

# **triton**® **Planer Attachment Kit** EPA001

 **Operating and  
Safety Instructions**

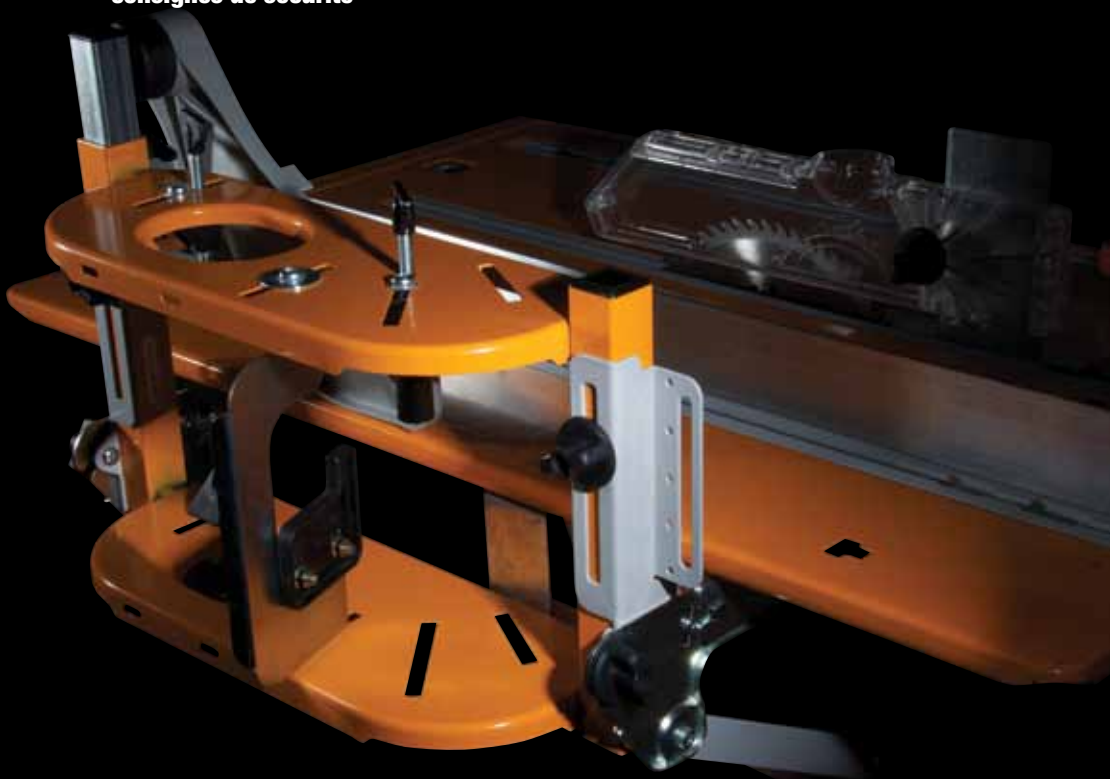
 **Gebrauchs- und  
Sicherheitsanweisung**

 **Bedienings- en  
veiligheidsvoorschriften**

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

 **Instructions d'utilisation et  
consignes de sécurité**

 **Instrucciones de uso y  
de seguridad**



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

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 product have read and fully understand the instructions.

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## SYMBOLS



Always wear ear, eye and respiratory protection.



Conforms to relevant legislation and safety standards.



Instruction warning.



Do not use before viewing and understanding the full operating instructions

## 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.

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

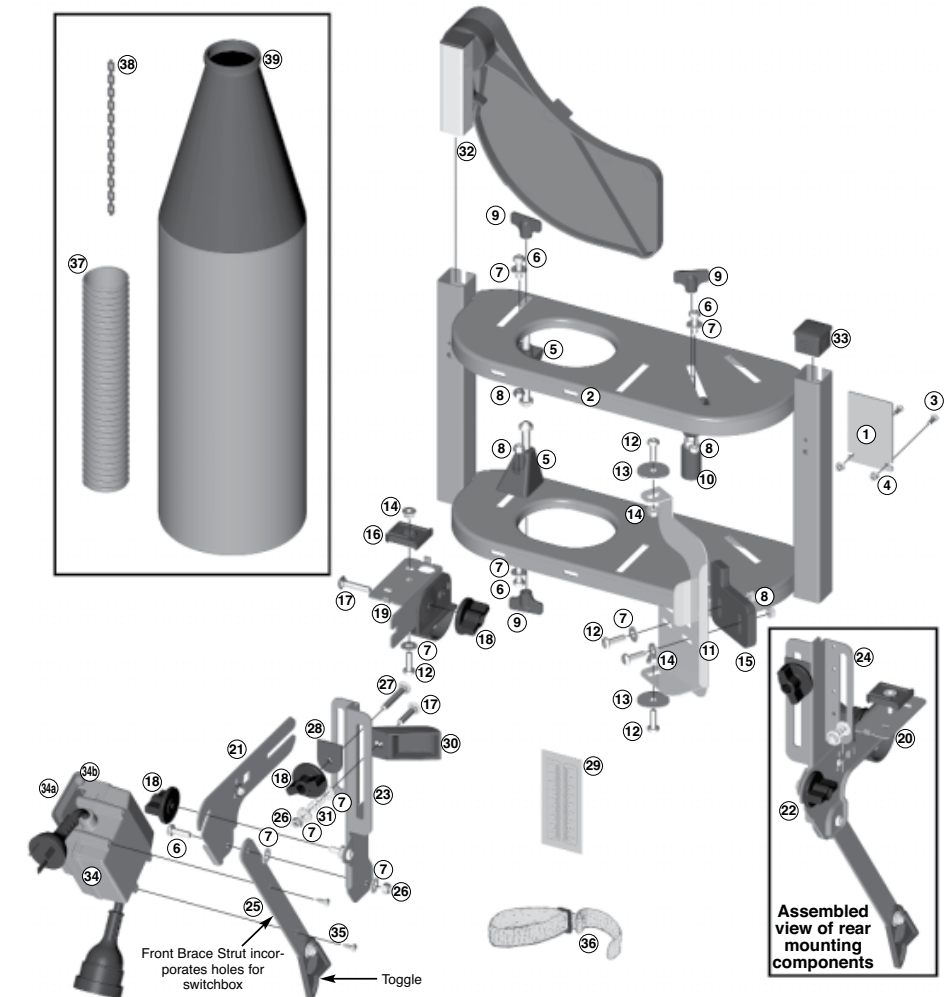
## PURCHASE RECORD

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

Model: EPA001

Retain your receipt as proof of purchase

## PARTS LIST



- |                           |                              |                             |
|---------------------------|------------------------------|-----------------------------|
| 1. Alignment Plate (1)    | 14. M6 Flange Nuts (6)       | 27. Coach Bolts - long (2)  |
| 2. Planer Chassis (1)     | 15. Handle Clamp (1)         | 28. Height Indicators (2)   |
| 3. M4 Screws (2)          | 16. Nut Carriers (2)         | 29. Scale Labels (1 pair)   |
| 4. M4 Flange Nuts (2)     | 17. Coach Bolts - short (4)  | 30. Pressure Fingers (2)    |
| 5. Front Clamps (2)       | 18. Round Knobs (6)          | 31. Springs (2)             |
| 6. M6 Screws - long (3)   | 19. Front Table Bracket (1)  | 32. Planer Guard Ass'y (1)  |
| 7. Washers (15)           | 20. Rear Table Bracket (1)   | 33. Tube Closer (1)         |
| 8. Hex Nuts (3)           | 21. Front Pivot Bracket (1)  | 34. Switch-Box (1)          |
| 9. Wing Knobs (3)         | 22. Rear Pivot Bracket (1)   | 35. Self-Tapping Screws (2) |
| 10. Rear Clamp (1)        | 23. Front Height Bracket (1) | 36. Trigger Strap (1)       |
| 11. Handle Bracket (1)    | 24. Rear Height Bracket (1)  | 37. Dust Hose (1)           |
| 12. M6 Screws - short (8) | 25. Brace Struts (2)         | 38. Plastic Chain (1)       |
| 13. Large Washers (2)     | 26. Nyloc Nuts (4)           | 39. Dust Bag (1)            |

## SAFETY INSTRUCTIONS



**WARNING.** Read all instructions. 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 these instructions

### 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 loss of control.

### 2. 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 the 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, this will reduce the risk of electric shock.
- If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply, which will reduce the risk of electric shock.

### 3. PERSONAL SAFETY

- Do not use power tools 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.
- Always use safety equipment: wearing eye

protection, dust mask, non-slip safety shoes, hard hat and hearing protection used in 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 connecting to power with the switch on the 'On' position 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 over-reach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Wear suitable clothing and footwear. Do not wear loose clothing, neckties, jewellery, or other items which may become caught. Wear non-slip footwear or where appropriate, footwear with protective toe caps. Long hair should be covered or tied back.
- If devices are provided for the collection of dust particles, 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. Using the correct power tool for your application will be safer and produce better results at the rate for which it was designed.
- Do not use the power tool if the 'On/Off' switch is not working correctly. Power tools that cannot be controlled by the switch are dangerous and must be repaired prior to use.
- 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.
- Power tools are dangerous in the hands of untrained users. Store power tools out of reach of children, and do not allow persons who are unfamiliar with the product or these instructions to operate the power tool.
- Maintain power tools. Check for misalignment, binding or breakage of moving parts, and any other condition that may affect the operation of the power tool. If damaged, have the power tool repaired before use. 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 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. Failure to use the tool for its intended purposes could result in a hazardous situation and may invalidate the warranty.

### 5. SERVICE

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

## ASSEMBLY

### FITTING THE PLANER TO THE CHASSIS

Fit the Alignment Plate (1) to the lower side of the Planer Chassis (2) (flange outward) using the M4 Screws (3) and Flange Nuts (4). Tighten firmly with a Phillips screwdriver (Fig. 1).



Fit the Front Clamps (5) to the chassis, using the long M6 Screws (6), Washers (7) and Hex Nuts (8) (the nuts locate inside the clamp bases) (Fig.2). Do not tighten yet. Most planers mount using the planers fence holes - an exception is shown in (Fig.4).



Leave the clamps free to slide in their slots to match the height of the planers fence hole.



Remove the 4 perforated cardboard packers from the carton flaps. Sit the chassis on top of the packers, as shown, and allow the heads of the alignment plate screws to overhang the edge of your worktable (Fig 5.).



Adjust your planer to '0' (front and rear shoes in line) and sit it flat on your assembly table with the rear shoe touching the edge of the alignment plate. Relocate the alignment plate to suit your planer if required.

Push and tap the plastic Wing Knobs (9) onto the hexagonal ends of the clamp bolt. Extend the clamps, by tightening the wing knobs until the conical ends locate into the planer fence holes (Fig. 5) Ensure the cones locate exactly central within the fence holes, otherwise they will alter the planer alignment when fully tightened.

If everything appears correctly lined up, tighten the Phillips screws holding the front clamp bases. Then tighten the cones into the fence holes ensuring the rear planer shoe remains in full contact with the edge of the plate. **DO NOT OVERTIGHTEN.**

Fit the Rear Clamp (10) to the chassis using a long M6 screw, (6) washer and hex nut. Fit the wing knob and tighten the clamp into a location which allows the clamp to align with the planer handle (Fig. 6). Flip the orientation of the clamp if necessary. If a suitable location cannot be found, relocate the clamp into the lower slot and position it further down the handle.



Tension the clamp until it just touches the planer (Fig.6). Do not overtighten as this will skew the planer alignment.

Fit the Handle Bracket (11) over the planer handle and fasten it to the chassis using the short M6 Screws (12), Large Washers (13), and M6 Flange Nuts (14). Ensure the planer is flat on your work table, then hold the bracket against the planer handle and tighten into position with a Phillips screwdriver (Fig 7).



Fit the Handle Clamp (15) to the handle bracket using the short M6 Screws (12), Washers (7), and M6 Flange Nuts (14). Pull the handle clamp up and across until it firmly surrounds the planer handle, then tighten into position (Fig. 8).



Tighten the rear clamp half to one turn to push the planer handle snugly into the clamp assembly. Check that there is no free movement of the handle, and repeat the above steps if necessary.



Place a straight edge across the base of the rear shoe, to check it is level with the chassis (Fig. 9). There should be a 2-3mm gap between the straight edge and either side of the chassis. Ensure the gap is identical on either side by adjusting the position of the rear and front clamps.

With your planer shoes still set exactly in line use a straight edge down the length of the chassis and measure from the square tubes at each end of the chassis to check that the planer is parallel (Fig. 10).



The reading at the rear should be equal or 1-2mm less than the front, but should never be greater.

Make adjustments to the handle bracket assembly (repeat Fig's 7 and 8) until you are satisfied with the alignment. **Note:** if your workpiece binds between the planer shoe and fence / jig during operation a 1-2mm offset of the rear shoe (as stated above) will eliminate this.

Re-check that the planer is level across the chassis (Fig. 9) and make any necessary adjustments.

### FITTING TO THE WORKCENTRE

Remove the Workcentre table and turn it upside down.



Insert the M6 Flange nuts (14) into the underside of the Nut Carriers (16) so that it locates fully inside the cavity (Fig. 11)

With the flange of the nut facing up (toward you), insert the nut carriers into the slots in the front and rear table reinforcing ribs. They can be inserted from either side of the slot (Fig. 11).

Loosely fit a short Coach Bolt (17) and Round Knob (18) to the Front and Rear table brackets (19 and 20) (Fig. 12).



Fit the brackets to the nut carriers using a short M6 screw (12) and Washer (7). Push brackets in the direction shown to take up any movement before tightening (Fig. 13). Make sure the round knobs face toward each other and the notched ends of the brackets point outward.



Fig. 14

Insert the Front and Rear Pivot Brackets (21 and 22) between the plastic and steel components of the table brackets and push until the steel tabs and notches engage (Fig 14). Note: these parts may be already pre-assembled. The small plastic stops must face inward, toward each other. Tighten the knobs.

Fit the Brace Struts (25) and Front and Rear Height Brackets (23 and 24) to the inside face of the pivot brackets using short M6 Screws (12), Nyloc Nuts (26) and Washers (7) (Figs. 15 and 16). The bolts prefitted to the height brackets locate in the slots on the pivot brackets. Two washers are used at each end - against the nut and inserted between the height adjustment bracket and brace strut (Fig. 16).



Fig. 15

Fit the brace with holes in it at the end furthest away from the table T-slots and fit both braces with the plastic toggles facing away from the T-slots (Fig 15).



Fig. 16

Turn the table over and re-fit to the Workcentre.

Ensure the table brackets are fully located and tightened. Locate the braces with the toggles resting on the Workcentre base channel (Fig. 17). Loosen the nuts and adjust the toggle positions until the braces 'snap' down into place (Fig. 17) (inset). The correct position should support the table without lifting it. Re-tighten the nuts.



Fig. 17

Fit Round Knobs (18) to the front and rear height adjustment brackets and lock them tilted outward slightly, for easy mounting of the planer chassis (Fig. 18).



Fig. 18



Fig. 19

Slide the planer chassis down between the brackets and insert a long Coach Bolt (27), as shown, through the square tubes at each end while supporting the chassis (Fig. 19).

Fit the Height Indicators (28) and Round Knobs (18) to the coach bolts (Fig. 20).



Fig. 20

Lift the chassis to full height and tighten the round knobs. Loosen the pivot knobs and pivot the chassis vertical to the table then tighten (Fig. 21).

Use a square to check that the planer blade is 90° to the table, as shown. If necessary, loosen the

screws and relocate the front and rear angle stops up or down their slots until the blade is square, then re-tighten.



Fig. 21

Loosen the height adjustment knobs and lower the chassis until the top of planer blade is level with the table. The best way is to place a flat board on the table and adjust the chassis until the top of the blade just touches the underside of the board (Fig. 22).



Fig. 22



Fig. 23

Ensure that the chassis is level by measuring up from the square tubes to the top of the height brackets (Fig. 23). Independently adjust both ends of the chassis until an equal reading is reached at both ends. Re-check that the blade is still flush with the table and make adjustments if necessary.

Apply the Scale Labels (29) to the height brackets. Peel the 'Front' label from its backing and insert it under the front scale indicator (nearest to the front shoe of the planer). Align '0' to the top edge of the indicator and press into place, wrapping it around the fold in the bracket (Fig. 24). Apply the rear label. Return the planer to full height.

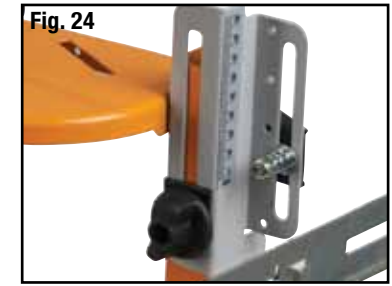


Fig. 24

Fit the Pressure Fingers (30) to the height brackets using the short Coach Bolts (17), Springs (31), Washers (7) - fitted at each end of the springs, and Nyloc nuts (26) (Fig. 25). They should both point inward toward the planer (see also Fig. 27).

Tighten the nut until the bolt just protrudes through it.

The tighter the nut, the greater the tension of the pressure finger. Adjust the tension as required after you have performed some cuts.



Fig. 25

The pressure fingers can be easily re-located to any of the four pre-set positions, or angled outwards when not required. Pull the pressure finger outward to disengage the locating pins then slide and/or rotate it to the desired position (Fig. 26).



Fig. 26

Loosen the plastic wing nut on the Planer Guard Assembly (32) and insert it fully into the front chassis tube. Retract the guard and tighten the wing-nut to secure it in place (Fig. 27).



Fig. 27

Fit the Tube Closer (33) into the rear chassis tube, as shown.

Attach the Switch-Box (34) to the front brace by screwing the Self-Tapping Screws (35) into the lower holes in the rear of the switchbox (Fig. 28).



Fig. 28

Depress the planer's trigger and fit the Trigger Strap (36) (Fig. 29).



Fig. 29

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

Make sure the switch is off (Fig. 31) and plug the planer into its switchbox, then bring power to the switchbox via a 10 Amp extension lead. Using a separate lead to that of your Workcentre enables independent operation of your saw and planer.

Press the switch with your finger to switch the power 'ON' (Fig. 30). Tap the stop plate with your hand to switch it 'OFF' (Fig. 31).



Fig. 30



Fig. 31

Push the Dust Hose (37) through the hole in the top of the chassis and position it over your planer's dust outlet (Fig. 32).



Fig. 32

Bend the hose over and secure it using the Plastic Chain (38) twist locked through the slots in the chassis edge, as shown.

Fit the Dust Bag (39) over the end of the hose and tighten the draw string (Fig. 33).



Fig. 33

As the bag fills, during use, be sure that it is seated on the ground. Relocate the bag further down the hose if necessary.

Hartelijk dank voor de aanschaf van dit Triton-gereedschap. Deze instructies geven informatie voor een veilige en doeltreffende bediening van dit product.

Lees deze handleiding zodat u de voordelen van het unieke design van dit product ten volle kunt benutten. Houd deze handleiding bij de hand en zorg ervoor dat alle gebruikers van dit gereedschap de handleiding hebben gelezen en volledig hebben begrepen.

## INHOUD

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## SYMBOLEN



Draag altijd gehoorbescherming, een veiligheidsbril en een stofmasker



Waarschuwing



Voldoet aan de relevante wetgeving en veiligheidsstandaards



Zorg dat u de handleiding volledig hebt doorgenomen en begrepen voor u dit product gebruikt

## ONDERDELEN

1. Afstellingplaat (1)	14. M6 flensmoeren (6)	27. Slotbouten - lang (2)
2. Schaafmachine onderstel (1)	15. Handvatklem (1)	28. Hoogte indicatoren (2)
3. M4 bouten (2)	16. Moerdragers (2)	29. Schaallabels (1 paar)
4. M4 flensmoeren (2)	17. Slotbouten - kort (4)	30. Drukvingers (2)
5. Voorste klemmen (2)	18. Ronde knoppen (6)	31. Veren (2)
6. M6 bouten - lang (3)	19. Voorste tafel steun (1)	32. Schaafbeschermer montage (1)
7. Sluiteringen (15)	20. Achter tafelsteun (1)	33. Buisluiser (1)
8. 6-hoekige moeren (3)	21. Voorste scharniersteun (1)	34. Schakelaar doos (1)
9. Vleugel moeren (3)	22. Achter scharniersteun (1)	35. Zelftappende schroeven (2)
10. Achterklem (1)	23. Voorste hoogste steun (1)	36. Klittenband riem (1)
11. Framesteun (1)	24. Achter hoogste steun (1)	37. Stofslang (1)
12. M6 bouten - kort (8)	25. Steunstijlen (2)	38. Plastieken ketting (1)
13. Grote sluitringen (2)	26. Nyloc moeren (4)	39. Stofzak (1)