

Operating instructions

XBS-800U

REPLACEMENT WARRANTY
12 MONTHS HOME USE

12 MO

Sander
Belt

12 MO
LUX



SAFETY INSTRUCTIONS



ALWAYS WEAR EYE AND EAR PROTECTION

When operating the tool

Keep the mains cable away from any moving parts or accessories.

Never cover the ventilation slots in the tool.

Electrical safety

Before you connect the tool to the mains supply make sure that the data on the rating plate are identical to the mains data.

This tool is double insulated therefore no earth wire is required.

Using an extension lead

Always use an approved extension lead suitable for the power input of this tool. Before use, inspect the extension lead for signs of damage, wear and ageing. Replace the extension lead if damaged or defective.

When using an extension lead on a reel, always unwind the lead completely. Use of an extension lead not suitable for the power input of the tool or which is damaged or defective may result in a risk of fire and electric shock.

Description of symbols



Read instruction manual



Warning



Double insulated

V	Volts
~	Alternating current
/min	Revolutions, reciprocations or strokes per minute
No	No load speed
Hz	Hertz
W	Watts

General Power Tool Safety Warnings



WARNING! Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. **Save all warnings and instructions for future reference.** The term "power tool" in all of the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) Work area safety

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

2) Electrical safety

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

3) Personal safety

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
 - Use personal protective equipment. Always wear eye protection.** Personal protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
 - Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
 - 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.
 - Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
 - Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
 - If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
- #### 4) Power tool use and care
- Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
 - Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
 - Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
 - Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
 - Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools 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.

- Use the power tool, accessories and tool bits etc. in accordance with these instructions and in the manner intended for the particular type of power tool, 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.

5) Service

- Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.
- 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.**

Additional Safety Instructions for Belt Sander

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

This appliance is not intended for use by persons (including children) with reduced physical, sensory or metal capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Recommendations for the use of a residual current device with a rated residual current of 30mA or less.

It is recommended that the extension lead is a maximum of 25m in length. Do not use multiple extension leads.

Unplug the sander before changing accessories.

Accidental start-ups may occur if the sander is plugged in while changing an accessory.

Disposing of dust. Be extremely careful of dust disposal, materials in fine particle form may be explosive. Do not throw sanding dust on an open fire. Spontaneous combustion, may in time, result from a mixture of oil or water with dust particles.

Always wear eye protection and a dust mask for dusty applications and when sanding overhead. Sanding particles can be absorbed by your eyes and inhaled easily and may cause health complications.

Use special precautions when sanding chemically pressure treated timber, paint that may be lead based, or any other materials that may contain carcinogens. A suitable breathing respirator and protective clothing must be worn by all persons entering the work area. Work should be sealed by plastic sheeting and persons not protected should be kept out until work area is thoroughly cleaned.

Do not 'wet sand' with this sander. Liquids entering the motor housing are an electrical shock hazard.

Keep fingers and clothing away from the belt. They could get cut or wedged between the pulley, belt and motor housing.

Properly adjust tracking of belt to avoid it overhanging in the housing. A running belt overhanging its housing can cause severe lacerations.

Keep the cord to the side away from pulleys. The cord can be dragged into the belt housing and become entangled with the pulleys.



WARNING! Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains 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 on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.

XU1 Power tools

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Telephone: GB: 0151 294 4488 / IRL: 1850 882711

XBS-800U 1016

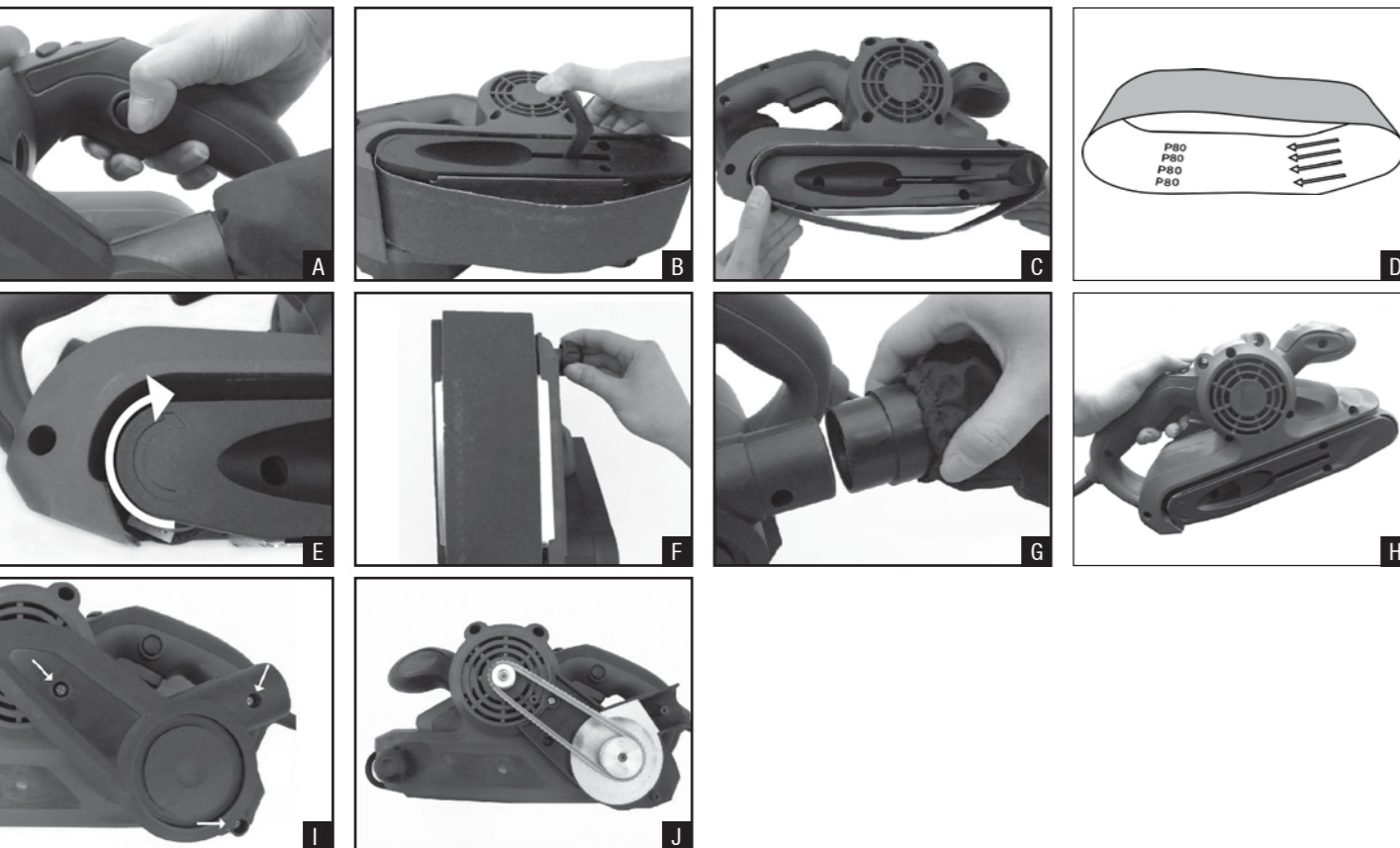
1

2

PRODUCT PARTS



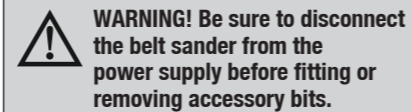
1. Soft Grip Front Handle
2. On/off Trigger
3. Lock-on Button (not shown)
4. Soft Grip Rear Handle
5. Dust Extraction Chute
6. Belt Release Lever



SPECIFICATIONS

Motor:	810W
Input:	230V ~ 50Hz
No load speed:	380 m/min
Belt size:	533 x 76mm
Weight:	3.11kg

USING YOUR BELT SANDER



WARNING! Be sure to disconnect the belt sander from the power supply before fitting or removing accessory bits.

This tool is intended for use in a DIY (Do It Yourself) context or for hobbyist purposes. It is not built for continuous daily use in a trade or professional capacity.

Before using the machine, carefully read these instructions, especially the safety rules to help ensure that your machine always operates properly.

Before attempting to operate the machine, familiarise yourself with the controls and make sure you know how to stop the machine quickly in an emergency.

Save these instructions and the other documents supplied with this machine for future reference.

On/Off Switch

- To turn the sander on, depress the on/off switch (1) to the "I" setting.
- To turn the sander off, depress the on/off switch (1) to the "0" setting. **Fig A**

Lock-on Button

The belt sander has been designed with a lock on switch (4) to reduce user fatigue during longer periods of use.

1. To turn the sander on, depress the on/off switch (2), then depress the lock on switch (4). Release the on/off switch (2) first, then release the lock on switch (4).

2. To unlock the switch and turn off the sander, simply depress and release the on/off switch (2). **Fig A**

Note: It is recommended to disengage the lock on switch (4) prior to unplugging the tool from the mains power. This will ensure the lock on switch (4) is not engaged for the next use, avoiding accidental starting of the belt sander.

OPERATION

Removing Sanding Belts

1. Place the belt sander on its left side on a flat surface.
2. Pull out the belt tension release lever (9). Push it towards the front of the sander until it locks into place. The front roller retracts, releasing tension on the belt. **Fig B**
3. With the belt sander still on its left side, gently slide the belt off the unit. Use two hands easing both sides simultaneously. **Fig C**

Installing Sanding Belts

When installing a belt, ensure you have the correct size for your belt sander, and correct grit for your workpiece. Belts have arrows marked on them to assist in fitting them to the belt sander in the correct direction. Belts are also marked with a grit rating. **Fig D**

1. Place the belt sander on its left side on a flat surface.
2. With the belt tension release lever (8) locked, gently place the belt over the front and rear rollers. The arrows on the belt are to be aligned with the arrow marked on the belt sander. **Fig E**
- CAUTION: The arrows on the belt must be aligned with the markings on the belt sander. Incorrect fitment could cause the belt to break. Belts are not covered by the warranty.**
3. Once the belt is in place, return the belt tension release lever (8) to its original position.

Tracking Adjustment

CAUTION: Ensure body parts, cords, workpieces and any loose items are clear of the sanding belt before performing the tracking adjustment operation.

It is necessary to ensure the belt is tracking correctly, in a straight line, to avoid the belt "tracking off" the belt sander's rollers.

1. Turn the sander upside down and hold it firmly with one hand. Press the on/off switch (2) to start the sander and observe the tracking of the sanding belt.
2. If the belt tracks outward, turn the belt tracking knob (5) clockwise. If the belt tracks inward turn the belt tracking knob (5) counter clockwise. **Fig F**
3. Adjust the belt until its outer edge is even with the outer edge of the front and rear rollers. Make sure the belt does not rub against the rear guide strip (10). Once the belt stabilizes you can begin operation.

Note: Always check your belt after it has been in use as it may require further adjustment.

Dust Bag

To capture dust and debris, it is best to attach the dust bag (3).

1. To attach the dust bag (3) simply slide the dust bag adaptor over the dust extraction port on the rear of the sander housing. **Fig G**
2. To remove the dust bag (3), simply pull the dust bag adaptor backwards away from the dust extraction port.

Note: For the dust bag (3) to work at its optimum level, empty when it becomes 1/3 full. This allows air to flow through the bag freely, increasing its effectiveness.

Timber Sanding

CAUTION: Prior to running the sander ensure you have a firm grip on the rear handle and that the sanding belt is not in contact with the workpiece. Apply firm even pressure when sanding. Excessive pressure can damage the work piece and sander or cause the belt to "track off".

1. Firmly grasp the sander in front of you and away from your body.
2. To commence sanding gently place the rear heel of the belt sander on your workpiece. Ensure that the sanding belt is not in contact with your workpiece prior to starting the sander. **Fig H**
3. To start the sander depress the on/off switch (2). **Note:** Refer to the procedure outlined above for correct operation of the on/off switch (2) and lock on switch (4).
4. Let the motor build up to maximum speed. Gradually lower it onto the workpiece with a slight forward movement. This helps to prevent gouging.
5. The correct technique is a back and forth motion, with most of the sanding done on the backwards, pulling movement. Don't apply a lot of pressure on the unit. Allow the sander to do the work.
6. Upon completion of the sanding operation, remove the sander from the workpiece. Turn off the sander by depressing and then releasing the on/off switch (2).

MAINTENANCE

- Regularly empty the dust bag.
- Keep the ventilation slots of the sander clean at all times. If possible prevent foreign matter from entering the vents.
- After each use, blow air through the sander housing to ensure it is free from all dust particles that may build up.

CAUTION: Excessive build-up of dust particles may cause the sander to overheat and fail.

- If the enclosure of the sander requires cleaning, use a soft, moist cloth only. Do not use solvents.

CAUTION: Never immerse any part of the sander in liquid.

Carbon brushes will wear out after many uses, causing the sander to spark and/or stop. The brushes are a wearing component of the sander and should be replaced prior to the carbon wearing out completely. Take the sander to a suitably qualified electrician or power tool repairer for replacement. Always replace both brushes at the same time.

IMPORTANT:

If the motor on your belt sander operates but the belt does not rotate, follow these instructions. In most cases, it isn't necessary to return the product back to the store. Check that the drive belt has not been damaged, order a replacement belt from spare parts.

1. To remove and check the drive belt, remove the three screws from the belt cover. If the belt is damaged, worn or broken, replace with a new drive belt. **Fig I**

2. To remove drive belt, simply use a pair of scissors to cut the drive belt.

Note: DO NOT pry the belt off the pulley as this may damage the housing.

3. To fit the new drive belt, place it around the large belt wheel. Align the ridges on the belt with the teeth on the small gear wheel. Rotate the large belt wheel and push the drive belt down onto the small gear wheel as it rotates. The wheel can be difficult to rotate until the drive belt is fed onto the small gear wheel. Keep rotating the wheel and feed the drive belt onto the small gear wheel until it sits flush with the edge of the wheels. **Fig J**

4. Refit cover and tighten screws.

Note: XU1 Industries will not be responsible for any damage or injuries caused by the repair of the tool by an unauthorised person or by mishandling of the tool.

WARRANTY

All of our products undergo strict quality checks to ensure that they reach you in perfect condition. In the unlikely event that your device develops a fault, please contact our service department at the address shown on this guarantee card. You can also contact us by telephone using the customer service number shown. Please note the following terms under which guarantee claims can be made:

1. These warranty terms regulate additional warranty services, which the manufacturer mentioned below promises to buyers of its new products in addition to their statutory guarantee claims are not affected by this guarantee. Our guarantee is free of charge to you.

2. The warranty services only covers defects due to material or manufacturing faults on a product which you have bought from the manufacturer mentioned below are limited to either the rectification of said defects on the product or the replacement of the product, whichever we prefer. Please note that our devices are not designed for use in commercial, trade or professional applications. A guarantee contract will not be created if the device has been used by commercial, trade or industrial business or has been exposed to similar stresses during the guarantee period.

3. The following are not covered by our guarantee:

- Damage to the device caused by a failure to follow the assembly instructions or due to incorrect installation, a failure to follow the operating instructions (for example connecting it to an incorrect mains voltage or current type) or a failure to follow the maintenance and safety instructions or by exposing the device to abnormal environmental conditions or by lack of care and maintenance.
- Damage to the device caused by abuse or incorrect use (for example overloading the device or the use or unapproved tools or accessories), ingress of foreign bodies into the device (such as sand, stones or dust, transport damage), the use of force or damage caused by external forces (for example by dropping it).
- Damage to the device or parts of the device caused by normal or natural wear or tear or by normal use of the device.

4. Your Product is guaranteed for a period of 12 months from the original date of purchase and is intended for DIY (Do It Yourself) use only. Warranty excludes consumable parts, for example: grinding disc. Guarantee claims should be submitted before the end of the guarantee period within two weeks of the defect being noticed. No guarantee claims will be accepted after the end of the guarantee period. The original guarantee period remains applicable to the device even if repairs are carried out or parts are replaced. In such cases, the work performed or parts fitted will not result in an extension of the guarantee period, and no new guarantee will become active for the work performed or parts fitted. This also applies if an on-site service is used.

IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY YOU MUST RETURN THE PRODUCT TO THE PLACE OF PURCHASE WITH YOUR REGISTER RECEIPT.

Please refer to the restrictions of this warranty concerning wearing parts, consumables and missing parts as set out in the service information in these operating instructions.

CUSTOMER SERVICE HELPLINE
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XU1

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