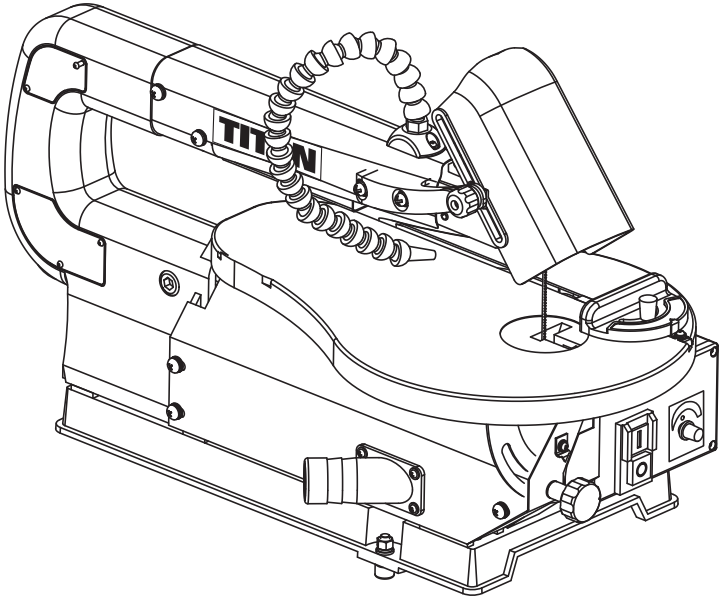
# TITAN

# 410mm Scroll Saw




# TTB703SSW

**Barcode: 5052931645213**

**WARNING! Read the instructions before using the product!**

BX220IM

Original Instructions_MNL_TTB703SSW_GB_V03_20200806

# TITAN

**Congratulations on your purchase of a TITAN power tool from Kingfisher International Products B.V.. 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.

# Let's **get started…**

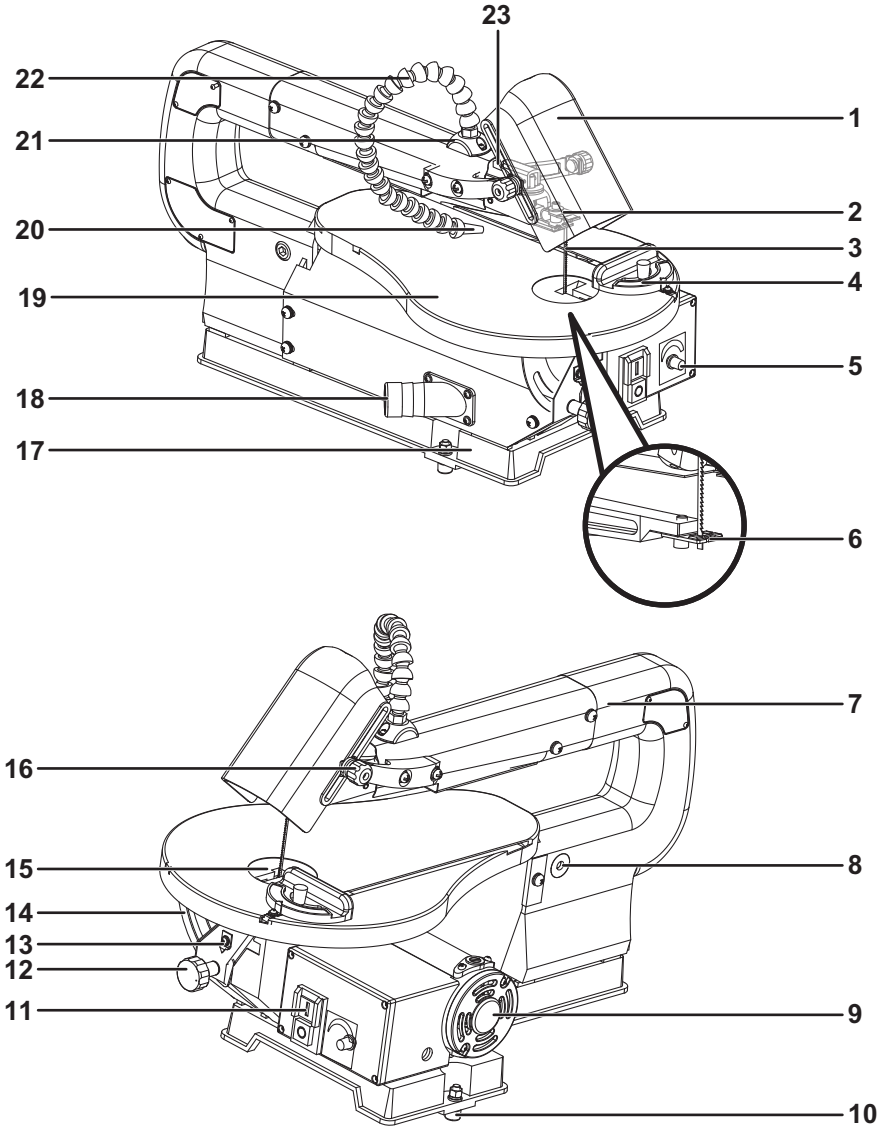
These instructions are for your safety. Please read through them thoroughly before use and retain them for future reference.

## Getting **started...** 04



## **In** more **detail...** 23

## Your product



1. Blade guard
2. Upper blade holder
3. Saw blade
4. Mitre gauge
5. Blade speed regulator
6. Lower blade holder
7. Saw arm
8. Rubber bearing cover
9. Motor
10. Rubber foot
11. ON/OFF Switch
12. Bevel locking knob
13. Bevel indicator
14. Bevel scale
15. Table insert
16. Blade guard lock knob
17. Base
18. Dust extraction port
19. Working table
20. Dust blower
21. Blower outlet
22. Dust blower tube
23. Blade tension lever

## Technical specifications

**General**

| | | |
|---|---|---|
| > **Input Voltage** | : | 230-240V~50Hz |
| > **Power Input** | : | S1: 80W S2 10min: 125W |
| > **No Load Speed** | : | 700-1650min$^{-1}$ |
| > **Max. Cutting Depth** | : | 43mm (bevel 0°) / 13mm (bevel 45°) |
| > **Max. Cutting Width** | : | 410mm |
| > **Table Size** | : | 380 x 250mm |
| > **Table Tilting Range** | : | 0°~45° |
| > **Blade Length** | : | 133mm |
| **Width** | | 2.6mm |
| **Teeth** | | 18TPI |
| **Thickness** | | 0.3mm |
| > **Net Weight** | : | 12.2kg |

**NOISE**

A weighted sound pressure $L_{pA}$.....75dB(A)
A weighted sound pressure $L_{WA}$.....86dB(A)
Uncertainty.....3dB(A)
The sound intensity level for the operator may exceed 85dB(A) and sound protection measures are necessary.

**Important note**

Remove the mains plug from socket before carrying out any adjustment or servicing.

Ensure your mains supply voltage is the same as your tool rating plate voltage. This machine is designed for operating in S2 mode (short-term operation) This means that you can operate the machine for an uninterrupted period of 10 minutes at most with a nominal load After this period of time has elapsed, you must switch off the appliance and allow it to cool down completely. Afterwards, it can be used again for a maximum of 10 minutes.

## Symbols

On the product, the rating label and within these instructions you will find among others the following symbols and abbreviations.
Familiarise yourself with them to reduce hazards like personal injuries and damage to property.

| | | | |
|---|---|---|---|
| V~ | Volt | Hz | Hertz |
| W | Input power | kg | Kilogram |
| $min^{-1}$ | Per minute | dB(A) | Decibel (A-rated) |

yyWxx: Manufacturing date code; year of manufacturing (20yy) and week of manufacturing (Wxx);

 Caution / Warning.

 Wear hearing protection.

 Read the instruction manual.

 Wear eye protection.

 Wear gloves.

 Wear respiratory protection.

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

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

 WEEE symbol. 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.

## Safety warnings

### GENERAL SAFETY INSTRUCTIONS

**WARNING!** To ensure safe operation when using your Table Saw, make sure you follow basic safety principles to reduce risk of personal injury, electric shock and fire. Please read the following instructions prior to operating this product and keep for future use.

**SAVE THESE INSTRUCTIONS**

1. **Keep the work area clean.**

> Cluttered and dark areas invite accidents.

2. **Consider work area environment.**

> Do not expose power tools to rain. Do not use power tools in damp or wet locations. Keep the 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 children 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, high or 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 are 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 dust.
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 dose 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.

**HEALTH ADVICE**

**Warning!** When drilling, sanding, sawing or grinding, 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.

## ADDITIONAL SAFETY INSTRUCTIONS FOR YOUR TOOLS

**WARNING:** Do not operate the scroll saw until it is assembled, and you have read and understood the following instructions and the warning labels on the scroll saw.

**Before operating**

> Check for proper assembly and proper alignment of moving parts. Understand the function and proper use of the ON/OFF switch.

> Understand the function and proper use of the ON/OFF switch.

> Know the condition of the scroll saw. If any part is missing, bent, or does not operate properly, replace the component before you use the scroll saw.

> Determine the type of work you are going to be doing. Properly protect your body including your eyes, hands, face, and ears.

> To avoid injury caused by pieces thrown from accessories, use only recommended accessories designed for this saw. Follow the instructions supplied with the accessory. The use of improper accessories may cause risk of injury.

> To avoid contact with rotating equipment:
- Do not position your fingers where they could contact the blade if the workpiece should unexpectedly shift or your hand should slip.
- Do not cut a workpiece too small to be held safely.
- Do not reach under the scroll saw table when the motor is running.
- Do not wear loose clothing or jewelry. Roll long sleeves above the elbow. Tie back long hair.

> To avoid injury from accidental starting of the scroll saw:
- Make sure the switch is OFF and unplug the power cord from the electric outlet before changing the blade, performing maintenance or making adjustments.
- Make sure the switch is OFF before plugging in the power cord to an electric outlet.

> To avoid injury from a fire hazard, do not operate the scroll saw near flammable liquids, vapors or gases.

> To avoid back injury:
- Obtain help when it is necessary to raise the scroll saw more than 10 inches. Bend your knees when lifting the scroll saw.

> Carry the scroll saw by its base. Do not move the scroll saw by pulling on the powercord. Pulling on the power cord could cause damage to the insulation or the wire connections resulting in electric shock or fire.

**When operating the scroll saw**

**WARNING:** Use the rotary tool for sanding and grinding applications only. This product is not recommended for drilling applications.

> To avoid injury from unexpected scroll saw movement:
  - Use the scroll saw on a firm level surface with adequate space for handling and supporting the workpiece.
  - Be sure the scroll saw cannot move when operated. Secure the scroll saw to a workbench or table with wood screws or bolts with washers and nuts.

> Before moving the scroll saw, unplug the power cord from the electrical outlet.

> To avoid injury from kickback:
  - Hold the workpiece firmly against the tabletop.
  - Do not feed the workpiece too fast while cutting. Only feed the workpiece at the rate the saw will cut.
  - Install the blade with the teeth pointing downward.
  - Do not start the saw with the workpiece pressing against the blade. Slowly feed the workpiece into the moving blade.
  - Use caution when cutting round or irregularly shaped work pieces. Round items will roll and irregularly shaped work pieces can pinch the blade.

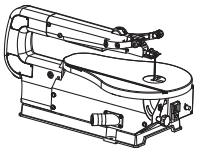
> To avoid injury when operating the scroll saw:
  - If you are not thoroughly familiar with the operation of scroll saws, obtain advice from a qualified person.
  - Before starting the saw, make sure the blade tension is correct. Recheck and adjust tension as needed.
  - Make sure the table is locked into position before starting the saw.
  - Do not use dull or bent blades.
  - When cutting a large workpiece, make sure the material is supported at the table height.
  - Turn the saw OFF and unplug the power cord if the blade jams in the workpiece while being backed out. This condition is usually caused by sawdust clogging the line you are cutting. If this happens, turn OFF the scroll saw and unplug the power cord. Wedge open the workpiece and back out the blade.
  - Do not use if blade guard is damaged or missing.
  - Do not clear away cut-off pieces until blade has stopped and the saw is turned off.

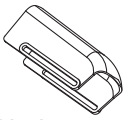
## Unpack

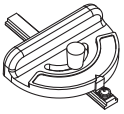
> Unpack all parts and lay them on a flat, stable surface.
> Remove all packing materials and shipping devices if applicable.
> Make sure the delivery contents are complete and free of any damage. If you find that parts are missing or show damage do not use the product but contact your dealer. Using 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 suitable personal protective equipment.

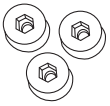
The following items are included with your scroll saw:

**NOTE:** It may be necessary to countersink hex nuts and washers on bottom side of mounting board.

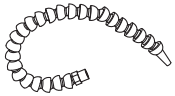

Scroll saw assembly [24] x 01


Blade guard [1] x 01


Mitre gauge [4] x 01


Rubber foot [10] x 03


Blade guard lock knob [16] x 02

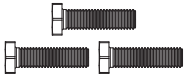

Dust blower tube [22] x 01


Square neck screw [25] x 02


Big flat washer 6 [26] x 02


Blade guard splint [27] x 02


Retaining collar [28] x 02


Hex bolt M6 x 25 [29] x 03


Flat washer 6 [30] x 03


Spring washer 6 [31] x 03


Hex nut M6 [32] x 03

## You will need

(items not supplied)
> Star-head screwdriver
> 10mm Open-end wrench or Adjustment wrench
> Needle-nose pliers
> Combination square

**WARNING: Risk of injury!**
Do not connect to power supply until assembly is complete. Failure to comply could result in accidental starting and possible serious personal injury.

## Installing the dust blower tube

Connect the flexible dust blower tube [22] hand tight into the blower outlet [21] on top of the saw arm [7] by turning it clockwise. Do not over-tighten the flexible dust blower tube.
For best results, the dust blower tube should be adjusted to direct air at both the blade and the work piece.

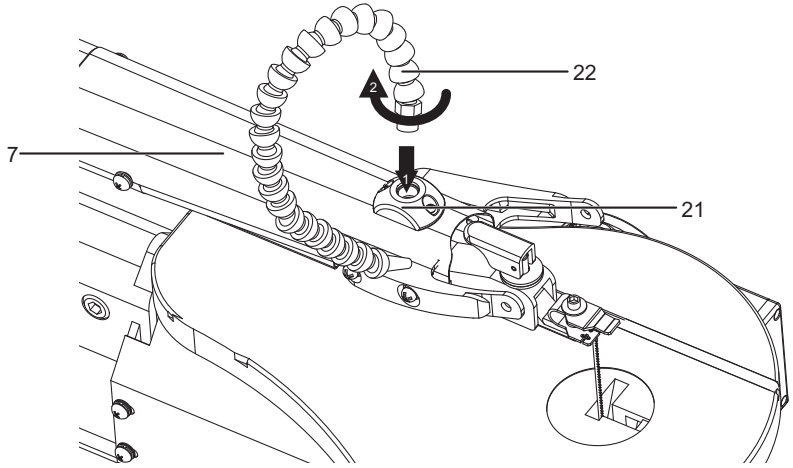



Fig. 1

## Installing blade guard

Your saw comes with a blade guard which provides extra safety to the user during the operation. To install the clear shield:

> 1. Place the blade guard [1] between the two arms [34] in the position.
> 2. Align the slide groove on the blade guard with the hole on the arm on both sides.
> 3. Place a blade guard splint [27] between the blade guard and the arm on the one side, insert the square neck screw [25] through the slide groove on blade guard, a blade guard splint [27], a big flat washer 6 [26] and the hole on the arm.
> 4. Secure a retaining collar [28] in place [33] (on the square neck screw) between the arm [34] and the big flat washer [26] with the needle-nose pliers not supplied.
> 5. Screw the blade guard lock knob [16] on, and tighten it.
> 6. Repeat step 3 and 4 on the other side.
> The blade guard should be able to slide up and down through the groove, and swing up freely.

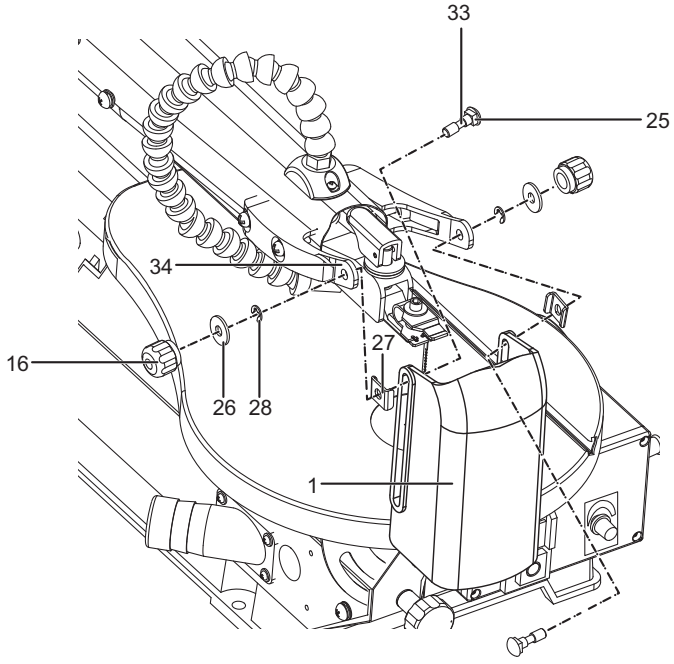



Fig. 2

## Mounting rubber feet on the base

> Align the holes on the rubber feet [10] with the holes on the base [17] of scroll saw, insert the hex bolts M6 x 25 [29] from beneath of the base.
> Tighten bolts with flat washers 6 [30], spring washer 6 [31] and hex nut M6 [32] using the 10mm open-end wrench or adjustment wrench not supplied.

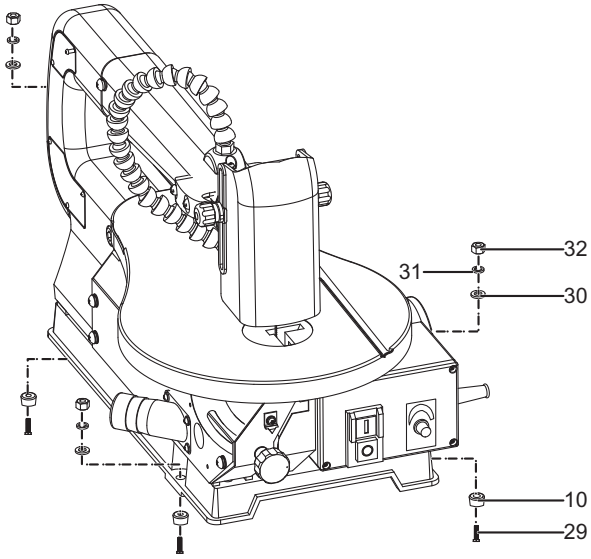



Fig. 3

## Mounting scroll saw to workbench

If the scroll saw is to be used in a permanent location, the scroll saw must be mounted to a firm supporting surface such as a workbench. Three bolt holes have been provided in the saw's base for this purpose. Bolts (not included) should be of sufficient length to accommodate the saw base, lock washers (not included), hex nuts (not included), and the thickness of the workbench. Tighten all three bolts securely.

Carefully check the workbench after mounting to make sure that no movement can occur during use. If any tipping, sliding, or walking is noted, secure the workbench to the floor before operating.

> Place scroll saw on the workbench. Using the saw base as a pattern, locate and mark the holes where the scroll saw is to be mounted.
> Drill three holes through the workbench.
> Place scroll saw on the workbench, aligning holes in the saw base with the holes drilled in the workbench.
> Insert bolts (not included) and tighten securely with lock washers and hex nuts (not included).

**WARNING:** To avoid serious personal injury from unexpected tool movement, always secrurely mount scroll saw to a workbench.

**NOTE:** All bolts should be inserted from the top. Install the lock washers and hex nuts from the underside of the bench.

**Reducing Noise and Vibration:**
You may wish to place a foam pad or piece of carpet between the saw base and the workbench to help reduce noise and vibration.
If a foam pad or piece of carpet is used, do not overtighten the mounting bolts. Leave some cushion between the padding and the saw base to help absorb the noise and vibration.
The thickness of the padding material should be approximately 1/2" (13 mm).

## Squaring the woring table to the blade

> Open the blade guard [1] upward.
> Loosen the bevel locking knob [12] to tilt the working table until it is approximately perpendicular or at right angle to the blade.
> Place a combination square [35] on the working table [19] next to the saw blade [3].
> Loosen the screw [36] holding the bevel indicator [13]. Move indicator to the 0° mark and securely tighten screw. Remember, the bevel scale [14] is a convenient guide but should not be relied upon for precision. Make practice cuts on scrap material to determine if your angle settings are correct.
> Close the blade guard [1].

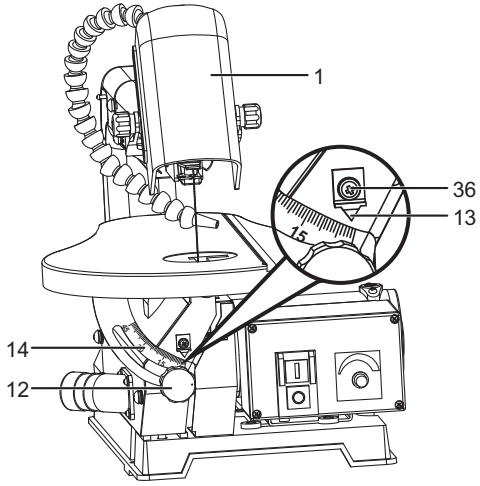



Fig. 4

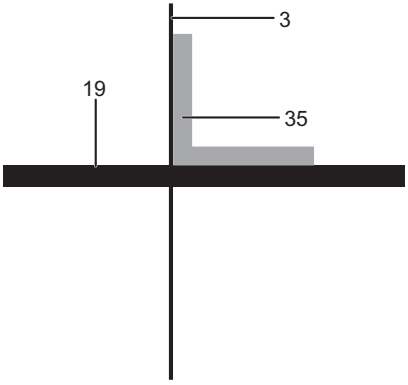



Fig. 5

**NOTE:** Make practice cuts on scrap wood to check if the bevel angle settings are correct before important angle cuts.

## Blade selection

This scroll saw accepts pin-end with a wide variety of blade thicknesses and widths. The type of material and intricacies of cutting operations will determine the number of teeth per inch.
Always select the narrowest blades for intricate (tight radius and curves) curve cutting and the widest blades for straight and large curve cutting operations.
The following table represents suggestions for various materials. When purchasing blades, refer to the back of the package for best use of blades on various materials. Use this table as an example, but practice and your own personal preference will be the best selection method.

| Teeth/ inch TPI | Blade width Inch | Blade thickness Inch | Blade/ SPM | Material cut |
|---|---|---|---|---|
| 10 | 0.110 | 0.020 | 1200-1600 | Popular size for cutting hard and soft woods 3/16” up to 2 in. plastics, paper, felt, bone, etc. |
| 15 | 0.110 | 0.020 | 600-1200 | Wood, plastic, extremely thin cuts on materials 3/32" to 1/2" thick |
| 18 | 0.095 | 0.010 | 400-600 | For tight radius work in thin material 3/32" to 1/8" wood veneer, wood, bone, Fiber, ivory, plastic, and etc. |

When choosing a blade, use very fine, narrow blades to scroll cut in thin wood 1/4" thick or less. Use wider blades for thicker materials but this will reduce the ability to cut tight curves.

**NOTE:** Thinner blades are more susceptible to blade deflection when cutting angles are not perpendicular to the table.

## Blade care

> To maximize the life of your scroll saw blades:
> Do not bend blades when installing.
> Always set proper blade tension.
> Use the right blades (See instructions on replacement blade packaging for proper use.)
> Feed the workpiece correctly into the blade.
> Use thin blades for intricate cutting.

**NOTE:** Any and all servicing should be performed by a qualified service centre.

## Blade removal and installation

**NOTE:** To prevent personal injury, always turn saw OFF and disconnect the plug from the power source before changing blades.

This saw uses pin-end scroll saw blades.

**WARNING:** Blade teeth are sharp. Be careful when handling the blade.

> Turn off and unplug the saw from the power source.
> Slide the blade guard all the way up.
> Release the blade tension by lifting up the blade tension lever [23].
> Push down on the upper blade holder [2] to remove the blade from the holder. Remove the blade from the lower blade holder [6].

**WARNING:** Make sure the blade with the teeth to the front of the saw and pointing downward.

**NOTE:** The saw blade can be suspended straight (37) or transverse (38).

**WARNING: Product damage!** The two suspensions (37 and 37 or 38 and 38) of the saw blade must be identical. The saw blade can become damaged if rotates.

> To install the blade, hook the blade in the recess of the lower blade holder [6].
> Push down the upper blade holder [2] to insert the blade into the slot of the upper blade holder.
> Push down the blade tension lever [23] and adjust. Make sure the blade is properly located in the blade holders. Make sure proper tension is applied on blade. If the blade tension is too tight or too loose, lift up the blade tension lever [23], adjust the tension setting by rotating it. Clockwise will increase the blade tension, counterclockwise will decrease the blade tension. Adjust 1-2 turns, then push down the lever to reach desired blade tension.
> Lower the blade guard to its original position.

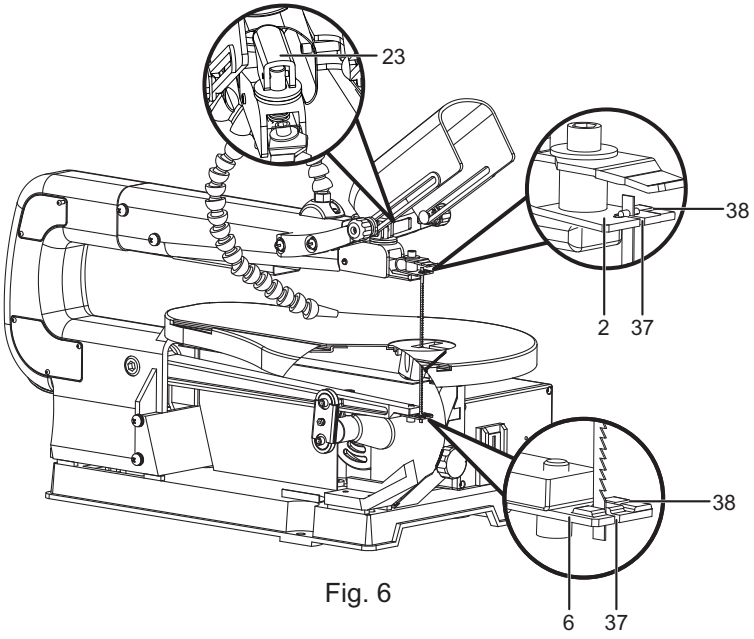



Fig. 6

## Installing the mitre gauge

> Sldie the rod [39] on the mitre gague [4] into the groove [40] on the working table [19]
> Loosen the lock knob [41] turn the mitre gauge into desired angle.

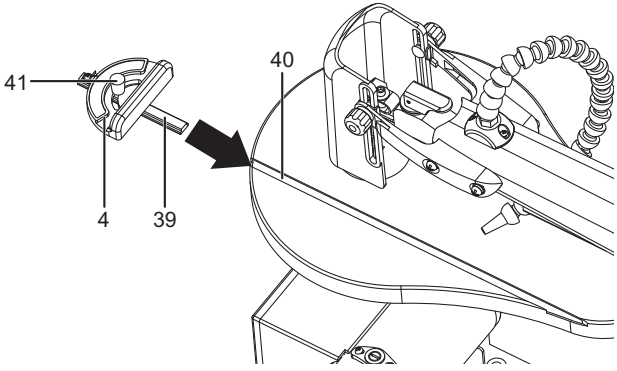



Fig. 7

## Dust extraction port

This scroll saw allows a hose or vacuum accessory (not provided) to be connected to the dust-extraction port [18] at the front of the saw.
If excessive sawdust buildup occurs inside the base, use a wet/dry vacuum cleaner or manually remove sawdust.
This will keep your saw cutting efficiently.

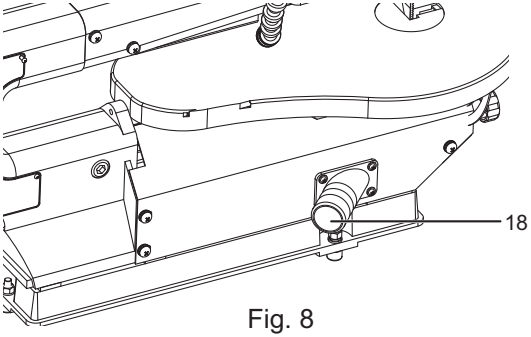



Fig. 8

## Connection to the electrical supply

> Before switching on, make sure that the voltage of the mains supply is the same as indicated on the rating plate. This product is designed to operate on 230-240V~ 50Hz. Connecting it to any other power source may cause damage.

# In more detail…

In more detail...

## ON/OFF Switch

Switching on:
> To start the machine by pressing the green I-button [42] on the ON/OFF switch. Allow saw blade to reach full speed before cutting.
Switching off:
> To stop the machine by pressing the red 0-Button [43] on the ON/OFF switch.

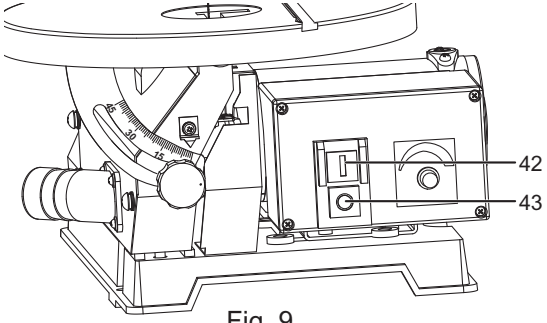



Fig. 9

## Setting the stroke rate

Set the stroke rate using the blade speed regulator [5].
> Rotate to left = reduce stroke rate (min. 700 strokes/min)
> Rotate to right = increase stroke rate (max. 1650 strokes/min)

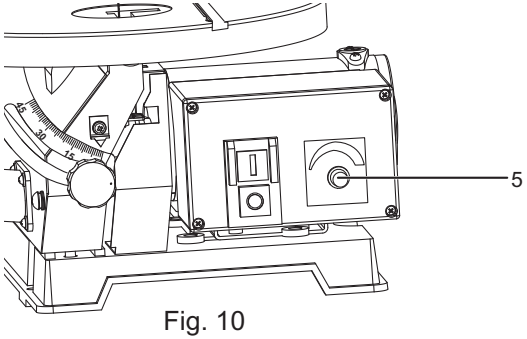



Fig. 10

## Setting the working table angle

> Undo the bevel locking knob [12].
> Set the angle by tilting the working table [19].
> Fix the angle by tightening the bevel locking knob [12].

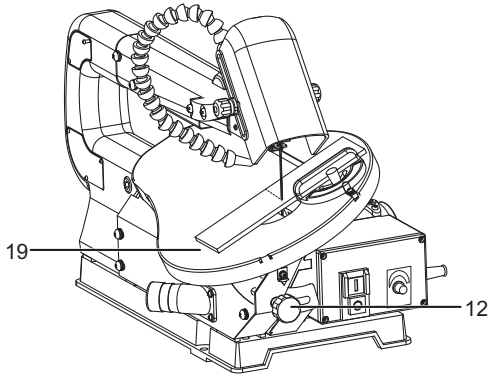



Fig. 11

## Setting the sawing angle

> Set the angle by loosening the locking knob [41] on mitre gauge [4].
The angle can be read from the scale.
> Fix the angle by tightening the locking knob [41].

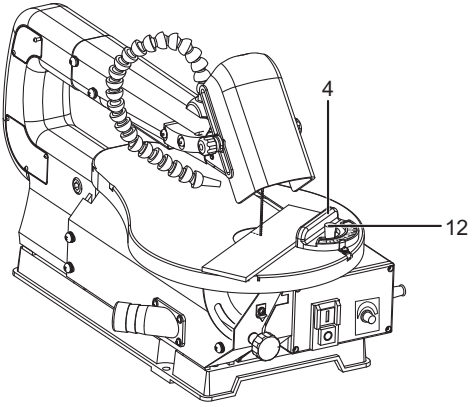



Fig. 12

In more detail...

## Sawing

**Warning: Product damage!**
Up to a power draw of 80 W, the product can be used in continuous mode. This is the case if thin and pliable materials are processed. If the product is placed under excessive load, used for particularly thick and hard materials, a break is required after 10 minutes of operation to allow the product to cool down again.

Saw blades wear out more quickly:
- When sawing plywood, which causes excessive wear.
- When sawing wood that is thicker than the blade stroke.
- When sawing hard wood.
- If lateral pressure is applied to the blade.

> The saw blade saws only during the downward movement.
> Reduce the feed when sawing thicker material.
> Hold the workpiece tightly in both hands and push it slowly towards the saw blade to prevent the blade breaking or rotating.
> To achieve an optimum result, the saw blade must be sharp. The saw blade wears out during operation and becomes blunt. Depending on the type of material, it should be replaced after approx. 0.5 to 2 hours of operation.
> The saw blade becomes heavily loaded especially when sawing radii. You should therefore avoid sharp changes of direction in order to prevent the saw blade from rotating and cracking. For sharp edges, drill a hole at the corresponding point, from which you can saw the edge, before you start sawing.
> Also for sawing internal contours, first drill a hole through which you can thread and tension the saw blade. The closed internal contour can then be sawn out. (Fig. 13)
> Use the correct saw blade. Base your choice of saw blade on the thickness and type of material and the cut you require. Generally speaking: the thinner and harder the material, the finer the teeth of the saw blade. Use a narrow blade for sawing sharp curves.
> The blade speed regulator of the product allows you to saw synthetic materials, as well as wood. Always use saw blades and a stroke rate setting suitable for the material.

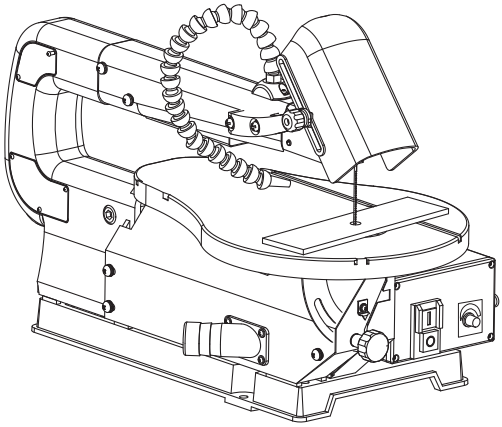


Fig. 13

## The golden rules for care

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

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

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

## General cleaning

> Remove saw chips with a commercially available vacuum cleaner.
> Clean the product with a cloth that has been moistened with clear water (using a dishwashing detergent if necessary). Then wipe dry.
> Do not use abrasive or sharp objects or aggressive detergents.

## Lubrication

The product needs no additional lubrication.

## Plug replacement

If you need to replace the fitted plug then follow the instructions below.
**Important**
The wires in the mains lead are coloured in accordance with the following code:
**Green & yellow - Earth**
**Blue - Neutral**
**Brown - Live**
As the colours of the wires 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 **green & yellow** must be connected to the terminal which is marked with **E** or ⏚.
The wire which is coloured **blue** must be connected to the terminal which is marked with **N**. The wire, which is coloured brown, must be connected to the terminal, which is marked with the letter **L**.

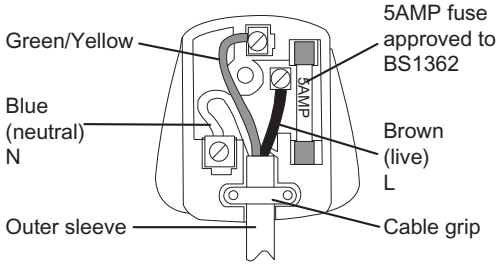



Fig. 14

**Warning:** Never connect live or netutral wires to the earth terminal of the plug. Only fit an approved 5 Amp BS1363/A plug and the correct rated fuse.

**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.
If the supply cord is damaged it must be replaced by a service agent or a similarly qualified person in order to avoid hazard.

## Repair

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

**Warning: Risk of injury!**
Store the product so that it cannot be switched on by unauthorized persons.
Ensure that nobody can injure themselves on the product while it is stationary.

**NOTE: Product damage!**
Do not store the product unprotected in a humid environment.

> Always store the product in a dry place.
> Always store the product in a place that is inaccessible to children.
> Store the product, operating instructions and where necessary the accessories in the original packaging. In this way you will always have all the information and parts ready to hand.

## Transportation

> Switch the product off and disconnect it from power supply before transporting it anywhere.
> Protect the product from any heavy impact or strong vibrations which may occur during transportation in vehicles.
> Secure the product to prevent it from slipping or failing over.

# Troubleshooting

**DANGER: Danger of death!**
Improper repairs can result in the product functioning unsafely. This endangers yourself and your environment.

If you can't fix a fault yourself, please contact a local seller. Please be aware that any improper repairs will also invalidate the warranty and additional costs may be incurred.

## 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.

# TITAN

## Declaration of Conformity

We, Importer
**Kingfisher International Products B.V.**
**Rapenburgerstraat 175E 1011 VM Amsterdam**
**The Netherlands**

Declare that the product:
**Designation: 410mm Scroll Saw**
**Model: TTB703SSW**

Complies with the following Directives:
**2014/30/EU** Electromagnetic Compatibility Directive
**2006/42/EC** Machinery Directive
**2011/65/EU, (EU) 2015/863** Restrictions of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment
**2012/19/EU** Waste Electrical and Electronic Equipment (WEEE)
Regulation (EC) No 1907/2006, concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

Standards and technical specifications referred to:

**EN 61029-1:2009+A11**
**EN ISO 12100:2010**
**EN 55014-1:2017**
**EN 55014-2:2015**
**EN 61000-3-2:2014**
**EN 61000-3-3:2013**

This statement covers machines whose number series is between 1 and 10000.

**Authorised Signatory and technical file holder**
Date : 10/09/2019

Signature:_____

CE

Name / title: Eric Capotummino / Group Quality Director
Kingfisher International Products B.V.
Rapenburgerstraat 175E 1011 VM Amsterdam
The Netherlands

TITAN

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