

**triton**<sup>®</sup>

**130W Detail Palm Sander XT DPS**

**XT**



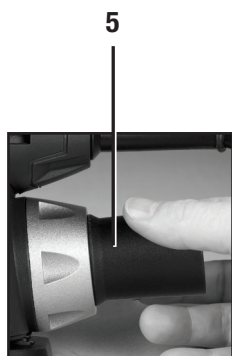
BORN IN AUSTRALIA



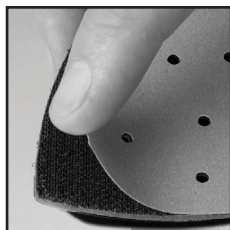
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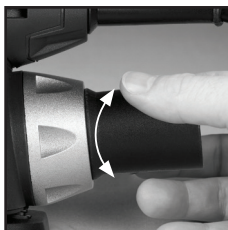




**Image A**



**Image B**













**Image C**




Thank you for purchasing this Triton tool. This manual contains information necessary for safe and effective operation of this product. This product has unique features and, even if you are familiar with similar products, it is necessary to read this manual carefully to ensure you fully understand the instructions. Ensure all users of the tool read and fully understand this manual.

## Description of Symbols

	Wear hearing protection Wear eye protection Wear breathing protection Wear head protection
	Wear hand protection
	Read instruction manual
	Caution!
	Charger: Class II construction (double insulated for additional protection)
	WARNING: Moving parts can cause crush and cut injuries.
	Indoors use only
	DO NOT use in rain or damp environments!
	Conforms to relevant legislation and safety standards.
	<b>Environmental Protection</b> 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.

## Specification

<b>Model number:</b>	XTDPS
<b>Voltage:</b>	230 – 240V~, 50Hz
<b>Power:</b>	130W
<b>No load speed:</b>	13000min <sup>-1</sup>
<b>Base measurements:</b>	140 x 100mm
<b>Sanding sheet type:</b>	Triangular, hook and loop-backed
<b>Power cord length:</b>	3.1m
<b>Insulation:</b>	
<b>Protection class:</b>	IP20
<b>Dimensions (L x W x H):</b>	285 x 135 x 245mm
<b>Weight:</b>	2.3kg
As part of our ongoing product development, specifications of Triton products may alter without notice.	
<b>Sound and vibration information</b>	
<b>Sound pressure L<sub>pk</sub>:</b>	78dB(A)
<b>Sound power L<sub>wa</sub>:</b>	89dB(A)
<b>Uncertainty K:</b>	3dB
<b>Weighted vibration a<sub>w</sub>:</b>	3.2m/s <sup>2</sup>
<b>Uncertainty K:</b>	1.5m/s <sup>2</sup>
The sound intensity level for the operator may exceed 85dB(A) and sound protection measures are necessary.	

## Technical Abbreviations Key

<b>V</b>	Volts
<b>~</b>	Alternating current
<b>A</b>	Ampere
<b>n<sub>o</sub></b>	No load speed
<b>Hz</b>	Hertz
<b>W, kW</b>	Watt, kilowatt
<b>/min or min<sup>-1</sup></b>	(revolutions or reciprocation) per minute

**WARNING:** Always wear ear protection where the sound level exceeds 85dB(A) and limit the time of exposure if necessary. If sound levels are uncomfortable, even with ear protection, stop using the tool immediately and check the ear protection is correctly fitted and provides the correct level of sound attenuation for the level of sound produced by your tool.

**WARNING:** User exposure to tool vibration can result in loss of sense of touch, numbness, tingling and reduced ability to grip. Long term exposure can lead to a chronic condition. If necessary, limit the length of time exposed to vibration and use anti-vibration gloves. Do not operate the tool with hands below a normal comfortable temperature, as vibration will have a greater effect. Use the figures provided in the specification relating to vibration to calculate the duration and frequency of operating the tool.

Sound and vibration levels in the specification are determined according to EN60745 or similar international standards. The figures represent normal use for the tool in normal working conditions. A poorly maintained, incorrectly assembled, or misused tool, may produce increased levels of noise and vibration. [www.osha.europa.eu](http://www.osha.europa.eu) provides information on sound and vibration levels in the workplace that may be useful to domestic users who use tools for long periods of time.

## General Safety

**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.

**WARNING:** This appliance is not intended for use by persons (including children) with reduced, physical or mental capabilities or lack of experience or knowledge unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children must be supervised to ensure that they do not play with the appliance.

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 adapter 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.**
- g) **When used in Australia or New Zealand, it is recommended that this tool is ALWAYS supplied via Residual Current Device (RCD) with a rated residual current of 30mA or less.**

### 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, clothing and gloves 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.**

### 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 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.**
- 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. 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.**

### 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.**

## Sanding Tool Safety



### WARNING!

- **Hold the power tool by insulated handles or gripping surfaces only, because the sanding belt/sheet 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.**
  - **Use clamps or another practical way to secure the workpiece to a stable platform. Holding the workpiece by hand or against the body makes it unstable and may lead to loss of control.**
  - **Recommendation that the tool always be supplied via a residual current device with a rated residual current of 30 mA or less.**
  - **If the replacement of the supply cord is necessary, this has to be done by the manufacturer or his agent in order to avoid a safety hazard.**
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- a. **ALWAYS wear appropriate protective equipment, including a dust mask with a minimum FFP2 rating, eye protection and ear defenders**
  - b. **Ensure all people in the vicinity of the work area are also equipped with suitable personal protective equipment**
  - c. **Take special care when sanding some woods (such as beech, oak, mahogany and teak), as the dust produced is toxic and can cause extreme reactions**
  - d. **NEVER use to process any materials containing asbestos. Consult a qualified professional, if you are uncertain whether an object contains asbestos**
  - e. **DO NOT sand magnesium or alloys containing a high percentage of magnesium**
  - f. **Be aware of paint finishes or treatments that may have been applied to the material that is being sanded. Many treatments can create dust that is toxic, or otherwise harmful. If working on a building constructed prior to 1960, there is an increased chance of encountering lead-based paints**
  - g. **The dust produced when sanding lead-based paints is particularly hazardous to children, pregnant women, and people with high blood pressure. DO NOT allow these people near to the work area, even if wearing appropriate personal protective equipment**
  - h. **Whenever possible, use a vacuum dust extraction system to control dust and waste**
  - i. **Be especially careful when using a machine for both wood and metal sanding. Sparks from metal can easily ignite wood dust. ALWAYS clean your machine thoroughly to reduce the risk of fire**
  - j. **Empty the dust bag or container (where applicable) frequently during use, before taking breaks and after completion of sanding. Dust may be an explosion hazard. DO NOT throw sanding dust into an open fire. Spontaneous combustion may occur when oil or water particles come into contact with dust particles. Dispose of waste materials carefully and in accordance with local laws and regulations.**
  - k. **Work surfaces and sandpaper can become very hot during use. If there is evidence of burning (smoke or ash), from the work surface, stop and allow the material to cool. DO NOT touch work surface or sandpaper until they have had time to cool**
  - l. **DO NOT touch the moving sandpaper**
  - m. **ALWAYS switch off before you put the sander down**
  - n. **DO NOT use for wet sanding. Liquids entering the motor housing can cause severe electric shocks**
  - o. **ALWAYS unplug the sander from the mains power supply before changing or replacing sandpaper**
  - p. **Even when this tool is used as prescribed it is not possible to eliminate all residual risk factors. If you are in any doubt as to safe use of this tool, do not use it**

# Product Familiarisation

1. On/Off Switch
2. Palm Grip Handle
3. Dust Extraction Port
4. Sanding Base
5. Dust Extraction Adaptor (shown fitted)

## Accessories (not shown):

- 1x carry case (not shown)
- 4x detail sanding sheet, 60 grit
- 4x detail sanding sheet, 120 grit
- 2x detail sanding sheet, 240 grit

## Intended Use

- Electric sander using triangular hook and loop sanding sheets, suitable for intricate, light to medium duty detail sanding tasks on soft and hardwood, painted surfaces and other suitable materials.

## Unpacking Your Tool

- Carefully unpack and inspect your tool. Fully familiarise yourself with all its features and functions
- Ensure that all parts of the tool are present and in good condition. If any parts are missing or damaged, have such parts replaced before attempting to use this tool

## Before Use

**WARNING:** Ensure the sander is disconnected from the power supply before attaching or changing any accessories.

- This sander is supplied fully assembled, apart from the dust extraction adaptor

## Selecting the right grade of sanding sheet

**Note:** This detail sander is supplied with a variety of different grit sanding sheets. Always use good quality sanding sheets to maximise the quality of the finished task. Always test the sander on a scrap piece of material to determine whether the sanding sheet is suitable for the intended task:

- Coarse (60 grit) for use on rough material
- Medium (120 grit) for smoothing off
- Fine (240 grit) for finishing

## Changing the sanding sheet

**WARNING:** Always switch off and disconnect from the power supply before changing the sanding sheet.

1. Remove the old sanding sheet by pulling it off the machine's hook and loop Sanding Base (4)
2. Clean any dust or debris from the hook and loop surfaces
3. Align the dust extraction holes in the sanding sheet with those of the base (Image A), and press it firmly in place

**Note:** Do not continue to use worn, torn, or heavily clogged sanding sheets. Ensure foreign objects, such as nails and screws, are removed from the workpiece before commencing sanding.

**WARNING:** Do not use a sanding sheet on wood that has previously been used on metal. This may cause scouring on the wooden surface.

## Connecting the dust extraction system

**Note:** This sander can be connected to a vacuum cleaner or workshop dust extraction system. The adaptor is designed to fit a 32mm diameter hose. If a vacuum system is unavailable, a dust bag can be used instead.

1. Insert the Dust Extraction Adapter (5) into the Dust Extraction Port (3)
2. Twist the mechanism to tighten (Image B)
3. Push the hose of the dust extraction system on to the adaptor, or attach a suitable dust bag

## Notes:

- Ensure the sanding sheets used are hole-punched for use with detail sanders with dust extraction. Ensure the holes in the sanding sheet line up with the holes in the sanding base of the tool
- If using a dust bag, remove and clean out on a regular basis. Ideally, empty the dust bag when it is half full.

**WARNING:** Remove and DO NOT use a dust bag when sanding metal. Hot metal particles and sparks could ignite residual wood dust, or cause the bag to catch fire. Connect the sander to a suitable workshop dust extraction system instead. Always clean the tool THOROUGHLY when switching from sanding wood to sanding metal, and vice versa.

**WARNING:** Always connect the sander to a suitable vacuum cleaner or workshop dust extraction system if the sanding dust contains harmful substances, such as particles from old paint, varnish, surface coatings etc. Always dispose of harmful dust according to laws and regulations.

**WARNING:** Take special care to guard against harmful and toxic dusts when sanding lead-based painted surfaces, woods and metals, particularly if you are unsure about the exact substances involved. All persons entering the work area must wear a mask specially designed for protection against the toxic dust and fumes involved. Children and pregnant women MUST NOT enter the work area. DO NOT eat, drink or smoke in the work area.

## Operation

### Switching on and off

**WARNING:** Always wear safety goggles, an adequate dust mask, hearing protection and suitable gloves, when working with this tool.

**WARNING:** Never switch the sander on when the base is in contact with the workpiece or any other surface, as this might cause the operator to lose control over the machine, and lead to serious injury.

1. Connect the sander to the mains power supply
2. Push the On/Off Switch (1) on the side marked 'I', to switch on the sander
3. Switch off the sander by pushing the on/off switch on the side marked 'O'

**WARNING:** Always wait until the machine has stopped vibrating completely before putting it down. Always disconnect from the power supply after use.

### Sanding

**WARNING:** Always wear safety goggles, an adequate dust mask, hearing protection and suitable gloves, when working with this sander.

**WARNING:** Do not touch the moving sanding sheet.

**Note:** This sander is designed for detailed sanding tasks on wood, metal, plastic and similar materials, as well as painted surfaces. Use a different type of sanding machine first (e.g. a belt sander), should you need to remove large amounts of material. This sander can then be used for finishing tasks and detail work.

**WARNING:** Do not use this sander for sanding magnesium.

**Note:** Always use clamps to secure your workpiece to the workbench wherever possible.

1. Grip the Palm Grip Handle (2) firmly, and switch the sander on
2. Move the machine in a circular motion over the workpiece surface, applying an even, moderate pressure until the desired surface finish is reached (Image C)
3. If there are still scratches on the workpiece after sanding, try either of the following:
  - Return to a coarser grit sanding sheet and sand the marks out before recommencing with the original choice of sanding sheet or,
  - Try using a new sanding sheet of the same grit to eliminate the unwanted marks before progressing to a finer grit and finishing the job

**WARNING:** Do not allow the sandpaper to completely wear down before replacing it. Failure to observe these precautionary measures can lead to damage to the hook and loop surfaces, resulting in sanding sheets failing to attach properly.

## Accessories

- A range of accessories, including a variety of different grade sanding sheets is available from your Triton dealer. Spare parts can be purchased from your Triton dealer or online at [www.toolsparsonline.com](http://www.toolsparsonline.com)

## Maintenance

- This tool is manufactured using class leading components and makes use of the latest in intelligent circuitry that protects the tool and its components. In normal use it should provide a long working life

### Cleaning

- Keep your machine clean at all times. Dirt and dust will cause internal parts to wear quickly, and shorten the machine's service life. Clean the body of your machine with a soft brush or dry cloth. If available, use clean, dry, compressed air to blow through the ventilation holes

**CAUTION:** Water must never come into contact with the sander.

Hook and loop surfaces

- Hook and loop surfaces need to be clean, free of dirt and foreign matter, such as hair, fibres, sand etc.
- In order to provide adequate adhesion for securing accessories, hook and loop surfaces must be in good condition
- When used extensively, hooks and loops will become elongated or broken, and the mechanism cannot provide the required strength of adhesion anymore

**Note:** This sander's hook and loop Sanding Base (4) is NOT a warranty item. Replacement plates can be fitted at an authorised GMC service centre.

## Storage

- Store this tool and its accessories after use in its case, in a dry, secure place out of the reach of children

# Disposal

Always adhere to national regulations when disposing of power tools that are no longer functional and are not viable for repair.

- Do not dispose of power tools, or other waste electrical and electronic equipment (WEEE), with household waste
- Contact your local waste disposal authority for information on the correct way to dispose of power tools

# Warranty

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

This product is covered by a 36 month warranty.

This warranty will not apply:

- (i) where this product has been subjected to misuse, abuse, accident or want of care;
- (ii) where this product has been used for a purpose for which it was not designed or is not suited;
- (iii) where the service of this product has been undertaken by a non-authorized person or company or if non-approved parts have been used;
- (iv) where this product has been used for industrial purposes.

Should service become necessary during the warranty period, the purchaser should contact an Authorised Service Centre or White International. In order to obtain warranty service, the purchaser must present the store receipt showing the name of the retailer and the date of purchase.

The period of the warranty begins from the original date of purchase, notwithstanding any subsequent repair or parts replacement.

Purchaser shall be responsible for all transport charges to and from the Authorised Service Centre.

Damage in transit is not covered by this warranty. The purchaser should remove from the product any liquids (if applicable) before sending the tool for service or repair. The tool should be packed securely to prevent damage.

# Warranty exclusions

Wear parts or service related parts required when performing normal and regular maintenance of this product are not covered by warranty unless it is found to be defective by an Authorised Service Centre. These include, but are not limited to: Blades

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The White International Policy is one of continuous improvement and the company reserves the right to alter designs, colours and specifications without notice

# Guarantee

To register your guarantee visit our web site at [www.tritontools.com](http://www.tritontools.com)\* and enter your details. Your details will be included on our mailing list (unless indicated otherwise) for information on future releases. Details provided will not be made available to any third party.

# Purchase Record

Date of Purchase:    \_\_\_/\_\_\_/\_\_\_

Model:   XTDPS

Serial Number:       \_\_\_\_\_

(located on tool housing)

Retain your receipt as proof of purchase

Triton Precision Power Tools guarantees to the purchaser of this product that if any part proves to be defective due to faulty materials or workmanship within 3 YEARS from the date of original purchase, Triton will repair, or at its discretion replace, the faulty part free of charge.

This guarantee does not apply to commercial use nor does it extend to normal wear and tear or damage as a result of accident, abuse or misuse.

\* Register online within 30 days.

Terms & conditions apply.

This does not affect your statutory rights

