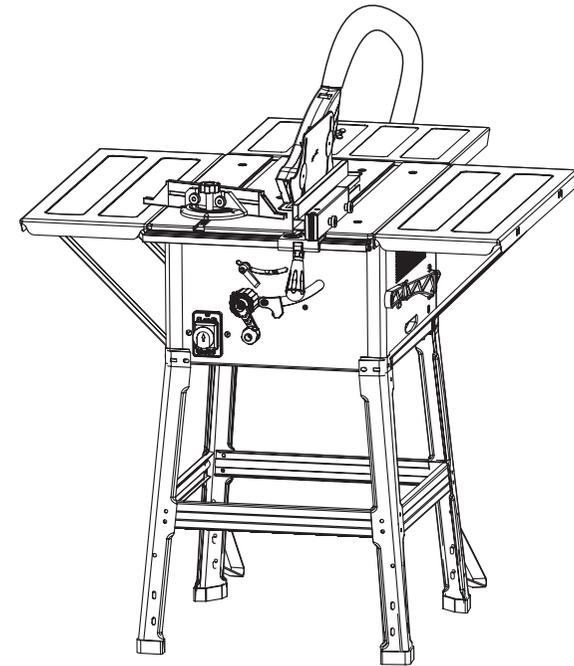


TITAN®

1500W TABLE SAW



TTB554TAS

Barcode:5052931280483



Original Instructions_MNL_PTS:1500_V02_120726

WARNING: Read the instructions before using the machine.

TITAN®

Congratulations on your purchase of a TITAN power tool from TITAN Power Tools (UK) Ltd. We want you to continue getting the best performance from it so this handbook includes information on safety, handling and care. Please retain this handbook in case you need to refer to any of the information in the future. Your TITAN power tool comes with a 2 year guarantee, so should it develop a fault within this period contact your retailer.



GUARANTEE

This TITAN product carries a 2 year guarantee. If your product develops a fault within this period, you should, in the first instance contact the retailer where the item was purchased.

This guarantee specifically excludes losses caused due to:

- Fair wear and tear
- Misuse or abuse
- Lack of routine maintenance
- Failure of consumable items (such as batteries)
- Accidental damage
- Cosmetic damage
- Failure to follow manufacturer's guidelines
- Loss of use of the goods

This guarantee does not affect your statutory rights. This guarantee is only valid in the UK.

1500W TABLE SAW TTB554TAS

Let's get started...

These instructions are for your safety. Please read through them thoroughly before use and retain them for future reference.



Getting started...

Your product

Technical and legal information

Before you start



In more detail...

Product functions

Operation

Care and maintenance

Trouble shooting

Recycling and disposal

EC declaration of conformity

03

03

04

09

14

15

16

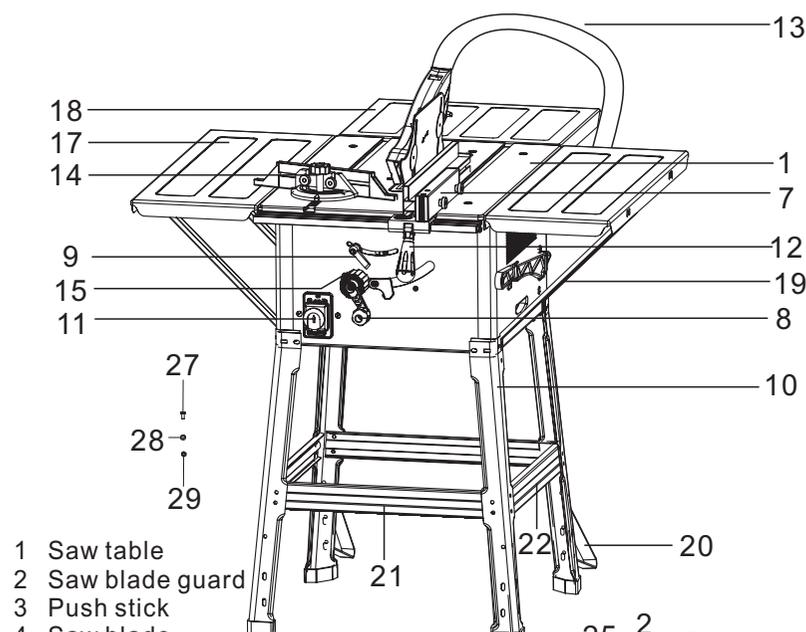
21

24

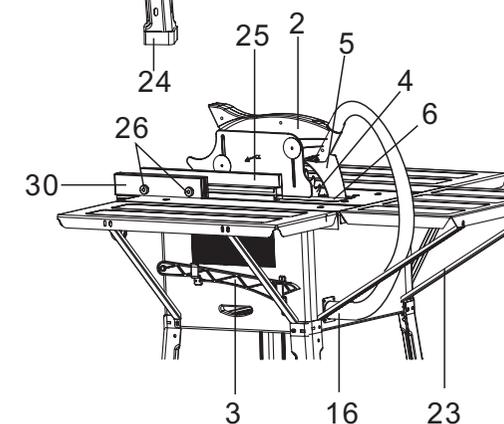
24

26

Your product



- 1 Saw table
- 2 Saw blade guard
- 3 Push stick
- 4 Saw blade
- 5 Riving knife
- 6 Table insert
- 7 Rip fence
- 8 Handwheel
- 9 Fixing handle
- 10 Stand leg
- 11 ON/OFF switch
- 12 Rip fence locking lever
- 13 Extractor hose
- 14 Cross-cutting fence
- 15 Adjusting grip
- 16 Chip outlet
- 17 Table width extension
- 18 Table length extension
- 19 Side rail support
- 20 Additional legs
- 21 Horizontal struts
- 22 Cross struts
- 23 Rear support
- 24 Rubber foot



- 25 Stop rail
- 26 Knurled screw
- 27 M6x12 bolt x40
- 28 Washer x32
- 29 M6 Nut x40
- 30 Holder

Technical data

Voltage:230-240V~50Hz
 Rated input:1200W S1, 1500W S6 40%
 No load speed:5700min⁻¹
 Carbide saw blade: Ø250 x Ø30 x 2,4mm
 Thickness of riving knife:2mm
 Bevel angle range:0°-45°
 Table size without extension tables: 640 x 446mm
 Table size with extension tables: 965 x 946mm
 Cutting height max. 90° :75mm
 Cutting height max. 45° :48mm
 Connector for dust extractor:dia.Ø35mm
 Weight:25kg

Noise data

A weighted sound pressure KpA:.....99.2dB(A)
 Uncertainty KpA :.....3dB
 A weighted sound power KwA:.....111.1dB(A)
 Uncertainty KwA:.....3dB
 Vibration :.....<3m/s² K=1.5m/s²

The sound intensity level for the operator may exceed 80dB(A) and sound protection measure are necessary.

Operating mode S6 40%: Continuous operation with idling (cycle time 10 minutes). To ensure that the motor does not become excessively hot it may only be operated for 40% of the cycle at the specified rating and must then be allowed to idle for 60% of the cycle.

Symbols



Warning! Denotes risk of personal injury, loss of life, or damage to the tool in case of non-observance



Wear ear protection.



Wear eye protection.



Wear respiratory protection.



The product complies with the applicable European directives and an evaluation method of conformity for this directives was done.



Read the instruction manual.



Wear protective gloves



Switch the product off and disconnect it from the power supply before assembly, cleaning, adjustments, maintenance, storage and transportation.



The table saw use for wood only.



Caution,risk of cutting.



WEEE symbol. Waste electrical products should not be disposed of withhousehold waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice.

yyWxx: Code of manufacture.

Production year (yy) and week of production (Wxx).

General safety



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

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 do 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 properly

Do not wear loose clothing or jewellery, they can be caught in moving parts.

Non-skid footwear is recommended when working outdoors.

Wear protective hair covering to contain long hair.

9 Use protective equipment

Use safety glasses.

Use face or dust mask if working operations create.

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 cord.

Never yank the tool to disconnect it from the socket. Keep the cord away from heat, oil and sharp edges.

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 tool with care.

Keep cutting tools sharp and clean for better and safer performance. Follow instructions for lubrication and changing accessories. Inspect tool cord periodically and if damaged have them replaced by an authorised service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean and free of oil or grease.

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.

16. Remove adjusting keys and wrenches.

From the habit of checking to see that keys and adjusting wrenches are removed from the tool before turning it on.

17. Avoid unintentional starting.

Ensure switch is in the "off" when plugging in.

18. Use outdoor extension leads.

When tool is used outdoors, use only extension cords intended for outdoor use and so marked.

19. Stay alert.

Watch what you are doing. Use common sense. Do not operate tool when you are tired.

20. Check damaged parts.

Before further use of the 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 authorised service centre unless otherwise indicated in this instruction manual. Have defective switches replaced by an authorised service facility. Do not use the tool if the switch does not turn it on and off.

21. Warning.

The using of any accessory or attachment other than those recommended in this instruction manual may present a risk of personal injury.

22. Have your tools repaired by qualified person.

This electrical tool complies with the relevant safety requirements. Repairs should only be carried out by qualified persons using original spare parts, otherwise this may result in considerable danger to the user.

Additional safety

Even when the machine is used as prescribed it is still impossible to eliminate certain residual risk factors. The following hazards may arise in connection with the machine's construction and design:

--Contact with the saw blade in the uncovered saw zone.

--Reaching into the running saw blade (cut injuries).

--Kick-back of workpieces and parts of workpieces.

--Saw blade fracturing.

--Catapulting of faulty carbide tips from the saw blade.

--Damage to hearing if essential ear-muffs are not worn.

--Harmful emissions of wood dust when the machine is used in closed rooms.

Please note that our equipment has not been designed for use in

commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

Wear suitable personal protective equipment when necessary, this could include

- Hearing protection to reduce the risk of induced hearing loss.
- respiratory protection to reduce the risk of inhalation of harmful dust.
- wear gloves when handling saw blades and rough material. Saw blades shall be carried in a holder whenever practicable.

Connect circular saws to a dust-collecting device when sawing wood. The operator shall be informed of the factors that influence exposure of dust e.g. type of material being machined and importance of local extraction (capture or source) and proper adjustment of hoods/baffles/chutes.

Do not use high speed steel (HS) blades.

The push-stick or push block should always be stored with the machine when not in use safe operation:

- Use push-sticks or push blocks to feed the workpiece past the saw blade;
- Use and correct adjustment of the riving knife;
- Use and correct adjustment of the upper saw blade guard;
- Rebating or grooving should not be carried out unless suitable guarding, such as a tunnel guard, is fitted above the saw table;
- Saws shall not be used for slotting (stopped groove);
- a table giving guidance on spindle speed selection for different materials to be sawn shall be given for variable speed tool;
- use only saw blades for which the maximum possible speed is not less than the maximum spindle speed of the tool and the material to be cut;
- when transporting the machine use only transportation devices and do never use guards for handling or transportation;
- During transportation the upper part of the saw blade should be covered; for example by the guard; adjust the parallel stop to the width of workpiece you require.

Feed in the workpiece with two hands. Always use the push stick in the area of the saw blade.

Always push the workpiece through to the end of the splitter.

HEALTH ADVICE

WARNING! When sawing, dust particles will be produced. In some instances, depending on the materials you are working with, this dust can be particularly harmful to you (e.g. lead from old gloss paint).

You are advised to consider the risks associated with the materials you are working with and to reduce the risk of exposure. You should:

- Work in a well-ventilated area.
- Work with approved safety equipment, such as those dust masks that are specially designed to filter microscopic particles.

Unpack

- Unpack all parts and lay them on a flat, stable surface.
- Remove all packing materials and shipping devices if applicable.
- Make sure the delivery contents are complete and free of any damage. If you find that parts are missing or show damage do not use the product but contact your dealer. Using an incomplete or damaged product represents a hazard to people and property.
- Ensure that you have all the accessories and tools needed for assembly and operation. This also includes proper personal protective equipment.

You will need

Items not supplied	Items supplied
1. Suitable personal protective equipment (gloves, eye protection)	1. Saw blade (for wood)
2. Crosshead (PH1) Screwdriver	2. 2x Spanners (13x10, 24x10)
	3. Mounting nuts (40), bolts (40) and washers (32)

Install the stand

When assembling this stand we suggest the screws are only lightly tightened until the stand is fully assembled.

NOTE. There are different lengths of stand struts. Ensure you match them as you assemble this stand otherwise it will not sit square.

Turn the saw upside down and place it on the floor.

Fit a rubber foot (24) to each of the four stand legs (10).

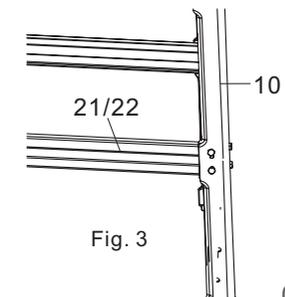
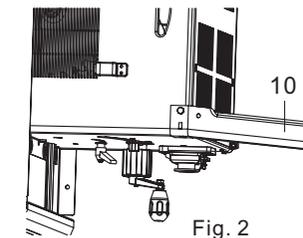
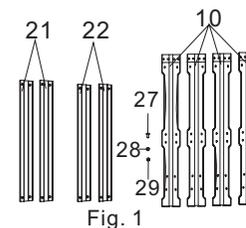
Secure the stand legs (10) to the table saw using screws and washers at each corner. (Fig. 2)

Use hex screws (27), washers (28) and nuts (29) to fit a horizontal struts (21) between two stand legs (10).

Repeat for the second horizontal struts (21) and the second pair of stand legs (14).

Use hex screws, washers and nuts to fit the cross struts (22) and complete the assembly.

Tighten all screws.



Screw the additional legs (20) to the rear legs(10) with hex screws (27), washers (28) and nuts (29) so that they point towards the rear of the machine (Fig. 4). Turn the table saw upright into the normal operating position.

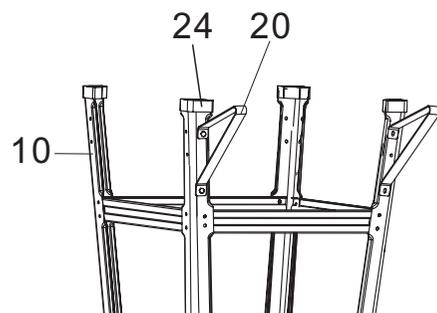


Fig. 4

Install the extension tables

Fit a screw through each of these two holes and into the corresponding tapped holes in the table top side

Use four screws (27), washers (28) and two nuts (29) to fit the stand side brackets(19).

Tighten the screws to secure the extension table, making sure it is aligned and flush with the table saw.

Repeat for the second side table extension.

Use the same way to fit the rear extension table.

Fully tighten all screws once the table top and table extensions are aligned parallel and flush together.

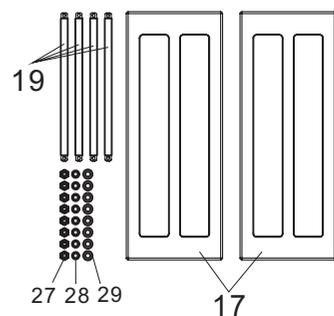


Fig. 5

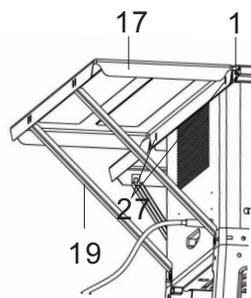


Fig. 6

Install the saw blade guard

1. Install riving knife

Remove the table insert with a crosshead(PH1) screwdriver.

Set the saw blade to the maximum cutting depth, move it to the 0° position and lock it in place with the fixing handle (9). Slacken the screw (make sure the plate under the table is not removed), then insert the riving knife into the slot. Adjust the riving knife (5) so that the gap between the saw blade (4) and the riving knife (5) equals 3 - 5 mm (see Fig. 7)

The riving knife (5) has to be in line with the saw blade (4) in longitudinal direction. Retighten the screw.

Re-fit the table insert.

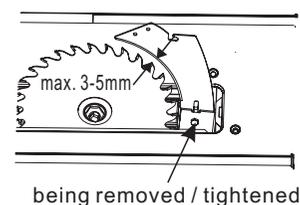


Fig. 7

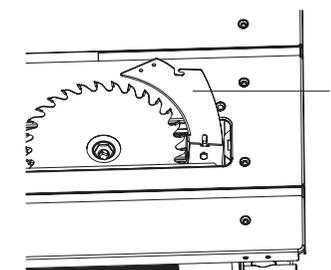


Fig. 8

2. Fitting the saw blade guard (Fig. 9)

Place the saw blade guard(2) together with the screw on top of the riving knife(5) so that the screw is snug in the oval hole.



NOTE. The blade guard (2) should return to its rest position after the workpiece has been sawn.

CAUTION. The saw blade guard (2) must be in position at all times to prevent contact with the blade. It should lift up and onto the workpiece when the workpiece is passed through the saw.

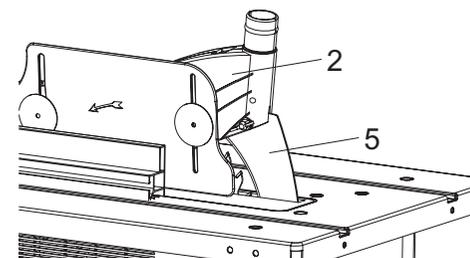


Fig. 9

Install extractor hose

Fasten the extractor hose (13) to the chip outlet (16) and to the extractor socket of the saw blade guard (2).

A suitable extractor system has to be connected to the outlet of the chip outlet (16).

To remove the saw blade guard, proceed in reverse order.

Important!

The saw blade guard (2) must always be lowered over the workpiece before you begin to cut.

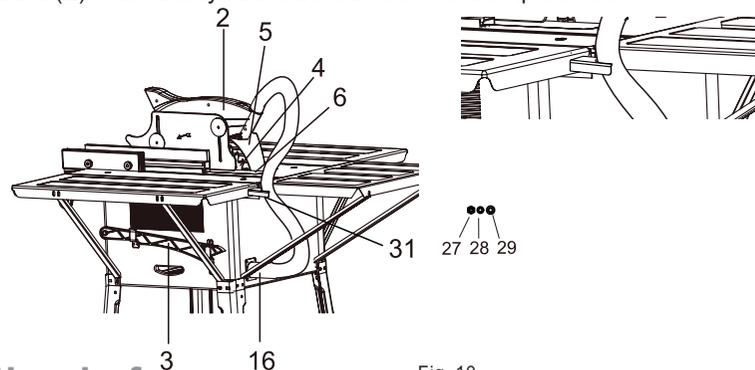


Fig. 10

Install the rip fence

Adjust the rip fence (7) to the desired width from the blade using the scale rules on the table surface for reference. To adjust loosen the lock lever (12).

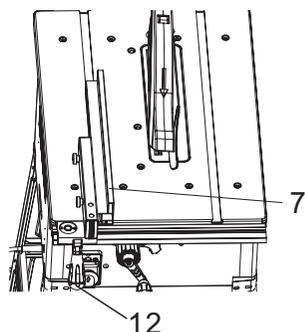


Fig. 11

Cutting narrow workpieces (Fig. 18)
Longitudinal cuts in a workpiece smaller than 125mm in width must always be made with the help of the push stick (3).

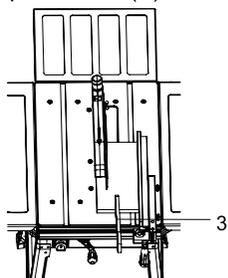


Fig. 18

Install the cross-cutting fence

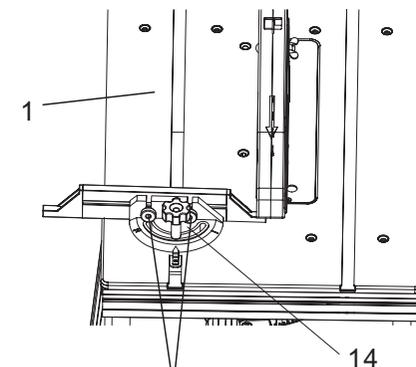
Slide the cross-cutting fence (14) into the slot of the saw table (1).

Slacken the knob on the mitre gauge.

Turn the cross-cutting fence (14) to select the required angle.

Re-tighten the knob.

Loosen the two knobs that secure the fence, adjust the length of the fence to suit and re-tighten the two knobs.



two knobs being loose/tighten

Fig. 12

Dust extraction



WARNING! Attach a dust extraction device when using this product in order to keep the working area clean! Wear a dust mask when operating this product! Dust can be harmful to health! Especially dust and chips of wood that has been treated, e.g. with a wood preservative or stain!

Attach a dust extraction device e.g. a suitable vacuum cleaner to the chip outlet (16)

Connection to the power supply

1. Connect the plug with a suitable socket.
2. Your product is now ready to be used.



WARNING! Check the voltage! The voltage must comply with the information on the rating label!



In more detail...

Product functions	15
Operation	16
Care and maintenance	21
Trouble shooting	25
Recycling and disposal	25
EC declaration of conformity	26



Intended use

This table saw is designated with a rated input of 1500 Watts. This product is intended for cutting wood and similar material e.g. MDF and chipboard, not be used on other materials or those harmful to health. It is to be used for dry operation only without water or other cooling liquids. This product is intended for private domestic use only, not for any commercial trade use. It must not be used for any purposes other than those described.

Adjust the blade angle and depth

1. Adjust the blade angle

Loosen the fixing handle (9) and turn the adjusting grip (15) until the pointer points to the required angle on the scale.

The blade angle pointer can be adjusted when checking the accuracy of the blade angle. with the power disconnected, place a set square against the saw blade. Adjust the blade angle wheel until the blade is parrallel to the set square then move the pointer to 0° on the blade angle scale.

2. Adjust the cutting depth

Turn the handwheel (8) to set the saw blade (4) to the required cutting depth.

Turn anti-clockwise: larger cutting depth
Turn clockwise: smaller cutting depth

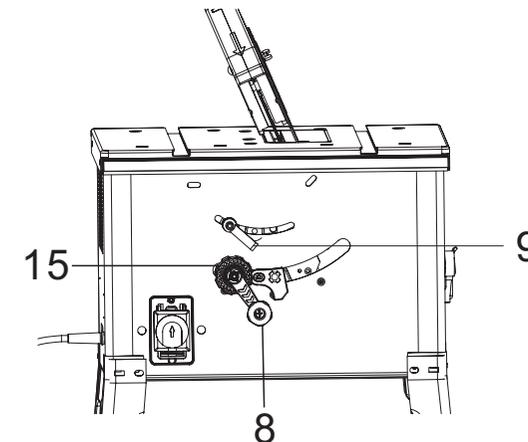


Fig. 13

Setting rip fence

1. Stop height (Fig. 14 15 16)

The rip fence (7) supplied with the the table saw has two different guide faces.

For thick material you must use the stop rail (25) as shown in Fig. 15, for thin material you must use the stop rail as shown in Fig. 16.

To change over the stop rail (25) to the lower guide face you have to slacken the two knurled screws (26) in order to disconnect the stop rail(25) from the holder (30).

Remove the two knurled screws (26) through the one slot (b) in the stop rail (25) and insert in the other slot (a).

Remove the two knurled screws (26) through the one slot (b) in the stop rail (25) and insert in the other slot (a).

Remount the stop rail (25) on the holder (30). The procedure for changing over to the high guide face is the same.

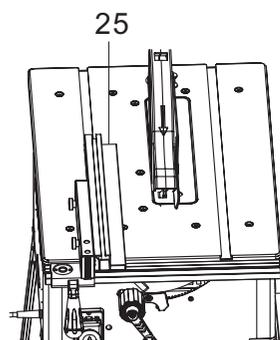


Fig. 14

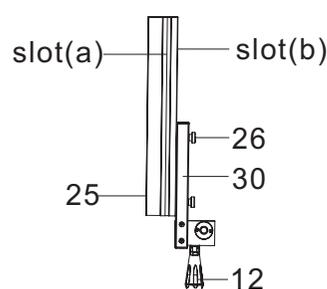


Fig. 15

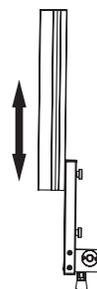


Fig. 16

2. Cutting width:

The rip fence (7) has to be used when making longitudinal cuts in wooden workpieces. The rip fence (7) can be mounted on either side of the saw table (1).

The rip fence (7) has to be mounted in the guide rail of the saw table (1).

The rip fence (7) can be set to the required dimension with the help of the scale on the guide rail .

You can clamp the rip fence in the required position by pressing the lock lever (12).

3. Setting the stop length (Fig. 17)

The stop rail (25) can be moved in longitudinal direction in order to prevent the workpiece from becoming jammed.

Rule of thumb: The rear end of the stop comes up against an imaginary line that begins roughly at the center of the blade and runs at an angle of 45° to the rear.

Set the required cutting width

- Slacken the knurled screws (26) and push the stop rail (25) forward until it touches the imaginary 45° line.
- Retighten the knurled screws (26).

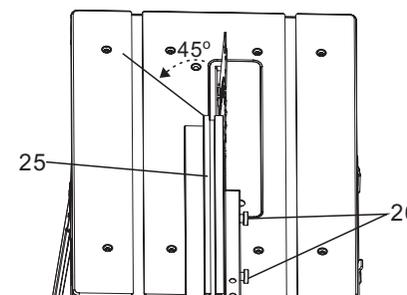


Fig. 17

Setting cut

1. Making longitudinal cuts

IMPORTANT. After each new adjustment it is advisable to carry out a trial cut in order to check the set dimensions.

After switching on the saw, wait for the blade to reach its maximum speed of rotation before commencing with the cut.

Take extra care when starting the cut.

Longitudinal cuts involve cutting through a workpiece along its full length.

One edge of the workpiece is pressed against the rip fence(7) while its flat side rests on the saw table(1).

The saw blade guard(2) must always be operational and cover the workpiece.

When making longitudinal cuts you must always stand to one side of the cutting line.

Switch on the saw.

With your fingers together, place your hands flat on the workpiece and push the workpiece along the fence into the saw blade(4).

Guide the workpiece at the side with your left hand only as far as the front edge of the saw blade guard(2).

Always push the workpiece through to the end of the riving knife(5).

Leave the off-cuts on the saw table until the saw blade has stopped again.

Secure a long workpiece against sagging at the end of the cutting operation (e.g. with a roller table or similar device)

Use the push stick (3) for guiding the workpiece if your hand gets to within 125mm of the saw blade.

After using the push stick (3), place it back on the holder.

2. Cutting narrow workpieces (Fig. 18)

Longitudinal cuts in a workpiece smaller than 125mm in width must always be made with the help of the push stick (3).

Function of stick: When cutting wood, use stick to push wood to adjoin to the table, to avoid hurt hands.

Operation method: When cutting smaller wood with fence, user can't push wood by hand directly, but use stick to lock top corner of wood as below picture.

Down to push forward and push wood to adjoin to the table, go forward along fence. After cutting, push wood off from the table. Pls notice that sawed off wood should be pushed off table by push stick instead of by hand.

WARNING. Worn or damaged push sticks must be replaced immediately.

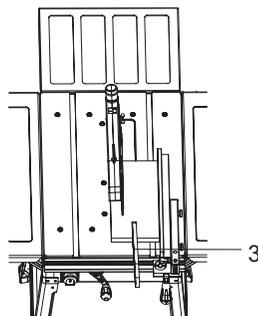


Fig. 18

3. Cutting extremely narrow workpieces (Fig. 19)

Longitudinal cuts in an extremely narrow workpiece with a width of 30mm or less must always be made with the help of a push block.

You have not been supplied with a push block. (Either make or purchase a suitable one from a specialist dealer).



WARNING. Worn push blocks must be replaced without delay.

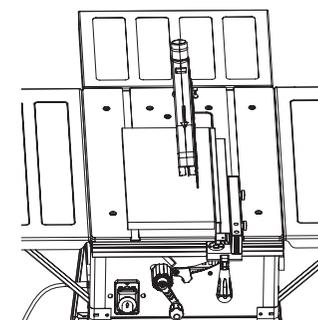


Fig. 19

4. Making bevel cuts (Fig. 20/21)

Always use the rip fence (7) when cutting bevels.

Set the saw blade to the required angle.

Set the rip fence (7) to suit the width and height of the workpiece.

Carry out the cut in accordance with the workpiece width.

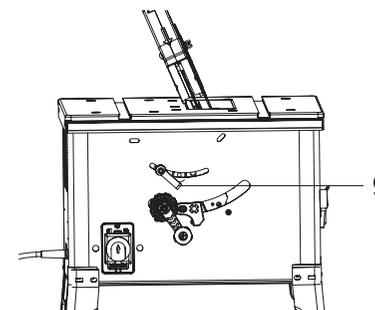


Fig. 20

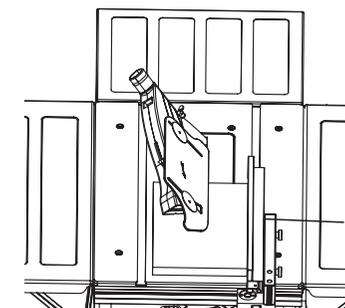


Fig. 21

5. Making cross cuts (Fig. 22)



WARNING. When cross cutting, do not use the rip fence (7) as a length stop as the cut off piece could bind between the rip fence and the blade and cause kickback.

Push the cross-cutting fence (14) into one of the two slots of the saw table and set it to the required angle. If you also want to set the saw blade at an angle, use the slot which prevents your hand and the mitre gauge coming into contact with the saw blade.

Set the fence rail to the most suitable length.

Press the workpiece firmly against the mitre gauge.

Switch on the saw.

Push the cross-cutting fence (14) and the workpiece toward the saw blade in order to make the cut.

IMPORTANT.

Always hold the guided part of the workpiece. Never hold that part of the workpiece, which is being cut off.
Always push the cross-cutting fence (14) far enough forward for the workpiece to be cut through completely.
Switch off the saw again.
Wait for the saw blade to stop before you remove the off-cuts.

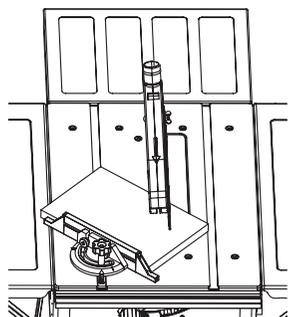


Fig. 22

Switch ON and OFF

To start the machine, press the tabs on either side of the red safety button and lift it and the switch(11) cover plate upwards to reveal the on and off buttons. Push the green button "I" to start the machine and the red button "0" to stop the machine. (Fig.23)

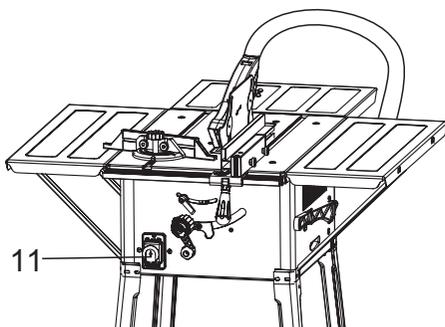


Fig. 23

General operation

1. Check the product, its power cord and plug as well as accessories for damage before each use. Do not use the product if it is damaged or shows wear.
2. Double check that accessories are properly fixed.
3. Always hold the product by its handle. Keep the handle dry to ensure safe support.
4. Ensure that the air vents are always unobstructed and clear. Clean them if necessary with a soft brush. Blocked air vents may lead to overheating and damage the product.
5. Switch the product off immediately if you are disturbed while working by other people entering the working area. Always let the product come to complete stop before leaving it. Do not overwork yourself. Take regular breaks to ensure you can concentrate on the work and have full control over the product.

The golden rules of care

1. Keep the product clean. Remove debris from it after each use and before storage.
2. Regular and proper cleaning will help ensure safe use and prolong the life of the product.
3. Inspect the product before each use for worn and damaged parts. Do not operate it if you find broken and worn parts.



WARNING! Always switch the product off, disconnect it from power supply and let the product cool down before performing inspection, maintenance and cleaning work!



WARNING! Only perform repairs and maintenance work according to these instructions! All further works must be performed by a qualified specialist!

General cleaning

1. Clean the product with a dry cloth. Use a brush for areas that are hard to reach. In particular clean the air vents (7) after every use with a cloth and brush.
2. Remove stubborn dirt with high pressure pressure air (max 3 bar).
3. Check for worn or damaged parts. Replace worn parts as necessary or contact an authorised service centre for repair before using the product again.



NOTE: Do not use chemical, alkaline, abrasive or other aggressive detergents or disinfectants to clean this product as they might be harmful to its surfaces.

Saw blade replacement

If the saw blade is damaged or deformed, please replace the saw blade.
Before replacing the saw blade, you must clean the flanges and use a standard saw blade which conforms to EN847-1.



WARNING. Switch off the machine and remove the mains power plug before carrying out any adjustments, maintenance work or blade changes.

Turn the blade depth adjustment wheel (8) until the saw blade is at the minimum cutting depth.

Take off the saw blade guard (2) and table insert (6). Remove the riving knife (5).

Use an open-ended spanner to hold the spindle fast.

Use a second open-ended spanner to undo the blade bolt by turning in an anti-clockwise direction (right-hand thread).

Now turn the blade depth adjustment wheel (8) until the saw blade is at the minimum cutting depth, so that it is easier to take the blade out.

Remove the saw blade from the inner flange and lift it out.

Carefully clean the saw blade flange before you fit the new or re-sharpened saw blade.

Insert and secure the saw blade in reverse order.



WARNING. Take note of the running direction. The cutting edge of the teeth has to point in the running direction, i.e. forward (see the arrow on the saw blade and guard).

Re-fit and re-set the riving knife, table insert and saw blade guard.

Before using the saw again, check that all safety devices are in good working order.

IMPORTANT. After replacing the saw blade, make sure the saw blade runs freely by turning the blade by hand.

Plug the machine into a mains socket and run the saw at no load before using it to cut any materials

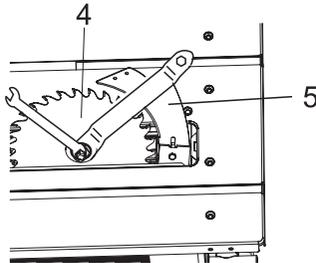


Fig. 25

Function of stick: When cutting wood, use stick to push wood to adjoin to the table, to avoid hurt hands.

Operation method: When cutting smaller wood with fence, user can't push wood by hand directly, but use stick to lock top corner of wood as below picture.

Down to push forward and push wood to adjoin to the table, go forward along fence. After cutting, push wood off from the table. Pls notice that sawed off wood should be pushed off table by push stick instead of by hand.

Additional safety warning for construction dust

The updated Control of Substances Hazardous to Health Regulations 1st October 2012 now also targets to reduce the risks associated with silica, wood and gypsum dusts.

Construction workers are one of the at-risk groups within this because of the dust that they breathe: silica dust is not just a nuisance; it is a real risk to your lungs! Silica is a natural mineral present in large amounts in things like sand, sandstone and granite. It is also commonly found in many construction materials such as concrete and mortar. The silica is broken into very fine dust (also known as Respirable Crystalline Silica or RCS) during many common tasks such as cutting, drilling and grinding

Breathing in very fine particles of crystalline silica can lead to the development of: Lung cancer Silicosis

Chronic Obstructive Pulmonary Disorder (Chronic obstructive pulmonary disease (COPD)

And breathing in fine particles of wood dust can lead to the development of Asthma The risk of lung disease is linked to people who regularly breathe construction dust over a period of time, not on the odd occasion.

To protect the lung, the COSHH Regulations sets a limit on the amount of these dusts that you can breathe (called a Workplace Exposure Limit or WEL) when averaged over a normal working day. These limits are not a large amount of dust: when compared to a penny it is tiny – like a small pinch of salt:

This limit is the legal maximum; the most you can breathe after the right controls have been used.

How to reduce the amount of dust?

- 1 Reduce the amount of cutting by using the best sizes of building products.
- 2 Use a less powerful tool e.g. a block cutter instead of angle grinder.
- 3 Using a different method of work altogether – e.g. using a nail gun to direct fasten cable trays instead of drilling holes first.

Please always work with approved safety equipment, such as those dust masks that specially designed to filter out microscopic particles and use the dust extraction facility at all time.

For more information please see the HSE website:

<http://www.hse.gov.uk/construction> or <http://www.hse.gov.uk/pubns/cis69.pdf>



Warning: Some dust particles created by power sanding, sawing, grinding, drill and other construction jobs contain chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks and cement and other masonry products.
- Arsenic and chromium from chemically treated timber.

Your risk from these exposure varies, depending upon how often you do this type of work. To reduce your exposure to these chemicals:

- Work in a well-ventilated area.
- Work with approved safety equipment, such as those dust masks that are specially designed to filter microscopic particles.

Power cord

If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a safety hazard.

UK plug

UK plug replacement

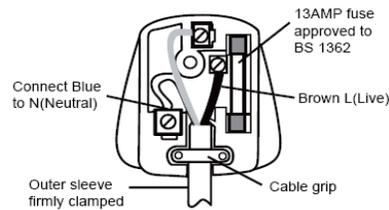
> As the colours of the wire in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows. The wire, which is coloured blue, must be connected to the terminal, which is marked with N or coloured black. The wire, which is coloured brown, must be connected to the terminal, which is marked L or coloured red.

> **WARNING:** Never connect live or neutral wires to the earth terminal of the plug, which is marked with E.

> Only fit an approved 13 Amp BS1363/a plug and the correct rated fuse.

> If in doubt, consult a qualified electrician.

> **NOTE:** If a moulded plug is fitted and has to be removed take great care in disposing of the plug and severed cable, it must be destroyed to prevent engaging into a socket.



Repair

1. This product does not contain any parts that can be repaired by the consumer. Contact a qualified specialist to have it checked and repaired.

Storage

1. Clean the product as described above.
2. Store the product and its accessories in a dry, frost-free place.
3. Always store the product in a place that is inaccessible to children. The ideal storage temperature is between 10 and 30°C.
4. We recommend using the original package for storage or covering the product with a suitable cloth to protect it against dust.

Transportation

1. Switch the product off and disconnect it from power supply before transporting it anywhere.
2. Attach transportation guards, if applicable.
3. Always carry the product by its handle.
4. Protect the product from any heavy impact or strong vibrations which may occur during transportation in vehicles.
5. Secure the product to prevent it from slipping or falling over.

Trouble shooting

Suspected malfunctions are often due to causes that the user can fix themselves. Therefore check the product using this section. In most cases the problem can be solved quickly.

Problem	Possible cause	Solution
1. Product does not start	1.1 Not connected to power supply 1.2 Power cord or plug is defective 1.3 Other electrical defect to the product	1.1. Connect to power supply 1.2. Check by a specialist electrician. 1.3. Check by a specialist electrician
2. Product does not reach full power	2.1 Extension cord not suitable for operation with this product 2.2 Power source (e.g. generator) has too low voltage 2.3 Air vents are blocked	2.1. Use a proper extension cord 2.2. Connect to another power source 2.3. Clean the air vents
3. Unsatisfactory result	3.1 Blade not suitable for work piece material 3.2 Blade blunt	3.1. Use correct blade type 3.2. Have the blade sharpened or replace it



WARNING! Only perform the steps described within these instructions! All further inspection, maintenance and repair work must be performed by an authorised service centre or a similarly qualified specialist if you cannot solve the problem yourself!

Recycling and disposal



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice.



Declaration of Conformity

We, Importer
Titan Power Tools (UK) Ltd
 Trade House, Mead Avenue, BA22 8RT

Declare that the product:
Designation: 1500W Table Saw
Model: TTB554TAS

Complies with the following Directives:
2004/108/EC Electromagnetic Compatibility Directive
2006/42/EC Machinery Directive
2006/96/EC Low Voltage Directive
2011/65/EU Restrictions of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment
2002/96/EC and 2006/96/EC Waste Electrical and Electronic Equipment (WEEE)

Standards and technical specifications referred to:

EN 61029-1/A11:2010
EN 61029-2-1:2010
EN 55014-1/A2:2011
EN 55014-2/A2:2008
EN 61000-3-2/A2:2009
EN 61000-3-3:2008

Authorised Signatory and technical file holder
 Date : 20/11/2013

Signature: P.C. Harries

Name / title: Peter Harries / Quality Manager
 Titan Power Tools (UK) Ltd. Trade House, Mead Avenue, BA22 8RT



Titan Power Tools (UK) Ltd
 Trade House, Mead Avenue,
 BA22 8RT