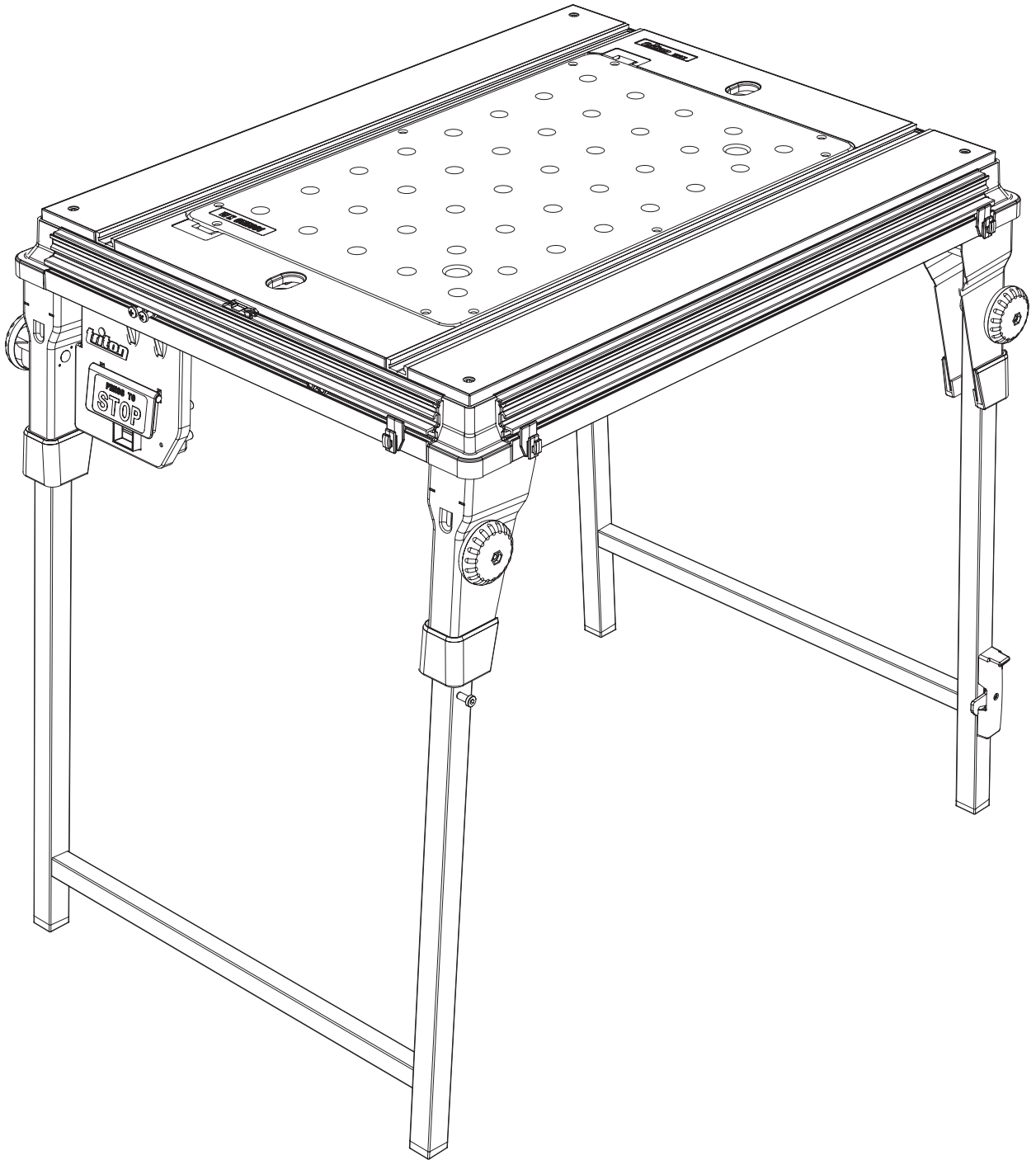


## Operating and Safety Instructions



Version date: 22.08.2017

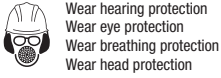
BORN IN AUSTRALIA  Est. 1976



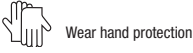
# Original Instructions

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.

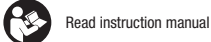
## Description of Symbols



Wear hearing protection  
Wear eye protection  
Wear breathing protection  
Wear head protection



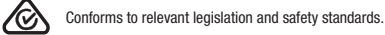
Wear hand protection



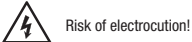
Read instruction manual



Class I construction (protective earth)



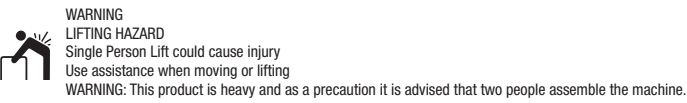
Conforms to relevant legislation and safety standards.



Risk of electrocution!



Be aware of kickback!



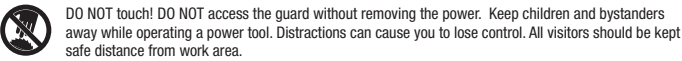
**WARNING**  
**LIFTING HAZARD**  
Single Person Lift could cause injury  
Use assistance when moving or lifting  
**WARNING:** This product is heavy and as a precaution it is advised that two people assemble the machine.



Caution!



Toxic fumes or gases!



**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.**



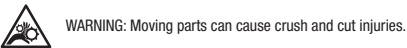
Indoors use only!



DO NOT use in rain or damp environments!



**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.



**WARNING:** Moving parts can cause crush and cut injuries.



Maximum load

## Technical Abbreviations Key

<b>V</b>	Volts
<b>~, AC</b>	Alternating current
<b>A, mA</b>	Ampere, milli-Amp
<b>∅</b>	Diameter
<b>°</b>	Degrees
<b>Hz</b>	Hertz
<b>---, DC</b>	Direct current
<b>W, kW</b>	Watt, kilowatt

## Specification

Chassis specification	
<b>Model number:</b>	TWX7
<b>Dimensions (standing) (LxWxD):</b>	1036 x 737 x 900mm
<b>Dimensions (folded) (LxWxD):</b>	995 x 737 x 317mm
<b>Module insert dimensions (LxWxD):</b>	660 x 410 x 50mm
<b>Max load capacity:</b>	150kg
<b>Net weight (chassis only):</b>	23.2kg
Electrical switchbox specification	
<b>Rating :</b>	220-240V~ 50/60Hz
<b>Max power rating:</b>	15A (3400W)
<b>No voltage release (NVR) switch with knee operation:</b>	Mounted at the front of the chassis
<b>Ingress protection:</b>	IP52
<b>Length of power cord:</b>	1.2m
<b>Protection Class:</b>	Class I
Clamping Table Module specification	
<b>Model number:</b>	TWX7CT001
<b>Bench dog holes:</b>	40
<b>Bench dog hole diameter:</b>	∅20mm (for ¾" dogs)
<b>Net weight of module:</b>	3.8kg

## General Safety

**WARNING:** When using electric power tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury including the following safety information. Read all these instructions before attempting to operate this product and save these instructions for future use.

**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.

**CAUTION:** 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.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

- 1 - Keep work area clear** - Cluttered areas and benches invite injuries
  - 2 - Consider work area environment**
    - Do not expose tools to rain
    - Do not use tools in damp or wet locations
    - Keep work area well lit
    - Do not use tools in the presence of flammable liquids or gases
  - 3 - Guard against electric shock** - Avoid body contact with earthed or grounded surfaces (e.g. pipes, radiators, ranges, refrigerators)
  - 4 - Keep other persons away** - Do not let persons, especially children, not involved in the work touch the tool or the extension cord and keep them away from the work area
  - 5 - Store idle tools** - When not in use, tools should be stored in a dry locked-up place, out of reach of children
  - 6 - Do not force the tool** - It will perform the job better and safer at the rate for which it was intended
  - 7 - Use the right tool** - Do not force small tools to do the job of a heavy duty tool
    - Do not use tools for purposes not intended; for example do not use circular saws to cut tree limbs or logs
  - 8 - Dress appropriately**
    - Do not wear loose clothing or jewellery, which can be caught in moving parts
    - Suitable safety footwear is recommended when working outdoors.
    - Wear protective covering to contain long hair
  - 9 - Use protective equipment**
    - Use safety glasses
    - Use face or dust mask if working operations create dust
- WARNING:** Not using protective equipment or appropriate clothing can cause personal injury or increase the severity of an injury.
- 10 - Connect dust extraction equipment** - If the tool is provided for the connection of dust extraction and collecting equipment, ensure these are connected and properly used
  - 11 - Do not abuse the power cable** - Never yank the power cable to disconnect it from the socket. Keep the power cable away from heat, oil and sharp edges. Damaged or entangled power cables increase the risk of electric shock
  - 12 - Secure work** - Where possible use clamps or a vice to hold the work. It is safer than using your hand
  - 13 - Do not overreach** - Keep proper footing and balance at all times

#### 14 - Maintain tools with care

- Keep cutting tools sharp and clean makes the tool easier to control and less likely to bind or lock in the workpiece
- Follow instruction for lubricating and changing accessories
- Inspect tool power cables periodically and if damaged have them repaired by an authorized service facility
- Inspect extension cables periodically and replace if damaged
- Keep handles dry, clean and free from oil and grease

**WARNING:** Many accidents are caused by poorly maintained power tools.

#### 15 - Disconnect tools -

When not in use, before servicing and when changing accessories such as blades, bits and cutters, disconnect tools from the power supply

**WARNING:** The use of accessories or attachments not recommended by the manufacturer may result in a risk of injury to persons.

#### 16 - Remove adjusting keys and wrenches -

Form the habit of checking to see that keys and adjusting wrenches are removed from the tool before switching it on

#### 17 - Avoid unintentional starting -

Ensure switch is in "off" position when connecting to a mains socket or inserting a battery pack, or when picking up or carrying the tool

**WARNING:** Unintended starting of a tool can cause major injuries.

#### 18 - Use outdoor extension leads -

When the tool is used outdoors, use only extension cords intended for outdoor use and so marked. Use of an extension cable suitable for outdoor use reduces the risk of electric shock

#### 19 - Stay alert

- Watch what you are doing, use common sense and do not operate the tool when you are tired
- Do not use a power tool while you are under the influence of drugs, alcohol or medication

**WARNING:** A moment of inattention while operating power tools may result in serious personal injury.

#### 20 - Check damaged parts

- Before further use of tool, it should be carefully checked to determine that it will operate properly and perform its intended function
- Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting and any other conditions that may affect its operation
- A guard or other part that is damaged should be properly repaired or replaced by an authorized service centre unless otherwise indicated in this instruction manual
- Have defective switches replaced by an authorized service centre

**WARNING:** Do not use the tool if the on/off switch does not turn it on and off. The switch must be repaired before the tool is used.

#### 21 - Have your tool repaired by a qualified person -

This electric tool complies with the relevant safety rules. Repairs should only be carried out by qualified persons, otherwise this may result in considerable danger to the user

**WARNING:** When servicing use only identical replacement parts.

**WARNING:** If the power cable is damaged it must be replaced by the manufacturer or an authorised service centre.

#### 22 - Power tool mains plugs must match the mains socket -

Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching sockets will reduce risk of electric shock

#### 23 - If operating a power tool outside use a residual current device (RCD) -

Use of an RCD reduces the risk of electric shock

**NOTE:** The term "residual current device (RCD)" may be replaced by the term "ground fault circuit interrupter (GFCI)" or "earth leakage circuit breaker (ELCB)".

**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.

**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.

## Workcentre Safety

**WARNING:** If the workcentre is fitted with a router module, the following safety instructions should be considered.

**WARNING:** This is a complex device that combines multiple tools into one workshop machine system. It may only be used for the applications described in this manual. DO NOT attempt to mount accessories or power tools other than those specified. DO NOT use this device for purposes for which it was not designed. This could be highly dangerous and could lead to severe injury, even death, or substantial property damage.

**WARNING:** ALWAYS wear personal protective equipment, including eye protection and cut-proof gloves when fitting power tools to Workcentre modules.

**WARNING:** DO NOT use this device with inserts for unfamiliar power tools. Seek professional training and advise prior to working with unfamiliar tools.

**WARNING:** Before connecting a tool to a power source (mains switch power point receptacle, outlet, etc) be sure 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.

1. **ALWAYS avoid positioning hands or fingers where they could be 'pinched', during assembly/folding or when changing module inserts.**
2. **NEVER load the Workcentre chassis with weights beyond the safe max load capacity listed in 'Specification'.**
3. **DO NOT sit, stand on, or climb onto the clamping table. DO NOT use this tool as a work platform or scaffolding.**
4. **DO NOT use in wet or damp environments. The Workcentre, its modules and components are designed for indoor use only, and must remain dry at all times.**
5. **ALWAYS ensure power tools are correctly and securely mounted when using modules powered by hand-held power tools.**
6. **ALWAYS fully read and understand the instruction manual supplied by the power tool manufacturer. Follow all safety advice and usage procedures.**
7. **ALL hand-held power tools used with Workcentre modules MUST be connected over the switchbox of the Workcentre. DO NOT connect power tools directly to the power supply, as this would disable important safety features of the Workcentre system.**
8. **ALWAYS disconnect the Workcentre from the power supply before changing power tools, accessories or making adjustments. ALWAYS switch the Workcentre off before disconnecting from the power supply, to prevent accidental activation when the tool is reconnected to power.**
9. **ALWAYS disconnect the Workcentre from the power supply when work is completed for the day, or when leaving the unit unattended.**
10. **ALWAYS use the push stick when adequate, as outlined in the instructions of applicable Workcentre modules. Store the push stick with the Workcentre when not in use.**
11. **ALWAYS support large workpieces on the in-feed and out-feed sides of the router table, and where necessary, also to the sides. Use roller supports or saw horses wherever possible.**

12. **LIMIT the workpiece weight and dimension to a size that can safely be cut without jeopardising the stability of the Workcentre. NEVER attempt to cut a workpiece that cannot be safely handled by the operator, or that cannot be supported, in-feed and/or out-feed.**

## Clamping Table Safety

**WARNING:** NEVER load your clamping table with weights beyond the safe max load capacity listed in 'Specification'.

1. **ALWAYS ensure even clamping of your workpiece.** NEVER apply an unbalanced load, which could result in the table tipping over.
2. **ENSURE the workpiece is securely clamped or secured before using a hand-held power tool (e.g. drill, sander, planer etc.).**
3. **ALWAYS support long or wide workpieces by using suitable side supports.**
4. **ONLY use compatible bench dog clamps with the correct diameter** to achieve reliable clamping results.
5. **DO NOT mount stationary power tools (e.g. mitre saws, planer thicknessers etc) on top of the clamping table, which exceed the maximum 150kg load capacity of the workcentre.** This could cause severe injury.
6. **DO NOT cut or drill into the clamping table surface.** Place a piece of sacrificial timber under the workpiece to avoid damage to the module and Workcentre chassis.
7. **Remove wood glue, stain or other residues immediately, using a slightly damp cloth.** DO NOT wait until the compounds have dried, and DO NOT use solvents.

## Product Familiarisation

1. Rear Chassis Legs
2. Side Support Mounting Points
3. Leg Locking Knobs
4. Side Support Knobs
5. Table Surface
6. T-slot
7. Rip Fence Clamps (x4)
8. Rugged Transit Handle (optional)
9. Front Chassis Legs
10. ON/OFF Switch
11. 'Knee-Off' Stop Button
12. Positioning Wheel
13. Leg Locking Latch
14. Outfeed Support Mounting Points
15. Outfeed Support Knobs
16. Rugged Wheel Mount (rugged wheels optional)
17. Positioning Wheel Mount
18. Power tool Connection Socket
19. Mains Plug
20. Module Locks
21. Module Mounting Guide
22. Module Rollers
23. Thumb Holes
24. Bench Dog Hole
25. Module Levelling Screws
26. Clamping Table Module
27. Module Levelling Bobbin Screw
28. Storage Hanger

## Intended use

The Triton Workcentre is a multi-functional tool system designed for mounting power tools in dedicated modules for stationary use. Easy to mount modules, including a Router Table Module (TWX7RT001), Contractor Saw Module (TWX7CS001) Project Saw Module (TWX7PS001), and a Clamping Table Module, make the Workcentre suitable for a wide variety of woodworking tasks.

## Unpacking your Tool

1. Carefully unpack and inspect your tool. Fully familiarise yourself with all its features and functions
2. 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

For instruction video, please go to [www.tritontools.com](http://www.tritontools.com)

## Before Use

**WARNING:** ALWAYS ensure the tool is switched off and disconnected from the power supply before attaching or removing any accessories, fitting or removing power tools, making adjustments, cleaning or carrying out maintenance.

### Rip fence clamp installation

- Slide the Rip Fence Clamps (7) into the guides located at the infeed and outfeed ends, Fig. D
- Slide the Storage Hangers into the guides located at the sides of the workcentre chassis

**Note:** The Storage Hangers are used to conveniently hang Workcentre-related accessories, such as the Push-Stick (not included), Protractor Gauge (not included), Rip Fence (not included) and more.

### Module levelling screw installation

- With the Clamping Table Module (26) on a secure, flat surface, install the Module Levelling Bobbin Screws (27), Module Levelling Screws (25) and the Module Rollers, as depicted in Fig. E

### Installing and removing modules

**Module installation:**

**WARNING:** Do not place fingers and/or body parts between the module and the Workcentre chassis.

**WARNING:** Some modules are heavy, especially with power tools installed. ALWAYS grip modules with both hands, ensure secure footing, stand upright, and avoid awkward movements when removing and fitting modules

- Slide the Module Rollers (22) into the Module Mounting Tracks (21) and carefully lower the module into place, see Fig. F
- Toggle both Module Locks (20) into the locked position, Fig. G

**Note:** Ensure the Module Levelling Bobbin Screws (27), are correctly located in the bobbin locators. The bobbin levelling screws need to be adjusted to remove play between the module and the workcentre chassis.

#### Module removal:

- Toggle the Module Locks (20) into the 'unlocked' position, Fig. G. Lift the module from the chassis using the Finger Holes (23), and slide the Module Rollers (22) from the Module Mounting Tracks (21), see Fig. F

**Note:** Modules can be placed upright by angling them to around 120°. This position can be used, when adjustments on the underside of modules are necessary, eg adjustments to the fitted power tools, there is no need to remove the module.

#### Levelling table modules

- Level the module by adjusting the Module Levelling Bobbin Screws (27), and Module Levelling Screws (25) in the order depicted in Fig. H
- Check the module is level against the surrounding chassis using a straight edge, as depicted in diagram Fig. I. If the module is still uneven, repeat the above process

#### Electrical connections

**Note:** The Workcentre features a mains isolator switch with Trailing Socket (18), to allow easy connectivity to power tools. This Socket may need to be removed to allow connection of some modules without a mains connector.

- Connect the Workcentre to the mains via the Mains Plug (19)
- Use the Trailing Plug to connect power tools to the power supply.

1. Power tools must be connected to the Workcentre switchbox
2. If necessary, suitable extension cords may be used to extend the Workcentre's own power cable

**WARNING:** Use only extension cords that are in good condition, with a sufficient cross section to carry the current the power tool will draw. Undersized extensions will cause in-line voltage to drop, resulting in power loss, overheating and burning out of the power tool motor.

#### Dust extraction

**WARNING:** ALWAYS use a suitable vacuum cleaner or workshop dust extraction system if dust containing harmful substances is produced, e.g. when working with certain types of wood, painted or varnished workpieces, workpieces with surface coatings etc. ALWAYS dispose of harmful dust according to laws and regulations.

**Note:** Most accessories used with the Triton Workcentre system are designed to be connected to a workshop dust extraction system or a vacuum cleaner. This is the preferred and most effective method of dust extraction.

## Operation

#### Workcentre switchbox operation

- The Workcentre ON/OFF Switch (10) is located at the front, behind the 'Knee-Off' Stop Button (11), see Fig. J
- Lift the 'Knee-Off' Stop Button to reveal the ON/OFF Switch, Ensure the switch is in the '0' position
- Plug the Mains Plug (19) into a mains socket, to provide power to the Workcentre Power Socket

#### Switching on and off

- With the Workcentre connected, switch on the mains power supply
- Plug in the desired power tool to the Power tool Connection Socket (18)
- Switch on and provide power to Workcentre-associated tools by lifting the 'Knee-Off' Stop Button (11) and pressing the ON/OFF Switch (10) into the 'I' position
- Switch off the power tool by pressing the ON/OFF Switch into the '0' position. This can also be achieved by pressing down the 'Knee-Off' Stop Button

**Note:** If the power supply is interrupted during use, the machine will not restart. The ON/OFF Switch will need to be activated again to resume operation.

#### User position and feed direction

- The main user position is defined by the location of the 'Knee-Off' Stop Button (11)
- ALWAYS remain in close proximity to the switch to instantly switch the machine off in the event of an emergency

- Feed your workpieces from this position, in the direction indicated by the arrows on the table surface of the individual module

#### Using the clamping holes

- The clamping table module features a series of 20mm diameter holes for the use of clamping devices, and bench dogs

#### Using the table extensions (Available as accessories)

- The outfeed and side support bars can be adjusted to provide sturdy support to larger workpieces. Adjustability can be performed by loosening the Outfeed Support Knobs (15), and/or the Side Support Knobs (4) and extending the corresponding support bar to the size of the workpiece

## Accessories

- A full range of Workcentre accessories and compatible Triton power tools, including Circular Saws and Precision Plunge Routers, is available from your Triton stockist. Spares can be obtained from [toolsparsonline.com](http://toolsparsonline.com)

## Maintenance

**WARNING:** ALWAYS disconnect the Workcentre from the power supply, before cleaning, changing accessories, making adjustments or carrying out maintenance.

**WARNING:** ALWAYS wear protective equipment including eye protection and suitable, cut-proof gloves when cleaning or carrying out maintenance.

#### 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, as well as cords of the power tools installed in this Workcentre

#### Cleaning

- 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 PTFE spray at regular intervals, especially after heavy use or cleaning

**WARNING:** DO NOT lubricate with oil or silicone-based maintenance sprays. Lubricant residue will combine with wood and dust leading to dirt build-up interfering with moving parts and mechanisms. ONLY dry lubricate, using PTFE spray.

#### 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

## Troubleshooting For Clamping Table

Problem	Possible cause	Solution
Table module is not level	Levelling screws are not correctly adjusted	Using a spirit level, adjust the Module Levelling Screws (25) till the surface module is flat
	Rough surface	Ensure the Workcentre is situated on a secure flat surface. Relocate the table if the ground is found to be rough
	Legs not correctly seated	Follow instructions provided under 'Basic set-up', and ensure the legs are correctly seated and locked into place
'Play' between table module and chassis	Module levelling bobbins, not correctly adjusted	Adjust Module Levelling Bobbin Screw (27) to remove 'play' in Workcentre module

## 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-authorised 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

Distributed in Australia by White International.

PO Box 304 Milperra LPO, NSW Australia, 2214

Ph: 1800 251 338

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: TWX7 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





