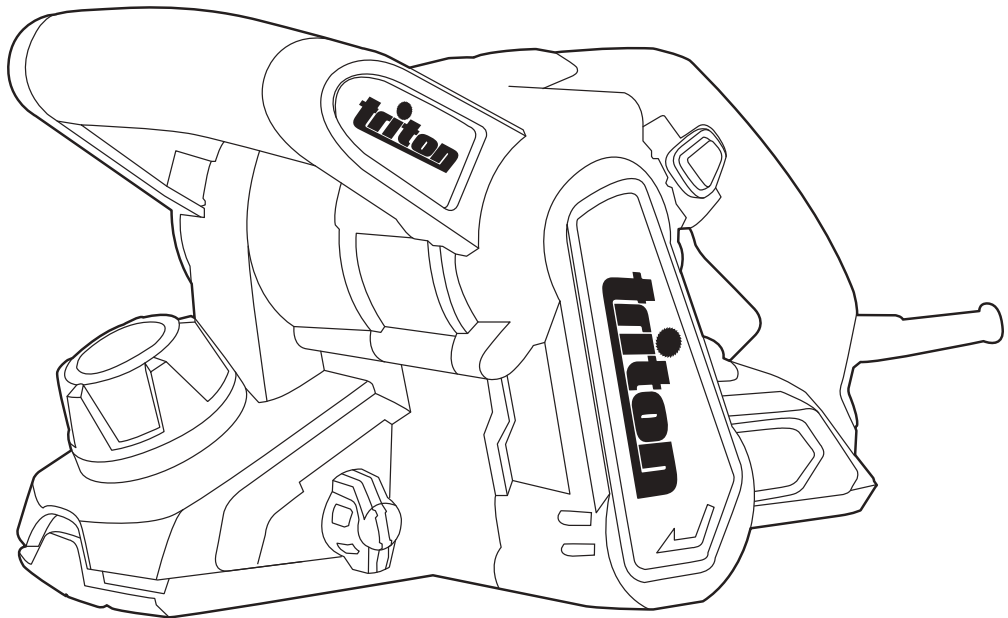




**triton**

**Unlimited  
Rebate Planer 750W**

**TRP** UL

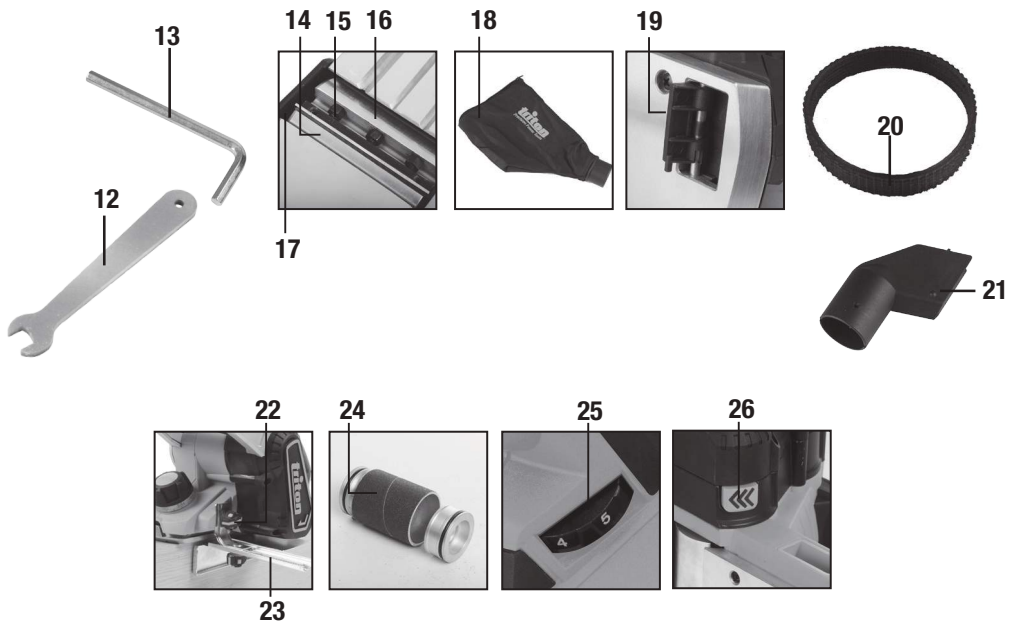


**BORN IN AUSTRALIA**

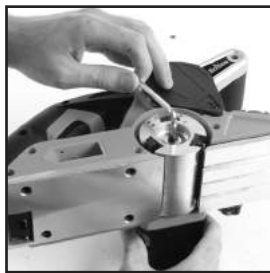


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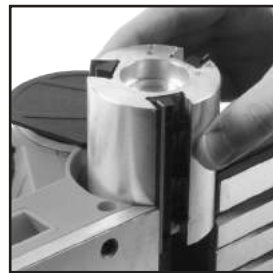
**A**



**B**



**C**



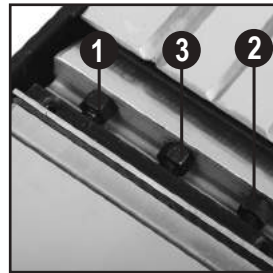
**D**



**E**



**F**



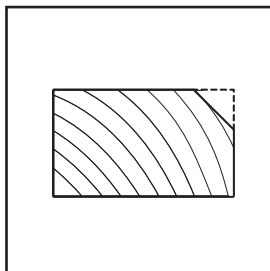
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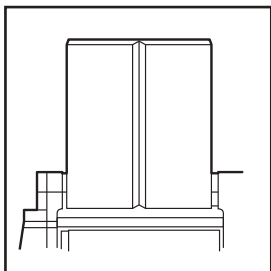
**H**



**Fig.I**



**Fig.II**



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



Read instruction manual



Wear hand protection



Double insulated for additional protection



DO NOT touch! DO NOT access the guard without removing the power. Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control. All visitors should be kept safe distance from work area.



Conforms to relevant legislation and safety standards.



**Environmental Protection**  
Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

## Specification

<b>Model number:</b>	TRPUL
<b>Voltage:</b>	220-240V~, 50/60Hz
<b>Power:</b>	750W
<b>Variable Speed:</b>	5000 – 15,500min <sup>-1</sup>
<b>Blades:</b>	3 reversible blades 82mm standard
<b>Planing Width:</b>	82mm
<b>Depth of Cut Range:</b>	0 – 3mm
<b>Left or Right Chip Exit:</b>	Yes
<b>Bevelling V Grooves:</b>	1
<b>Parking Stand:</b>	Automatic
<b>Weight:</b>	3.9kg
<b>Sound and vibration information</b>	
<b>Sound pressure L<sub>PA</sub>:</b>	87.1dB(A)
<b>Sound power L<sub>WA</sub>:</b>	98.1dB(A)
<b>Uncertainty K:</b>	3dB(A)
<b>Weighted Vibration A<sub>v</sub> (Main Handle):</b>	9.326m/s <sup>2</sup>
<b>Weighted Vibration A<sub>v</sub> (Auxiliary Handle):</b>	7.727m/s <sup>2</sup>
<b>Uncertainty K:</b>	1.5m/s <sup>2</sup>

## Technical Abbreviations Key

<b>V</b>	Volts
<b>~</b>	Alternating current
<b>A</b>	Ampere
<b>n0</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

As part of our ongoing product development, specifications of Triton products may alter without notice.

The sound intensity level for the operator may exceed 85dB(A) and sound protection measures are necessary.

**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.

### Work area safety

- Keep work area clean and well lit.** Cluttered or 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.

### 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.

### 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.** 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.

### 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 tool's operation.** If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- 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, 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.

**WARNING:** 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.

### 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.

## Additional Safety for Electric Planers



**WARNING!**

- Wait for the cutter to stop before setting the tool down.** An exposed rotating cutter may engage the surface leading to possible loss of control and serious injury.
- Hold the power tool by insulated gripping surfaces only, because the cutter 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 and support the workpiece to a stable platform.** Holding the work by your hand or against the body leaves it unstable and may lead to loss of control.
- 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.**
- It is strongly recommended that the tool always be supplied via a residual current device with a rated residual current of 30 mA or less.**



**Use appropriate respiratory protection:** Use of this tool can generate dust containing chemicals known to cause cancer, birth defects or other reproductive harm. Some wood contains preservatives such as copper chromium arsenate (CCA) which can be toxic. When sanding, drilling, or cutting these materials extra care should be taken to avoid inhalation and minimise skin contact.

## IMPORTANT

- Use suitable detectors to determine if utility lines are hidden in the work area or call the local utility company for assistance. *Contact with electric lines can lead to fire and electric shock. Damaging a gas line can lead to explosion. Penetrating a water line causes property damage or may cause an electric shock.*
  - Do not reach into the chip ejector with your hands. *They could be injured by rotating parts.*
  - A dust mask and dust extraction system are strongly recommended during usage to protect the operator against dust. *Electric planers generate a large quantity of dust and some materials will produce toxic dust.*
  - Use only sharp blades. *Handle the blades very carefully.*
- a) Check the voltage of the tool rating label matches the voltage of the mains supply
  - b) Ensure all nails, screws etc are removed from the workpiece before commencing the task. *Otherwise, damage to the blade or planer could occur, causing a safety hazard*
  - c) Ensure all cloth, cord, rags, string and similar items are removed from the work area. *To prevent entanglement in the planer mechanism*
  - d) Ensure that the blade installation bolts are securely tightened before operation
  - e) Before using the planer on a workpiece, switch on and allow it to run for a while. *Check for vibration or wobbling that could indicate a badly installed, or a poorly balanced blade*
  - f) Allow the machine to reach full speed before making contact with the workpiece and starting cutting
  - g) Operate the planer only when controlled by both hands and is correctly held before switching on
  - h) Ensure the planer is at least 200mm away from your face and body
  - i) Wait until the blades reach full speed before cutting
  - j) Shavings may jam in the chute when cutting damp wood. *Switch off, disconnect from the power supply and clean out the chips with a stick. Never put your finger into the chip chute*
  - k) ALWAYS switch off and allow the blades to come to a complete standstill before attempting any adjustments, cleaning or carrying out maintenance
  - l) ALWAYS disconnect from the power supply when leaving the machine unattended
  - m) When not in use, disconnect from the power source and place the front base on a wooden block so that the blades are not in contact with anything
  - n) Replace all blades at the same time, *otherwise the resulting imbalance will cause vibration and shorten the service life of planer and blades*

## Cutting Tool Safety

**WARNING:** Before connecting a tool to a power source (mains switch power point receptacle, outlet, etc.) be sure that the voltage supply is the same as that specified on the nameplate of the tool. A power source with a voltage greater than that specified for the tool can result in serious injury to the user, and damage to the tool. If in doubt, do not plug in the tool. Using a power source with a voltage less than the nameplate rating is harmful to the motor.

### Use the correct cutting tool

- Ensure the cutting tool is suitable for the job. Do not assume a tool is suitable without checking the product literature before use

### Protect your eyes

- Always wear appropriate eye protection when using cutting tools
- Spectacles are not designed to offer any protection when using this product; normal lenses are not impact resistant and could shatter

### Protect your hearing

- Always wear suitable hearing protection when tool noise exceeds 85dB

### Protect your breathing

- Ensure that yourself, and others around you, wear suitable dust masks

### Protect your hands

- Do not allow hands to get close to the cutting wheel or blades. Use a suitable push stick for shorter workpieces with appropriate power tools

### Be aware of others around you

- It is the responsibility of the user to ensure that other people in the vicinity of the work area are not exposed to dangerous noise or dust and are also provided with suitable protective equipment

### Hidden objects

- Inspect the workpiece and remove all nails and other embedded objects before cutting
- Do not attempt to cut material that contains embedded objects unless you know that the cutting tool fitted to your machine is suitable for the job
- Walls may conceal wiring and piping, car body panels may conceal fuel lines, and long grass may conceal stones and glass. Always check the work area thoroughly before proceeding

### Beware of projected waste

- In some situations, waste material may be projected at speed from the cutting tool. It is the user's responsibility to ensure that other people in the work area are protected from the possibility of projected waste

### Fitting cutting tools

- Ensure cutting tools are correctly and securely fitted and check that wrenches / adjusters are removed prior to use
- Only use cutting tools recommended for your machine
- Do not attempt to modify cutting tools
- Ensure blades are sharp, in good condition and correctly fitted
- Do not attempt to sharpen blades that are not suitable for sharpening, these may include specially hardened blades or blades made from hardened alloys typically containing tungsten
- Blades that can be sharpened should be sharpened only according to the blade manufacturer's instructions. These may include a limited number of times the blade can be sharpened
- Sharpened blades should be more thoroughly inspected before use and replaced immediately if there is any doubt about their condition and suitability for use
- In the event blades encounter an embedded object in use that the blades are not suitable for, blades should be replaced immediately

### Direction of feed

- Always feed work into the blade or cutter against the direction of movement of the blade or cutter

### Beware of heat

- Cutting tools and workpieces may become hot in use. Do not attempt to change tools until they have been allowed to cool completely

### Control dust / swarf

- Do not allow dust or swarf to build up. Sawdust is a fire hazard, and some metal swarf is explosive
- Be especially careful when cutting wood and metal. Sparks from metal cutting are a common cause of wood dust fires
- Where possible, use a dust extraction system to ensure a safer working environment

## 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.*

**WARNING:** 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.*

- 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. Depth Adjustment Dial
2. Front Handle
3. Drum Guard Release Lever
4. Power ON Indicator Neon
5. On/Off Trigger Switch
6. Lock-Off Button
7. Main Handle
8. Power Cord
9. Dust Diverter Guide Switch
10. Dust/Chip Extraction Port
11. Fixed Rear Base
12. Spanner
13. Hex Key
14. Fitted Reversible Blades  
(replacement blades available separately. Part no. TRPPB)
15. Clamping Screws
16. Blade Drum
17. Drum Guard
18. Shavings Collection Bag
19. Rear Parking Foot
20. Spare Drive Belt (not included)
21. Dust/Chip Adaptor Tube
22. Parallel Fence Attachment Knob
23. Parallel Fence Guide
24. Sanding Drum with Sleeve  
(replacement sanding sleeves available separately: Part No. TRPSS)
25. Variable Speed Control
26. Drum Spindle Lock Button

## Intended Use

Electric hand planer used for light and medium-duty planing of hard and soft wood, with adjustable depth of cut and unlimited rebate depth, and for sanding tasks, using the supplied sanding drum.

## Unpacking Your Tool

- Carefully unpack and inspect your tool. 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

Always ensure that the tool is switched off and unplugged from the power supply before making any adjustments, and before fitting or removing the blade or sanding drums

### Replacing blades

- Always completely remove the blade drum prior to installing new blades. For your own safety, it is not recommended to remove the planer blades while the drum is still installed in the planer
- The planer is fitted with reversible blades. Blades can be reversed when blunt. After both sides of the blade have been used, they must be discarded.
- Replacement planer blades are available from your Triton retailer (Part no. TRPPB)

### Removing the blade drum

1. Place the planer on its side so that the motor is facing down
2. Press the Drum Guard Release Lever (3) to raise the Drum Guard (17) for access to the Blade Drum (16)
3. Insert the short end of the supplied Hex Key (13) into the screw head in the centre of the blade drum (Image A)
4. Press the Drum Spindle Lock Button (26), and rotate the drum until it is locked.

**Note:** The blade drum has two lock out positions.

5. Keep the spindle locked whilst you loosen and remove the hex head screw, and then the two flat washers (Image B)
6. Carefully remove the drum from the spindle (Image C)

**Warning:** The blades are very sharp. Take care when handling the drum

### Removing planer blades

1. Secure the blade drum in a vice with one Blade (14) facing up so that it is accessible
2. Protect the drum with a cloth or similar padding when putting it in the vice
3. Using the Spanner (12), loosen the three screws on the blade clamp (Image D) just sufficiently to remove the clamp from the drum
4. Carefully remove the blade from the blade clamp slot (Image E)

### Installing planer blades (B)

- The blades have a cutting edge on both sides so are reversible. If a blade is worn or damaged on one side, you can re-install it the other way round to use the other cutting edge
  - **IMPORTANT:** A single blade may be replaced only if it is damaged. If the blade is worn, you must replace all three blades in the drum to prevent unbalanced operation, which can cause dangerous vibration and damage to the tool
  - If replacing blades, use blades of the same dimensions and weight, or the drum will oscillate and vibrate causing poor planing action and possibly breakdown
  - The quality of finish relies on correct installation of the blades. Clean away any woodchips or other foreign matter adhering to the blade drum or clamps
1. Slide the blade into the slot in the blade clamp so that:
    - The new cutting edge is face up
    - The raised back of the blade is positioned on the opposite side to the clamping screws, and the flat face of the blade is pointing towards the clamping screws



2. Check that the blade is centered in the slot and is fully inserted. This is essential in order to enable correct rebating and to prevent the blade coming into contact with the drum guard – this may break the guard and cause an injury
3. Now re-fit the blade clamp. Ensure that it is facing the correct way and that it sits square in the drum
4. Tighten the Clamping Screws 1 3 2 (15) evenly as follows (Image F):
  - Tighten the two outside clamping screws snug tight, then the middle screw
  - Working in the same order, fully tighten all three screws
5. Loosen the vice and rotate the drum to repeat the above procedure to fit the other two blades

### Refitting the blade drum

1. Place the planer on its side
2. Raise the Drum Guard (17)
3. Slide the Blade Drum (16) onto the spindle and into the housing (Image G)
4. Press in the Drum Spindle Lock Button (26) and rotate the Drum (16) until it is locked in place. Continue to hold the lock button until you have secured the drum in position

**Note:** The blade drum has two lock out positions

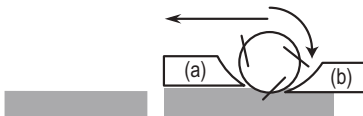
5. Re-insert the large washer, adjusting its position so that it engages onto the end of the spindle
6. Insert the smaller washer followed by the hex head screw

**WARNING:** If the larger washer is not correctly orientated the drum cannot be firmly secured.

7. Use the Hex Key (13) to fully tighten the hex head screw to secure the drum in position
8. Release the spindle lock and close the drum guard

### Correct setting of blades

It is essential that the blades are set correctly or the workpiece will end up rough and uneven. For a clean, smooth cut, the blades must be mounted so that the cutting edge is absolutely level. i.e. parallel to the surface of the rear base (b)



### Nicks in surface

The cutting edge of one or all blades is not parallel to the rear base



### Gouging at start

One or all blades are not protruding enough in relation to the rear base



### Fitting the sanding drum (9-12)

- A Triton Sanding Drum (24) and sanding sleeve are supplied for use with this tool. You can convert the Triton Unlimited Rebate Planer into a sander by fitting the sanding drum in place of the blade drum
- Replacement sanding sleeves are available from your Triton retailer (Part no. TRPSS)
- Using the sanding drum and sleeve, this tool is ideal for quickly removing a large amount of material

- Do not use this sander for sanding steel or magnesium

### Fitting a sanding sleeve

The sanding drum is supplied in two sections. Separate the two sections in order to fit or remove a sanding sleeve

1. Ensure all the rubber 'O' rings are in place
2. Slide the sanding sleeve fully onto the larger section of the sanding drum (Note: it will only fit on one way)
3. Insert the smaller section of the sanding drum into the sanding sleeve and align so that the groove in the inner ring of the smaller drum section fits over the nib on the spigot of the larger section

### Fitting the sanding drum in the tool

- Always ensure that the tool is switched off and unplugged from the power supply before installing or removing a drum
- To fit or remove the sanding drum, use the same method as set out above for 'Removing the Blade Drum' and 'Refitting the Blade Drum'

### Parallel fence guide (13)

1. Fit the Parallel Fence Guide (23) using the fixing angle and the Parallel Fence Attachment Knob (22) (Image H)
2. When set at right angles to the planer base, the fence provides a guide to help control the planing action

## Operation

### Switching on and off

**WARNING:** Before plugging the machine into the power socket always check that the On/Off Trigger Switch (5) and Lock-Off Button (6) work properly

1. Plug in the machine and grip the tool with your index finger on the on/off trigger switch and thumb on the lock-off button
2. Depress the lock-off button with your thumb and squeeze the on/off trigger switch, with the rest of your hand gripping the tool. You can release the lock-off button once the planer has started
3. To stop the tool, release the thumb hold on the on/off trigger switch
4. In order to restart the machine, it is necessary to operate both the lock-off button and the on/off switch

**Warning:** Please note that the planer blades continue to turn for some time after switching off the planer. Wait until the motor has completely stopped before setting down the tool to prevent damage to the planer blades or the surface if you wish to rest the planer on its side, do not rest it on the side with the vents to prevent dust or chips from getting into the motor

5. When the planer is not to be used for a short period, set the depth control knob to the 'P' position and rest the front of the planer on a block of wood to keep the base clear of the surface. Ensure that the rear parking foot is down to protect blades

### Adjusting the speed

The speed of the drum can be adjusted to suit the material being planed or sanded.

Use the Variable Speed Control (25) to adjust the speed for the job in hand.

**Note:** For planing it is recommended to have the planer running at full speed to obtain the cleanest possible result.

When sanding, the speed should be set from 1-6; on 'MAX' (maximum speed), the unit will vibrate and be hard to hold.

### Adjusting the depth of cut

1. Rotate the Depth Adjustment Dial (1) clockwise for a deeper cut and anticlockwise for a shallower cut
2. The calibrations on the ring under the Depth Adjustment Dial indicate the depth of cut. For example, when '1' is next to the pointer on the front of the planer, the depth of cut is approximately 1mm
3. If depth of cut is critical, plane a scrap piece of wood, measure the difference in thickness and adjust the setting as needed

### Planing

1. Rest the front of the planer on the workpiece, ensuring the blades are not in contact with the workpiece
2. Switch on the tool and wait for the blades to reach full speed
3. Move the planer gently forward, applying pressure on the front of the tool at the start of planing, and pressure at the rear of the tool towards the end

of the planing stroke

**Note:** As a feature this planer has been fitted with a larger front handle than traditional electric planers. The front handle provides for good ergonomics when planing, allows the operator to balance and control the unit with ease and is particularly useful when vertical planing

4. Push the planer beyond the edge of the workpiece without tilting it downwards

**Note:** Planing is easier if you incline the workpiece slightly away from you so that you plane 'downhill'

5. The rate of planing and the depth of cut determine the quality of the finish. For rough cutting, you can increase the depth of cut, however to achieve a good finish you will need to reduce the depth of cut and advance the tool more slowly

**WARNING:** Moving the machine too fast may cause a poor quality of cut and can damage the blades or the motor.

Moving the machine too slowly may burn or mar the cut. The proper feed rate will depend on the type of material being cut and the depth of the cut. Practice first on a scrap piece of material to gauge the correct motion

**WARNING:** Always use two hands to hold the planer

**WARNING:** Where possible, clamp the workpiece to a workbench

6. In between operations, you can rest the planer on a flat surface with the Rear Parking Foot (19) hinged down to support the planer so that the blades are kept clear of the surface. Ensure the rear parking foot has been moved across from the locked position (for transit) to the automatic position

## Chamfering (I - II)

1. To make a chamfered cut (Fig. I), first align the 'V' groove (Fig. II) in the front base of the planer with the corner edge of the workpiece
2. Run the planer along the corner edge.

## Full/unlimited rebating

The planer has an unlimited rebating capability. When operating the planer to achieve a full rebate, adhere to all instructions below:

1. Using the thumb on the hand gripping the Front Handle (2), push the Drum Guard

Release lever (3) down to raise the Drum Guard (17) to expose the Blade Drum (16). This enables full unlimited rebating

2. Run the planer along the workpiece
3. Once you have finished planing the section, take the pressure off the Drum Guard Release Lever (3) and check the drum guard fully covers the blade drum

**WARNING:** Do not raise the drum guard if you are not performing a full/unlimited rebate application

**WARNING:** If the drum guard does not close completely, stop using the tool immediately and have the unit serviced by a qualified service agent. If you use the product with a defective blade drum guard the manufacturer will not be held liable for any damage or personal injury caused.

**Note:** Do not apply too much force on the lever, excess pressure may cause blade guard to break.

## Sanding

To use this tool as a sander, fit the sanding drum and sleeve designed for this tool. See 'Fitting the Sanding Drum'

Replacement sanding sleeves are available from your Triton retailer (Part no. TRPSS)

## Wear safety goggles, a dust mask and earmuffs

1. Check that the sanding drum and sanding sleeve are in good condition and fixed tightly securely
2. **IMPORTANT:** Set the planing Depth Adjustment Dial (1) to the '0' height setting
3. Use the Variable Speed Control (25) to set an appropriate speed 1 - 6. Do not use the MAX setting as this will cause the sander to vibrate
4. Depress the Lock-Off Button (6) and squeeze the On/Off Trigger Switch (5). Allow the motor to reach the set speed before bringing the sander into contact with the workpiece
5. Sand with the grain, in parallel overlapping strokes

6. Adjust the variable speed dial as required
  7. To remove paint or smooth very rough wood, sand across the grain at 45° in two directions, and then finish the parallel with the grain
  8. Lift the sander off the workpiece before switching it off
    - Remember to keep your hands away from the moving sanding drum, as it will continue to move for a short time after the machine is switched off
- Note:** After sanding with a drum sander, use of an orbital sander is recommended to achieve a smoother finished surface.

## Dust/shavings extraction

1. Connect the Dust/Chip Adaptor Tube (21) to the Dust/Chip Extraction Port (10)
2. The adaptor tube can be installed to allow shavings to flow either to the left or to the right of the workpiece
3. Use the Dust Diverter Guide Switch (9) to select the Dust/Chip Extraction Port (10). Swing the lever across to close the port you do not want to use
4. A workshop dust extraction system or a household vacuum cleaner can be connected to the adaptor tube for the efficient removal of dust and shavings, permitting a safer and cleaner working environment

## Maintenance

**WARNING:** Always ensure that the tool is switched off and the plug is removed from the power point before making any adjustments or maintenance procedures.

- Inspect the supply cord of the tool, prior to each use, for damage or wear. This advice also applies to extension cords used with this tool
- 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.

## General inspection

- Regularly check that all the fixing screws are tight. They may vibrate loose over time
- Inspect the supply cord of the tool, prior to each use, for damage or wear. Repairs should be carried out by an authorised Triton service centre. This advice also applies to extension cords used with this tool

## Drive belt replacement

It is suggested that you wear leather gloves to change the belt in case you make contact with the blades

1. To replace the drive belt first take out the five crosshead screws that secure the drive belt cover on the left-hand side of the planer as viewed from the rear 2. Remove the damaged belt and use a soft brush to clean the pulleys and the surrounding area

**Note:** Wear eye protection when cleaning out the pulley area.

3. With the four continuous 'V' profiles on the inside, place the new belt over the bottom pulley

Half fit the other end of the belt on the top pulley then roll the belt in place whilst turning the pulley

4. Check that the belt runs evenly by manually turning the belt
5. Replace the cover and the five fixing screws
6. Connect the tool to the power supply and run the planer for a minute or two to make sure that the motor and belt are operating correctly

## Cleaning

**WARNING:** ALWAYS wear protective equipment including eye protection and gloves when cleaning this tool.

- Keep your tool clean at all times. Dirt and dust will cause internal parts to wear quickly, and shorten the device's service life
- Clean the body of your machine with a soft brush, or dry cloth
- Never use caustic agents to clean plastic parts. If dry cleaning is not sufficient, a mild detergent on a damp cloth is recommended
- Water must never come into contact with the tool
- Ensure the tool is thoroughly dry before using it
- If available, use clean, dry, compressed air to blow through the ventilation holes (where applicable)

## Lubrication

- Lubricate all moving parts with a suitable lubricant spray, at regular intervals

## Storage

- Store this tool carefully in a secure, dry 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:

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

Distributed in Australia by White International.

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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: TRPUL 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

