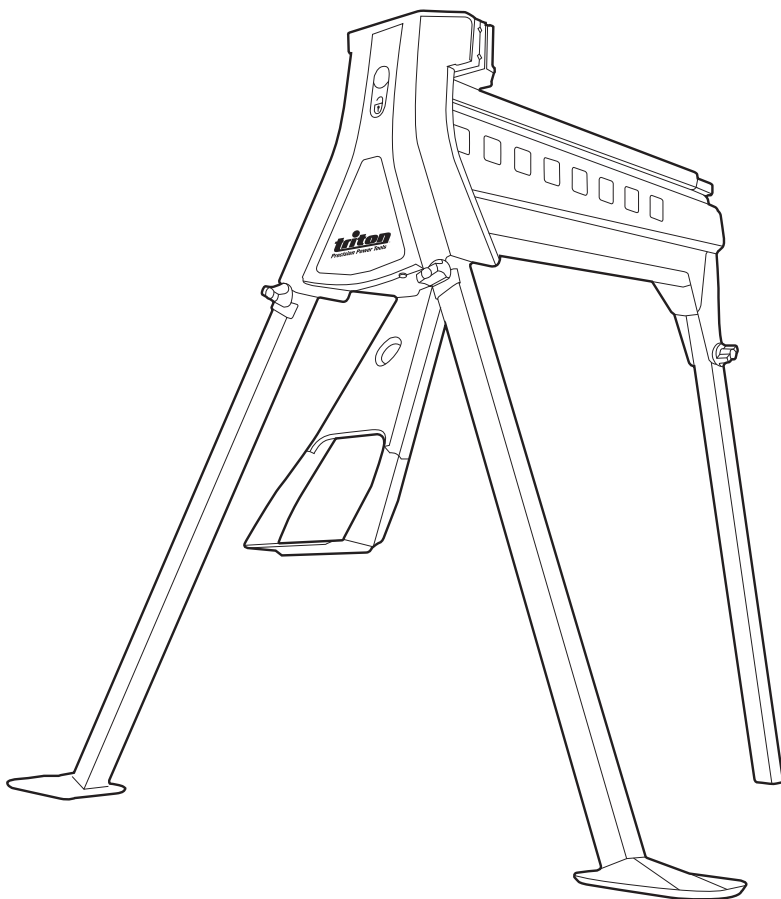




# ***SuperJaws Portable Clamping System***

**SJA** 200

## **Operating and Safety Instructions**



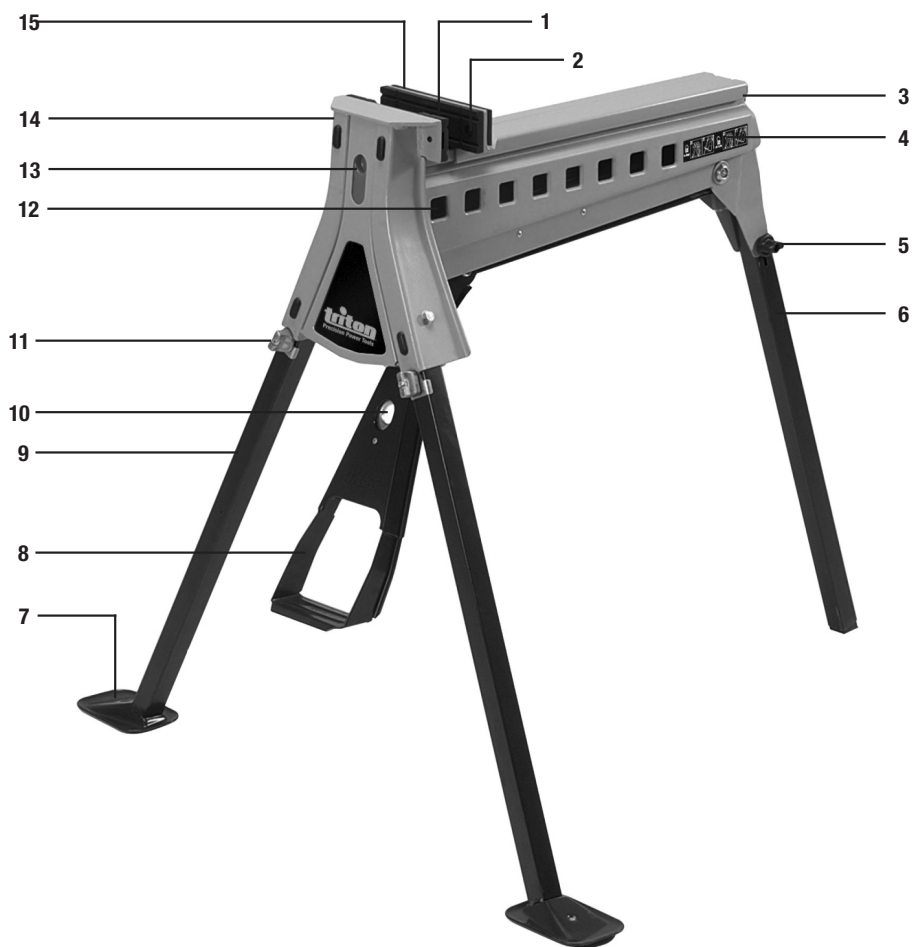
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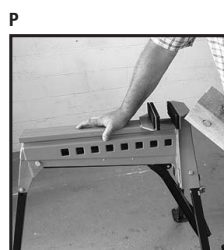
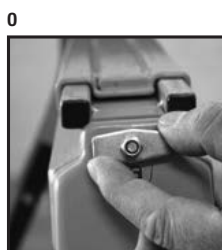
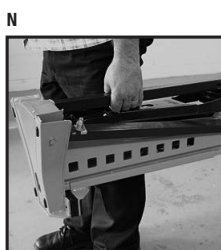
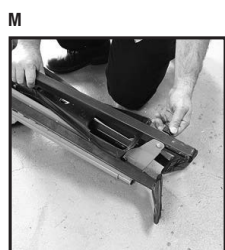
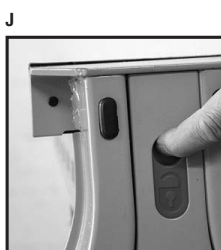
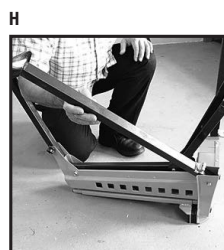
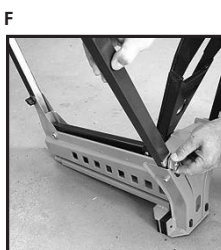
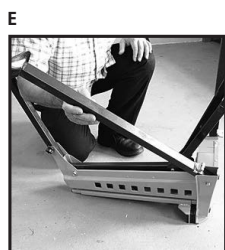
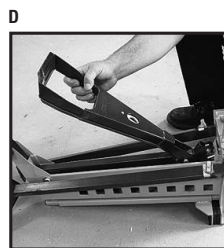
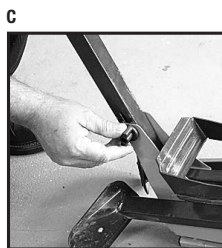
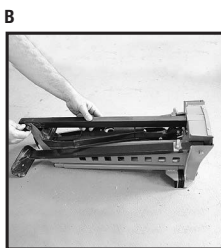
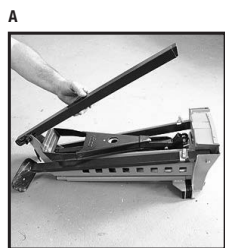
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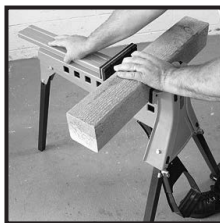
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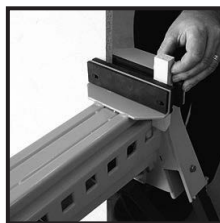
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AA



AB



AC



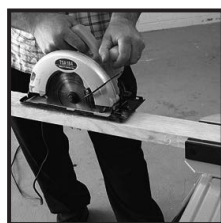
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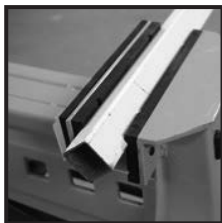
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AI



AJ



AK



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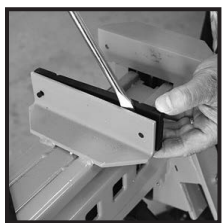
AM



AN



A0



AP



# Original Instructions

## Introduction

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

The rating plate on your tool may show symbols. These represent important information about the product or instructions on its use.



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



Caution!



Read instruction manual



DO NOT use as a step or platform!

## Specification

Model no:	SJA200
Clamping range:	0-956mm
Clamp travel per stroke:	24mm
Clamping force:	Up to 1,000kg
Maximum load:	100kg
Folded dimensions:	755 x 300 x 280mm
Standing dimensions:	865 x 980 x 970mm
Weight:	15,6kg

**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.

### 1) Work area safety

a) **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.

b) **Do not operate tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.**

c) **Keep children and bystanders away while operating a powered tool.** Distractions can cause you to lose control.

### 2) Personal safety

a) **Stay alert, watch what you are doing and use common sense when operating a powered tool. Do not use a powered tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating a powered tool 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 when not operating the tool and make use of other safety features which prevent unintentional starting

d) **Remove any adjusting key or wrench before turning the powered tool on.** A wrench or a key left attached to a rotating part of the tool may result in personal injury.

e) **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the tool in unexpected situations.

f) **Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewelry 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.

**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. Use the figures provided in the specification relating to vibration if provided to calculate the duration and frequency of operating the tool. The 2002/44/EC directive relating to vibration in the workplace may provide useful information even for domestic use of tools. In the first instance of feeling uncomfortable due to vibration STOP using the tool immediately.

**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 right level of sound attenuation for the level of sound produced by your tool.

### 3) Tool use and care

a) **Maintain tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the tool's operation. If damaged, have the tool repaired before use.** Many accidents are caused by poorly maintained tools.

b) **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

c) **Use the tool's 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 tool for operations different from those intended could result in a hazardous situation.

### 4) Service

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

# Product Familiarisation

1. Fixed Jaw Urethane Face
2. Moving Jaw Urethane Faces (2pce)
3. Moving Jaw Locking Tab
4. Body
5. Rear Leg Locking Knob
6. Rear Leg
7. Foot Plates
8. Foot Pedal
9. Front Legs
10. Foot Pedal Locking Latch
11. Front Leg Locking Knobs
12. Extension Tray Mounting Holes
13. Lock / Release Switch
14. Fixed Jaw
15. Moving Jaw

## Intended Use

The SuperJaws Portable Clamping System is a portable work holder which clamps a variety of workpieces for a multitude of different applications.

- 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

## 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

### Setting up

1. With SuperJaws placed upside down on the ground, loosen the Rear Leg Locking Knob (5) and slide the Rear Leg (6) from its storage position (Image B)
- Pivot the Rear Leg just clear of the front face (Image A)
- Slide it all the way forward then lift and slide it fully into its housing at the rear, then tighten the knob (Image C)
- DO NOT** extend the rear leg beyond the marked line (Fig. I)
2. Raise the Foot Pedal (8) until it 'clicks' into position (Image D)
3. Pivot the Front Legs (9) out as far as they will go (Image E), then turn the Front Leg Locking Knobs (11) clockwise; until the rounded section of the knob tightens onto the leg housing, as shown (Image F & G)
- Several turns may be necessary on initial set-up, until the clamps tighten into place. A half turn is all that is required to release the legs when folding
4. Turn SuperJaws upright and recheck all legs are locked firmly in position (Image H)
5. Rotate the Moving Jaw Locking Tab (3) to the horizontal position (Image I). SuperJaws is now ready for use

### Folding

Folding is the reverse procedure of the steps described above. Ensure that:

- The Lock / Release Switch (13) is in the 'unlock' position (Image J)
- The Foot Pedal Locking Latch (10) is used to release and fold the Foot Pedal (8) (Image K)
- The Moving Jaw Locking Tab (3) is in the 'vertical' position to prevent the jaw from sliding out (Image L)
- The Rear Leg (6) is engaged fully into its housing, and the Rear Leg Locking Knob (5) is tightened firmly (Image M)
- When in its folded position, the Rear Leg becomes a carrying handle, for easy transportation (Image N)

## Operation

### Clamping

1. Check that the Moving Jaw Locking Tab (3) is set to the 'horizontal' position (Image O), and push the Moving Jaw (15) back until your workpiece fits between the jaws (Image P)
2. Place the workpiece against the Fixed Jaw (14) and slide the moving jaw forward until it touches the workpiece (Image Q)

**Note:** The jaw can also be advanced forward by pressing the Foot Pedal (8) repeatedly.

3. Slide the Lock / Release Switch (13) down to the 'lock' position (Image R)

**Note:** If preferred the switch can be locked after the work is clamped.

4. Apply downward pressure on the Foot Pedal (8) until sufficient clamping force has been applied (Image S)

**Note:** For extra force you may stand on the Foot Pedal (maximum 100kg), but do not jump on it, as you could damage the unit.

### Releasing

1. Slide the Lock / Release Switch (13) up to the 'release' position (Image T)
2. Push on the Foot Pedal (8) then allow it to return up and release the workpiece (Image U)

**Note:** Ensure you are supporting the workpiece to prevent it from falling once the jaw is released.

**Note:** If you have clamped the object very tightly, you may need to exert more pressure on the Foot Pedal before it will release.

3. Slide the Moving Jaw (15) back, and remove your workpiece (Image V)

### Clamping on one side of the jaw

- Some large or awkward workpieces can only be clamped on one side of the jaws (Image W)

**Note:** Always fit a spacer (the same thickness as your workpiece) to the other side of the jaws, to prevent the Moving Jaw (15) from skewing.

### Clamping large objects (460mm to 956mm)

- The Moving Jaw (15) can be reversed to accommodate workpieces measuring between 460mm and 956mm:
1. Set the Lock / Release Switch (13) to the 'release' position, and ensure that the Foot Pedal (8) is released (Image X)
  2. Check the Moving Jaw Locking Tab (3) is in the horizontal position (Image Y)
  3. Slide the Moving Jaw fully from its tracks (Image Z)
  4. Rotate the Moving Jaw by 180°, and re-insert it into the tracks (Images AA & AB)

**Notes:**

- When clamping objects with the Moving Jaw (15) reversed, ensure the workpiece sits down onto, and is parallel to, the sliding jaw. Avoid clamping workpieces at the top of the jaws (with a gap between the workpiece and the base of the Moving Jaw) as excessive pedal pressure could damage the unit
- When clamping large or heavy materials, provide outboard support (such as a MSA200 Triton Multi-Stand 330090) to prevent SuperJaws from tipping over

### Using as an anvil

- The fixed jaw is sufficiently robust to be used as an anvil for strip metal work (Images AC & AD)
- Do not use the Moving Jaw as an anvil, as this could cause damage
- For thicker materials we recommend the use of the optional SJA470 Engineers' Jaws (product code 330120)

### Using as a press

- When the Lock / Release Switch (13) is in the 'release' position (Image X), SuperJaws can be used as a press (Image AE)
- With each full stroke of the Foot Pedal (8), the Moving Jaw (15) will advance approximately 25mm (1")

### Ripping a plank

1. When ripping a plank, stop cutting before reaching the jaws (Image AF)
2. Remove the workpiece and re-clamp with sufficient amount of the cut beyond the jaws, so that you can drop in your saw to recommence your cut
3. Before clamping, insert a spacer slightly thicker than your saw cut, at the jaw area, to keep the cut open (Image AG)

### Clamping square tubing

- Square tubing or similar can be clamped diagonally into the jaws using the V-grooves for easier, more precise sawing (Image AH)

**Note:** Use the V-grooves in the urethane jaws to securely hold your material.

### Sharpening chainsaws

- SuperJaws is ideal for clamping a chainsaw or chain blade while sharpening the teeth (Image AJ)

**Note:** If sharpening a chainsaw, use two wooden blocks, either side of the bar, to ensure the clamping jaws are clear of the chain, which can then be rotated as each tooth is filed.

### Outdoor use

- SuperJaws is ideal for outdoor use. However, if SuperJaws gets wet, it is important to dry the tool to prevent corrosion. Also re-apply any oil or grease that may have been affected by rain

## Bicycles

- SuperJaws is ideal for clamping bicycles during repair and maintenance, and will hold the bicycle securely at the required height. However, modern bicycle frames need careful consideration before clamping. Carbon fibre frames are very easy to damage and should not be clamped. Steel bicycle frames are possible to clamp, so long as the clamping is applied carefully and slowly. Ideally, for any frame, the best solution is to fit an old seat post to the frame and clamp the seat post instead, to prevent the frame being damaged

**Note:** Clamp so the weight of the bicycle is dispersed evenly across SuperJaws. Bicycles are considerably heavier at the back than at the front.

## Additional Uses

There are many additional uses for SuperJaws which are not featured in this manual. Whatever the use, it is important to heed the following:

- Always check SuperJaws is correctly assembled before use
- Do not overload SuperJaws beyond its load capacity (see 'Specification')
- Make sure the workpiece is correctly balanced
- Do not exert too much force on the workpiece while clamping
- Do not use clamping force beyond 1,000kg; only clamp to the required force
- Do not use this product as a step or for building work platforms for people

## Accessories

### Engineers Jaws SJA470 (product code 330120)

- The bolt-on jaws are manufactured from extremely strong ductile cast iron, and are specially shaped to increase grip when clamping pipe or round sections up to 50mm in diameter. They also have an integral anvil for hammering or bending of heavy metal sections (Image AJ)

### Log Jaws SJA460 (product code 330115)

- Suitable for gripping logs or poles, these jaws also bolt onto the standard steel jaws and are formed from steel plate, and zinc-plated for corrosion resistance (Image AK)

**Note:** Logs or poles up to 175mm in diameter are gripped firmly for chain sawing, drilling, rebating etc.

### Extension Tray SJA420 (product code 330110)

- The Extension Tray fits through the Extension Tray Mounting Holes (12) in either side of the main Body (4). It provides outboard support for the workpiece, keeping it level while clamping into position. A tough, high density polyethylene jaw locates onto the support tubes as a convenient place to hold tools, parts and other accessories (Image AL)

**Note:** For additional support and capacity a second extension tray can be fitted onto the opposite side of SuperJaws

**Note:** Check with your Triton stockist for additional accessories for your SuperJaws. Spare parts for your SuperJaws can be obtained from [toolsparesonline.com](http://toolsparesonline.com).

## Maintenance

- Basic maintenance of this product should ensure a long working life
- Any damage to SuperJaws should be repaired and carefully inspected before use by qualified repair personnel
- Servicing should be carried out using only original Triton replacement parts
- Triton Tools will not be responsible for any damage or injury caused by unauthorised repair or mishandling of the machine

**Please note:**

- Depending on the type of use, it is quite likely this product will receive scratches and marks that will remove paint and result in corrosion over time. Check for corrosion and treat if necessary. Some disassembly may be required to check thoroughly, such as the underside of the moving jaw. Always dry SuperJaws if it gets wet, particularly on any exposed metal surfaces
- Lubricant or grease may be required from time to time, but always apply it in moderation and never apply lubricant if it will affect the way the product operates. Any mechanism should only be lubricated with a light spray lubricant which cannot affect the way it operates
- If SuperJaws becomes damaged or corroded, and requires major repair, such as welding, you can no longer rely on the given figures for clamping force or load capacity. Under these circumstances, SuperJaws should be replaced immediately, as this level of repair will void the guarantee

## Removing the urethane jaw faces

- The jaw facings can be removed to achieve a greater clamping range, or for replacement if worn or damaged, or when fitting the optional jaws

**Note:** Replacement urethane jaw pads are available from your Triton stockist or from [www.toolsparesonline.com](http://www.toolsparesonline.com).

1. The Fixed Jaw Urethane Face (1) is removed by carefully prying it off the Fixed Jaw (14) using a broad screwdriver or similar (Image AM)
  2. To remove the Moving Jaw Urethane Faces (2), push the backing face to the right (when viewed from the front of SuperJaws), in order to disengage the connection pins. The backing face can then be removed, allowing the front to be pulled off the Moving Jaw (15) (Image AN)
- The pawl carrier pivot pin may occasionally require a small amount of spray lubricant, as shown, if it doesn't pivot smoothly (Image AP)

## 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 with household waste
- Contact your local waste disposal authority for information on the correct way to dispose of 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-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

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# 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:   SJA200   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





