Fit the belt cover and two screws (a).

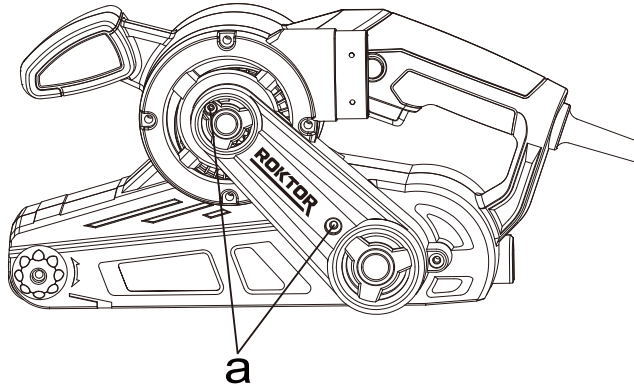


Figure 7-1

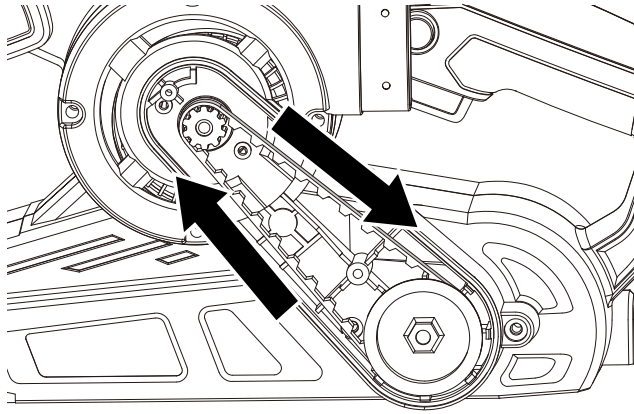


Figure 7-2

6. WORKING HINTS FOR YOUR SANDER

1) Always ensure the workpiece is firmly held or clamped to prevent movement. Any movement of the material may affect the quality of the sanding finish.
2) Do not start sanding without the sanding belt fitted. Start your sander before sanding and turn it off only after you stop sanding.
3) Always use a sanding belt suited to the material you wish to sand.
4) For the best results, sand wood in the direction of the grain.
5) Empty the dust bag every 5 minutes or sooner to ensure efficient dust collection.
6) If your power tool becomes too hot, especially when used at low speed, set the speed to maximum and run with no load for 2-3 minutes to cool the motor.
7) Avoid prolonged usage at very low speed.
8) For good collection efficiency, please do not use your tool on a wet workpiece surface.

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.
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 only a damp cloth to clean the enclosure.
- 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 soft cloth. If the dust is uneasy to wipe away, rub it with soap 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
The tool 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.
The tool does not abrade surface.	• The sanding belt has been worn.	• Replace with a new sanding belt and try again.

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: AB761 (PBS900G)
Product Description: 920W 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 purpose.
- 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