


 **Operating and  
Safety Instruction**

 **Instrucciones De Funcionamiento  
Y Seguridad**

 **Bedienings- en veiligheids-  
voorschriften**

 **Istruzioni Per L'uso E La  
Sicurezza**

 **Instructions D'utilisation &  
Consignes De Sécurité**

 **Instrucciones De Funcionamiento  
Y Seguridad**



Thank you for purchasing this Triton tool. These instructions contain information necessary for safe and effective operation of this product.

This product has a number of unique features. Even if you are familiar with this Workcentre, please read this manual to make sure you get the full benefit of its unique design.

Keep this manual close to hand and ensure all users of this tool have read and fully understood the instructions.

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## SPECIFICATIONS

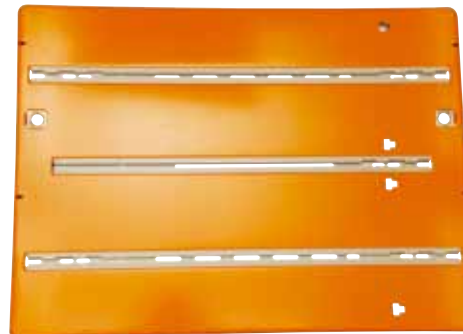
<b>Part no:</b>	WCA201
<b>Suits:</b>	Most circular saws (185mm - 235mm)
<b>Cuts:</b>	Rip, mitre, 45° bevel rip, crosscut, bevel crosscut, compound mitre
<b>Rip capacity:</b>	0 - 620mm
<b>Crosscut capacity:</b>	Up to 500mm wide
<b>Standing size:</b>	900mm x 600mm x 1300mm approx
<b>Folded size:</b>	350mm x 440mm x 1000mm approx
<b>Standard features:</b>	3 sided protractor (adjusts 45° to 0° to 45°), rip fence with 45° bevel face, folding legs, switchbox with safety shut-off, blade guard with dust port and kick-back protection, quick-release saw clamps, saw side guard, crosscut fence, guided push stick & side pressure finger kit
<b>Optional Accessory Range:</b>	sliding extension table, router table, jigsaw kit, biscuit joiner, finger jointer, planer attachment kit, dust collection, bevel ripping guide, height winder, retractable wheels

### Protect your hearing

Always use proper hearing protection when tool noise exceeds 85dB.

## PARTS LIST

A. Table (1)



B. Front end panel (1)



C. Rear end panel (1)



F. Base channels (2)



E. Bearing channels (2)



I. Rip fence (1)



H. Crosscut fence (1)



L. Slide chassis (1)



J. Overhead guard & guard support (1)



M. Guided push-stick & side pressure finger kit

G. Protractor (1)



K. Side guard (2)



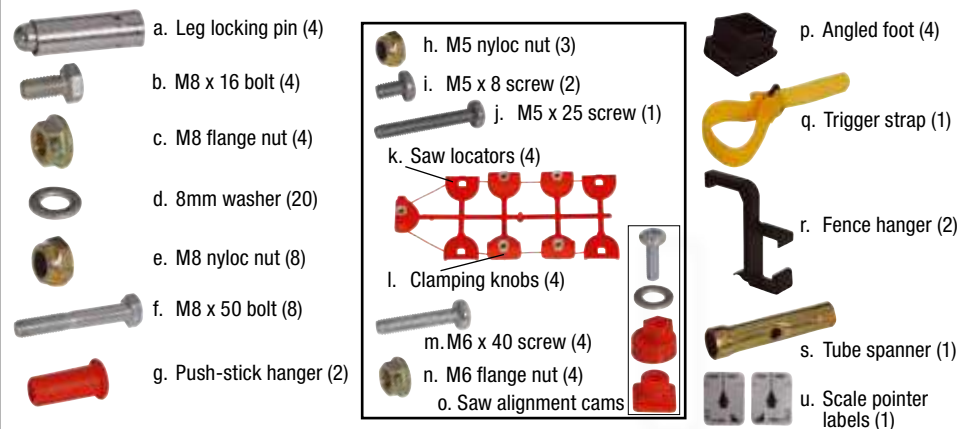
N. Rip fence bevel guides (2)



D. Legs (4)



## MAIN FASTENER BAG



## GENERAL SAFETY INSTRUCTIONS

**WARNING.** Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

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

### 1. Work area safety

- Keep work area clean and well lit. Cluttered and dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

### 2. Electrical safety

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

### 3. Personal safety

- Stay alert, watch what you are doing and use common sense when operating a power tool.

Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.

- Use safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- Avoid accidental starting. Ensure the switch is in the off position before plugging in. Carrying power tools with your finger on the switch or plugging in 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 these devices can reduce dust related hazards.

### 4. Power tool use and care

- Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- Disconnect the plug from the power source 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.


- Always unplug your power tool when leaving unattended. Such preventative safety measures reduce the risk of starting the power tool accidentally by untrained users.
- Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.


### 5. Service


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

## SYMBOLS

### 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.

 Always wear ear, eye and respiratory protection.

 Double insulated for additional protection.



Instruction warning.



Do not use before viewing and understanding the full operating instructions



Refer to DVD for full instructions

## FITTING THE TRITON 235MM POWER SAW

### Fitting the slide chassis

Place the Slide Chassis (L) in the bearing channels with the red plastic catch and red bearing spacers closest to the front panel (the switch box end) and the flanges upwards. Enter two bearings in the channel cutouts. Slide the chassis towards the rear panel and the other bearings will drop in.



Spray the channels with lubricating oil for a smooth slide.

### Fitting the triton saw

Unplug your saw. Check that the blade is set at 0° and at full depth of cut.

Fit the Saw Alignment Cams (o) from below, holding the bases in the rectangular slots while you screw into them. (They cut their own thread.) Make sure the lines moulded on top of the cams are both pointing towards the rear panel. Tighten the screws until nipped gently.



### Fitting the saw locators and knobs

Fit the saw into the chassis with the alignment cams locating in the holes in the saw baseplate.

Break or cut the Saw Locators (k) and Clamping Knobs (l) from their moulding "tree" and carefully trim off any remnants with a sharp knife. Fit the saw locators in the slots shown using 4 M6 x 40 screws (m) and M6



Flange nuts (n). The straight edges should be against the baseplate, but spaced away from it slightly to allow for final saw adjustment.

(Use a spatula blade or a piece of cardboard or metal about 1mm thick as a spacer.) Firmly tighten the screws.



Screw the knobs on (they cut their own thread) until they just scrape against the top edge of the saw baseplate. This tension is sufficient to hold the saw upside-down for final adjustment, and still allow the saw to be shifted sideways slightly using the alignment cams.



Check that the saw is securely mounted. Turn the slide chassis over, re-engaging the bearings in the channels.



### Aligning the saw

Position the chassis halfway between the end panels. Adjust the fence in close to the blade and lock it. Make sure the blade is vertical by comparing it to the face of the fence. If necessary, loosen the nut holding the Blade Angle Trimmer, and adjust the blade angle. Re-tighten the nut.



Use the saw's spanner or the Tube Spanner (s) to rotate the cams until the front and rear of the



blade are just touching the fence, when it is at 0mm. When satisfied with the position tighten the alignment cam screws.



Unscrew the front handle of the saw for better access to the front cam. Lower the blade for access to the rear one.



### Final clamping of saw

Double-check the saw position by now locking the fence at 0mm, and trying to turn the blade backwards by hand. The teeth should lightly scrape against the face of the fence. If not, repeat the above alignment.



This is a very important step, because it will ensure that your saw cuts are true, and that your fence scales are accurate, so take your time.

When satisfied with the position of the saw, reposition the saw locators hard up against the edge of the baseplate, as follows. Hold each knob against turning and loosen the screw about half to one turn. Push the saw locator into position, and firmly tighten the screw.



Turn the saw right-way up again and loosen the four knobs a couple of turns. Check that the saw cannot move sideways at all, and that all screws are fully tightened. Do up the knobs again, perhaps

one turn beyond when they first scrape on the baseplate.

The saw is now set up, and is available at any time for hand-held use by simply loosening each knob half a turn and lifting the saw straight up. If the locators are correctly fitted, the saw will go back into exactly the right spot each time.



### Fitting the side guard

Slide the two sections of the Side Guard (K) together until they fit between the pivot brackets on the slide chassis. Loosely fit the short M5 x 8 screw (i) and a M5 Nyloc nut (h) to hold them together.

Fit the two longer M5 x 25 screws (j) and M5 Nyloc nuts through the pivot brackets and into the guard flanges. Tighten until the guard is firm, but still free to pivot. Finally, tighten the screw holding the two halves together.



### Fitting the trigger strap

**!** Before fitting the Trigger Strap (q) always ensure that the saw is disconnected from the power and that the switch on the Workcentre front panel is in the "OFF" position.

Wrap the Trigger Strap (q) around the handgrip with the furry side facing outwards. Pass the strap through the buckle, until the security loop has passed through. If your saw has a safety lock-out button press it and then tighten the strap until the trigger clicks "ON".



Wrap the free end of the strap around the handgrip.

With most saws, the strap can be slid on and off the saw trigger, without undoing it each time.

Do not leave the trigger strap permanently locked on. When you have finished work for the day, release the strap and allow the spring in the trigger to relax.



### Fitting the table

Turn the slide chassis upside down. Position it roughly half-way between the end panels. The front of the saw must be facing the front panel (switchbox end).

Lower the Table (A) over the blade, with the four T-slots closest to the rear panel. Line up the arrows on the edges of the table with the scale pointers on top of the end panels. Push the table latches to the "LOCK" position. The red indicators disappear from view when the latches fully locate.



UNLOCKED



LOCKED

Reach underneath and push the slide chassis towards the rear panel until the red catch "clicks" home and locks the chassis underneath the table.



### Fitting the overhead guard & support

Loosen the knob on the Overhead Guard (J) to remove the Guard Support from its shipping position. Fit the support to the centre table slot, using the cut-outs at the end. Ensure the saw blade is adjusted to its maximum depth, then position the support about 12mm behind the blade and lock it in by pressing the locking lever down.



Lubricate the entry if it's a tight fit. Check the guard support is reasonably square to the table, and adjust it if necessary by pushing evenly with your hand or a block of wood.



Hold 2 straight pieces of wood lightly against the blade. The overhead guard support should fit between the pieces.



If not, you may have to adjust the saw position slightly. This is only likely if you have a very thin kerf blade (2.0 - 2.2mm cut width)

Fit and lower the guard. Spin the blade by hand before connecting the power to ensure it is not touching anything.



**!** Always make sure the blade is at full height, the guard is fitted, and the table is locked to the end panels before switching on the power. Check that the teeth on your blade are pointing in the same direction as the etched symbols on the guard. If not, you have incorrectly fitted the blade to your saw.

### Connecting the power

Make sure the switch is "OFF", plug the saw into the switch box, and bring power to the switch box via a suitably rated extension cord.

Press the white switch with your finger to switch the power "ON". Tap the stop plate with your hand or knee to switch "OFF"



Switch the power on and off and watch the blade. If it quivers sideways on start-up it's a sign of a worn arbor in your saw, or excessive slack in the mountings between the motor and baseplate.

If the blade vibrates significantly at full speed or on slow-down, it's either buckled or not seated properly on the arbor. Check the flatness of the blade with a straight edge, check the fit of any arbor-reducing washers, and check for resin/sawdust build-up on the arbor or flange washers.

A slight quiver is generally noticeable on slow-down in most blades, and shouldn't affect your cuts.

### WARRANTY

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: WCA201

Serial Number: \_\_\_\_\_

(Located on motor label)

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 12 MONTHS 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