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Never dispose of electrical equipment or batteries in with your domestic waste. If your supplier offers a disposal facility please use it or alternatively use a recognised re-cycling agent. This will allow the recycling of raw materials and help protect the environment.

FOR HELP OR ADVICE ON THIS PRODUCT PLEASE CONTACT YOUR DISTRIBUTOR,
OR SIP DIRECTLY ON:
TEL: 01509500400
EMAIL: sales@sip-group.com or technical@sip-group.com
www.sip-group.com

Ref: 040919

Sip
SIP INDUSTRIAL

machinery specialists since 1968

10" Wood Bandsaw



01475

Original Instructions

Please read and fully understand the instructions in this manual before operation. Keep this manual safe for future reference.

DECLARATION OF CONFORMITY

Declaration of Conformity

We

SIP (Industrial Products) Ltd
Gelders Hall Road
Shepshed
Loughborough
Leicestershire
LE12 9NH
England

As the manufacturer's authorised representative within the EC
declare that the

10" Wood Bandsaw - SIP Part No. 01475

Conforms to the requirements of the following directive(s), as indicated.

2006/42/EC	Machinery Directive
2014/30/EU	EMC Directive
2011/65/EU	RoHS Directive

And the following harmonised standard(s)

EN 55014-1:2017
EN 55014-2:2015
EN 61000-3-2:2014
EN 61000-3-3:2013

Signed:


Mr P. Ippaso - Director - SIP (Industrial Products) Ltd
Date: 18/06/2019.



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SAFETY SYMBOLS USED THROUGHOUT THIS MANUAL



Danger / Caution: Indicates risk of personal injury and/or the possibility of damage.



Warning: Risk of electrical injury or damage!



Note: Supplementary Information.

SAFETY INSTRUCTIONS



Important: Please read the following instructions carefully, failure to do so could lead to serious personal injury and / or damage to the saw.

When using electric tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury.

Read all these instructions before operating the saw and save this user manual for future reference.

SIP recommends that this saw should **not** be modified or used for any application other than that for which it was designed. If you are unsure of its relative applications do not hesitate to contact us and we will be more than happy to advise you.

KNOW YOUR SAW: Read and understand the owner's manual and labels affixed to the tool. Learn its applications and limitations, as well as the potential hazards specific to this saw.

KEEP WORK AREA CLEAN AND WELL LIT: Cluttered work benches and dark areas invite accidents; Floors must not be slippery due to oil, water or sawdust etc.

DO NOT OPERATE THE SAW IN DANGEROUS ENVIRONMENTS: Do not operate the saw in damp or wet locations, or expose it to rain. Provide adequate space surrounding the work area. Do not use in environments with a potentially explosive atmosphere.

KEEP CHILDREN AND UNTRAINED PERSONNEL AWAY FROM THE WORK AREA: All visitors should be kept at a safe distance from the work area.

STORE TOOLS SAFELY WHEN THEY ARE NOT IN USE: All tools should be stored in a dry, locked cupboard wherever possible and out of the reach of children.

WEAR THE CORRECT CLOTHING: Do not wear loose clothing, neckties, rings, bracelets, or other jewellery, which may get caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair. Roll long sleeves up above the elbow.

NOTES

PARTS LIST

Ref No.	Description	SIP Part No.
1.	Long beam	WD02-01007
2.	Bolt M6X35	WD02-01008
3.	Washer	WD02-01009
4.	Nut M8	WD02-01010
5.	Short Beam	WD02-01011
6.	Nut M6	WD02-01012
7.	Bolt M8X16	WD02-01013
8.	Washer	WD02-01014
9.	Short Bracket	WD02-01015
10.	Long Bracket	WD02-01016
11.	Leg	WD02-01017
12.	Rubber Foot	WD02-00816

SAFETY INSTRUCTIONS...cont

USE SAFETY GOGGLES AND EAR PROTECTION ETC: Wear CE approved safety goggles at all times, Normal spectacles only have impact resistant lenses, they are **NOT** safety glasses. A face or dust mask should be worn if the operation is dusty and ear protectors (plugs or muffs) should be worn, particularly during extended periods of operation.

PROTECT YOURSELF FROM ELECTRIC SHOCK: When working with power tools, avoid contact with any earthed items (e.g. pipes, radiators, hobs and refrigerators, etc.). It is advisable wherever possible to use an RCD (residual current device) at the mains socket.

STAY ALERT: Always watch what you are doing and use common sense. Do not operate the saw when you are tired or under the influence of alcohol or drugs.

DISCONNECT THE SAW FROM THE MAINS SUPPLY: When not in use, before servicing and when changing accessories such as blades etc.

AVOID UNINTENTIONAL STARTING: Make sure the switch is in the **OFF** position before connecting the tool to the mains supply.

NEVER LEAVE THE TOOL RUNNING / CONNECTED WHILST UNATTENDED: Turn the saw off and disconnect it from the mains supply between jobs; Do not leave machine until it comes to a complete stop.

DO NOT ABUSE THE MAINS LEAD: Never carry the saw by the mains lead or pull it to remove the plug from the mains socket. Keep the mains lead away from heat, oil and sharp edges. If the mains lead is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid unwanted hazards.

CHECK FOR DAMAGED PARTS: Before every use of the saw, a guard or other part that is damaged should be carefully checked to determine that it will operate correctly and perform its intended function. Check for alignment of moving parts, free running of moving parts, breakage of parts, and any other conditions that may affect its operation. A guard or other part that is damaged should be correctly repaired or replaced by an authorized service centre unless otherwise indicated in this instruction manual. Have defective switches replaced by an authorized service agent. Do not use the tool if the switch does not turn it on and off.

KEEP ALL GUARDS IN PLACE: And in full working order.

MAINTAIN THE SAW WITH CARE: Keep the saw clean for the best and safest performance. Follow instructions for lubricating and changing accessories. All extension cables must be checked at regular intervals and replaced if damaged. Always keep the hand grip on the tool clean, dry and free of oil and grease.

USE ONLY RECOMMENDED ACCESSORIES: Consult this user manual for recommended accessories. Follow the instructions that accompany the accessories. The use of improper accessories may cause hazards and will invalidate any warranty you may have.

REMOVE ADJUSTING KEYS AND WRENCHES: Form a habit of checking to see that keys and adjusting wrenches are removed from the tool before every use.

SECURE THE WORKPIECE: Use clamps or a vice to hold the workpiece. This frees up both hands to operate the tool.

DO NOT OVERREACH: Keep proper footing and balance at all times.

SAFETY INSTRUCTIONS...cont

DO NOT FORCE THE SAW: It will do the job better and more safely at the rate which it was designed.

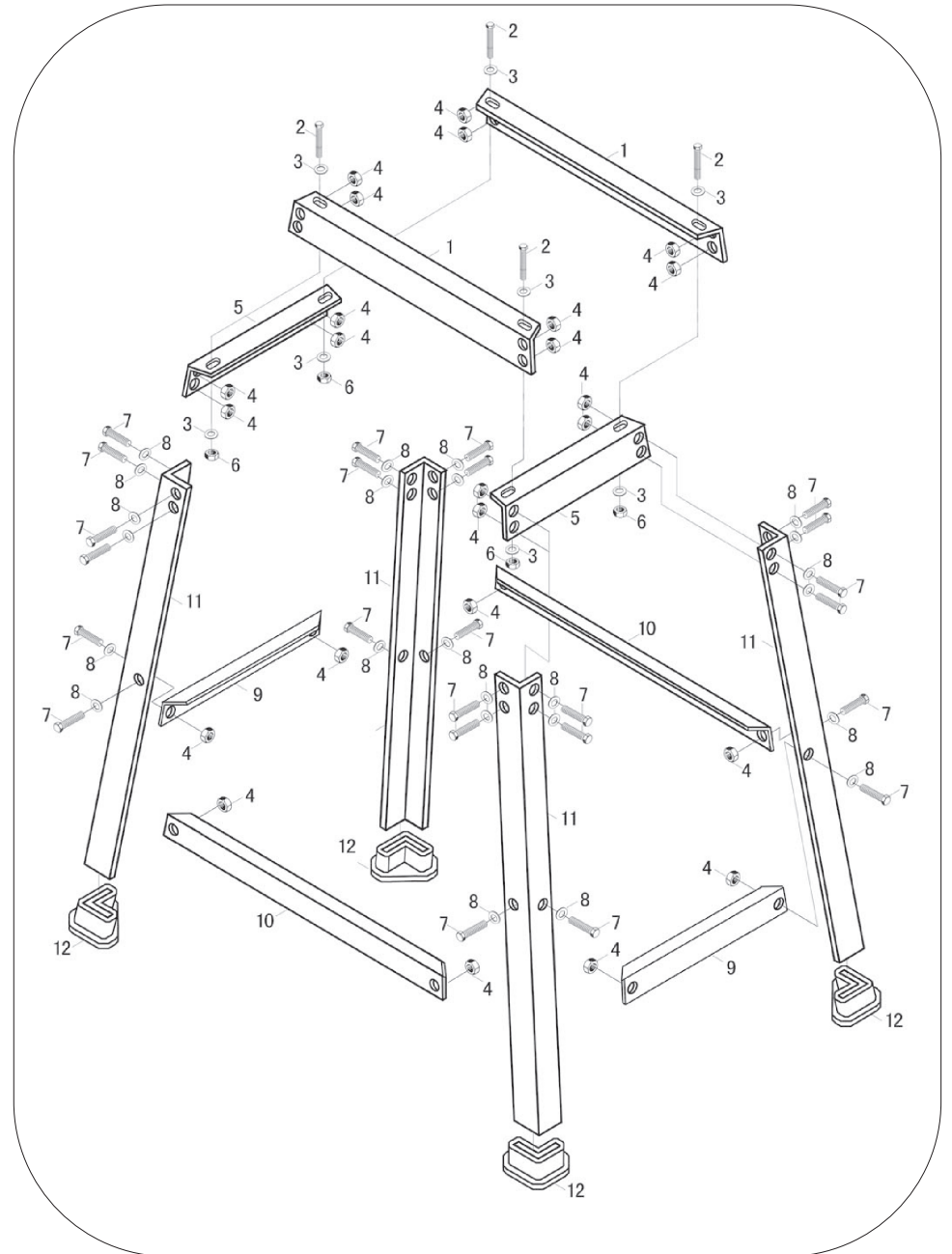
DO NOT OPERATE THE SAW IN EXPLOSIVE ATMOSPHERES: Do not use the tool in the presence of flammable liquids, gases, dust or other combustible sources. The motor may create sparks during normal operation which can ignite the dust or fumes.

HAVE YOUR SAW REPAIRED BY A QUALIFIED PERSON: The saw is in accordance 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.

- If the workpiece or blade becomes jammed, turn the saw off. Wait for all moving parts to stop and disconnect the plug from the power source. Then work to free the jammed material. Continued sawing with a jammed workpiece could cause loss of control or damage to the saw.
- Hold the handle firmly when making an incomplete cut or when releasing the switch before the saw head is completely in the down position. The braking action of the saw may cause the saw head to be suddenly pulled downward, causing a risk of injury.
- Let the blade reach full speed before contacting the workpiece. This will reduce the risk of the workpiece being thrown.
- After finishing the cut, release the switch, hold the saw head down and wait for the blade to stop before removing the cut-off piece. Reaching with your hand near the coasting blade is dangerous. Do not use another person as a substitute for a table extension or as additional support. Unstable support for the workpiece can cause the blade to bind or the workpiece to shift during the cutting operation pulling you and the helper into the spinning blade.
- Always use a clamp or a fixture designed to properly support round material such as rods or tubing. Rods have a tendency to roll while being cut, causing the blade to "bite" and pull the work with your hand into the blade.
- Inspect your workpiece before cutting. If the workpiece is bowed or warped, clamp it with the outside bowed face toward the fence. Always make certain that there is no gap between the workpiece, fence and table along the line of the cut. Bent or warped workpieces can twist or shift and may cause binding on the saw blade while cutting. There should be no nails or foreign objects in the workpiece.
- The cut-off piece must not be jammed or pressed by any means against the spinning saw blade. If confined, i.e. using length stops, the cut-off piece could get wedged against the blade and thrown violently.
- Cut only one workpiece at a time. Stacked multiple workpieces cannot be adequately clamped or braced and may bind on the blade or shift during cutting.
- Do not use the saw until the table is clear of all tools, wood scraps, etc., except for the workpiece. Small debris or loose pieces of wood or other objects that contact the blade can be thrown with high speed.

EXPLODED DRAWING

FLOOR STAND



PARTS LIST...cont

Ref No.	Description	SIP Part No.
92.	Bearing nut	WD02-00789
93.	Bearing frame for upper guide	WD02-00790
94.	Connecting frame	WD02-00791
95.	Connecting axle for upper guide	WD02-00792
96.	Connecting axle for lower guide	WD02-00793
97.	Fixing frame	WD02-00794
98.	Block for fixing frame	WD02-00795
99.	Bearing frame for lower guide	WD02-00796
100.	Hexagon nut M4	WD02-00797
101.	Touch board	WD02-00798
103.	Lower door	WD02-00799
104.	Upper door	WD02-00800
105.	Column cover	WD02-00801
106.	Cross recessed pan head screw M4X30	WD02-00802
107.	Hexagon head bolt M6X50	WD02-00803
108.	Rubber jacket	WD02-00804
109.	Cable gland	WD02-00805
110.	Knob for door	WD02-00806
111.	Hexagon socket cap head screw M5X18	WD02-00807
112.	Locknut with plastic insert M5	WD02-00808
113.	Micro-switch	WD02-00809
114.	Locknut with plastic insert M8	WD02-00810
115.	Locknut with flange surface M6	WD02-00811

SAFETY INSTRUCTIONS...cont

- Provide adequate support such as table extensions, roller stands, etc. for a workpiece that is wider or longer than the table top. Workpieces longer or wider than the saw table can tip if not securely supported.
- Never cross your hand over the intended line of cutting either in front or behind the saw blade. Supporting the workpiece "cross handed" i.e. holding the workpiece to the right of the saw blade with your left hand or vice versa is very dangerous.
- Ensure the saw is mounted or placed on a level, firm work surface before use. A level and firm work surface reduces the risk of the saw becoming unstable.
- Use clamps to support the workpiece whenever possible. If supporting the workpiece by hand, you must always keep your hand at least 100 mm from either side of the saw blade. Do not use this saw to cut pieces that are too small to be securely clamped or held by hand. If your hand is placed too close to the saw blade, there is an increased risk of injury from blade contact.
- Push the saw through the workpiece. Do not pull the saw through the workpiece. To make a cut, raise the saw head and pull it out over the workpiece without cutting, start the motor, press the saw head down and push the saw through the workpiece. Cutting on the pull stroke is likely to cause the saw blade to climb on top of the workpiece and violently throw the blade assembly towards the operator.
- Ensure that the table base is properly secured so it will not move during operation.
- Make sure that all keys and wrenches are removed before switching on the saw.
- Keep hands out of path of saw blade, never reach around saw blade.
- Be sure that the blade does not come into contact with the table and / or table insert when the blade is in operation.
- Make sure the blade is clear of the workpiece before the switch is turned on.
- Stay alert at all times, especially during repetitive, monotonous operations. Don't be lulled into a false sense of security - Blades are extremely unforgiving.
- Before making the first cut using the saw, turn the blade by hand to ensure nothing is catching, then turn the saw on and let it run for a while; Watch for vibration or wobbling that could indicate poor installation or a poorly balanced blade. Adjust or replace as necessary.
- Stop operation immediately if you notice anything abnormal.
- Do not modify the saw to do tasks other than those intended.
- Turn off the saw and wait for it to complete stop before moving workpiece or changing settings.
- Wait for the saw blade to stop completely and remove from mains supply before servicing or adjusting tool.
- Understand the operating environment; Before each use the operator should assess, understand and where possible reduce the specific risks and dangers associated with the operating environment.
- Bystanders should also be made aware of any risks associated with the operating environment.

SAFETY INSTRUCTIONS....cont

- The work area should be well lit so that it is bright enough to eliminate shadows and prevent eye strain.
- Electrical circuits should be dedicated to or large enough to handle combined the input currents.
- Mains outlets should be located near each machine so extension leads are not obstructing high traffic areas.
- Always use a push stick when straight cutting small workpieces using the fence.
- Keep the push stick within easy reach during operation; Do not place the push stick where the operator would have to reach near or around the saw blade.
- Always set the blade guide at its lowest position as close to the table as possible when moving or transporting the bandsaw.
- Do not pull on or use any guards in any way to move or transport the saw.
- Always place the rip-fence on the lower side of the table when bevel-cutting with the table inclined.
- Always use a suitable holding device when cutting round or irregular shaped timber to prevent twisting of the workpiece.
- During operation always set the blade guide as close to the workpiece as practicable.

Blade Safety:

- Use only blades that are correctly sized for the saw.
- Never use cracked or distorted saw blades - Only use sharp saw blades in good condition.
- Do Not use blades that are deformed or have missing teeth, this is highly dangerous and could result in a serious accident to the operator and bystanders as well as damaging the machine.
- Ensure that the directional arrow, if marked on the blade corresponds with the rotational direction of the motor, the teeth of the blade should always point downward when viewed from the front of the saw.
- Release the blade tension, when the machine is not in use.
- Always wear gloves and eye protection when fitting or removing blades.
- Always uncoil blades in spacious areas, away from other people, and take great care.
- Always keep looped blades secure with tie wires.
- Always keep fingers away from moving blades.

PARTS LIST....cont

Ref No.	Description	SIP Part No.
61.	Worktable ruler	WD02-00759
62.	Worktable	WD02-00760
63.	Insert	WD02-00761
64.	Cap Head Screw M6X28	WD02-00762
65.	Step bolt M6X30	WD02-00763
66.	Strip washer	WD02-00764
67.	Upper table trunnion	WD02-00765
68.	Pointer	WD02-00766
69.	Knob mitre gauge	WD02-00767
70.	Mitre gauge	WD02-00768
71.	Guide board	WD02-00769
72.	Flat head screw M5 X6	WD02-00770
73.	Cross recessed tapping screw ST5 X16	WD02-00771
74.	Rip fence	WD02-00772
75.	Lock frame for rip fence	WD02-00773
76.	Locknut for rip fence	WD02-00774
77.	Washer	WD02-00775
78.	Spring pin Ø3X18	WD02-00776
79.	Lock handle for rip fence	WD02-00777
80.	Sleeve for lock handle	WD02-00778
81.	Washer block	WD02-00779
82.	Spring	WD02-00780
83.	Lock plate for rip fence	WD02-00781
84.	Lock rod for rip fence	WD02-00782
85.	Step bolt M8 X20	WD02-00783
86.	Elastic strip washer	WD02-00714
87.	Guide block	WD02-00784
88.	Guide pole	WD02-00785
89.	Protect board	WD02-00786
90.	Hexagon socket cap head screw M6 X18	WD02-00787
91.	Bearing 80026	WD02-00788

Ref No.	Description	SIP Part No.
30.	Cross recessed pan head screw M5X10	WD02-00729
31.	Washer	WD02-00730
32.	Left safety cover	WD02-00731
33.	Lower table trunnion	WD02-00732
34.	Large washer	WD02-00733
35.	Thumb nut M6	WD02-00734
36.	Motor wheel	WD02-00735
37.	Hexagon socket set screw M6 X10	WD02-00736
38.	Motor	WD02-00737
39.	Large washer	WD02-00738
40.	Spring washer	WD02-00739
41.	Hexagon socket cap head screw M8 X30	WD02-00740
42.	Lower wheel axle	WD02-00741
43.	Hexagon head bolt M6 X20	WD02-00742
44.	Right safety cover	WD02-00743
45.	Press board of wire	WD02-00744
46.	Drive belt	WD02-00746
47.	Belt wheel	WD02-00746
48.	Lower saw wheel	WD02-00746
49.	Lock washer external teeth 5	WD02-00747
50.	Step bolt M6 X16	WD02-00748
51.	Step bolt M8 X70	WD02-00749
52.	Brush	WD02-00750
53.	Brush sleeve	WD02-00751
54.	Locknut with flange surface M8	WD02-00752
55.	Cross recessed pan head screw M4 X12	WD02-00753
56.	Switch	WD02-00754
57.	Cross recessed pan head screw M4 X 6	WD02-00755
58.	Washer	WD02-00756
59.	Star washer	WD02-00757
60.	Knob	WD02-00758

SAFETY SYMBOLS ON THE SAW

Ensure that the operator reads and understands all of the warnings in the instruction manual.



Do not wear loose clothing.

Wear the correct PPE during operation; Ear, Eye and respiratory protection.

Sharp hazard warning.

Do not wear gloves.

Unplug the saw when not in use.



Caution: The warnings and cautions mentioned in this user manual can not cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be applied.

TECHNICAL SPECIFICATIONS

Part number	01475
Input voltage	230V ~ 50hz
Power	370 W
No load speed	13 m/s
Maximum Cutting Width	245 mm
Blade Length	1750 mm
Blade Width	6 - 13 mm
Maximum Cutting Height	100 mm
Table Size	350 mm (W) x 330 mm (D)
Table Tilt	0° - 45°
Table Working Height	1000 mm
Extraction Port Ø	100 mm
Protection (IP Rating)	IP40
Sound Pressure Level (LpA) *	87.0 dB(A)
Sound Power Level (LwA) *	88.0 dB(A)
Net Weight	38 Kg
Gross Weight	41 Kg

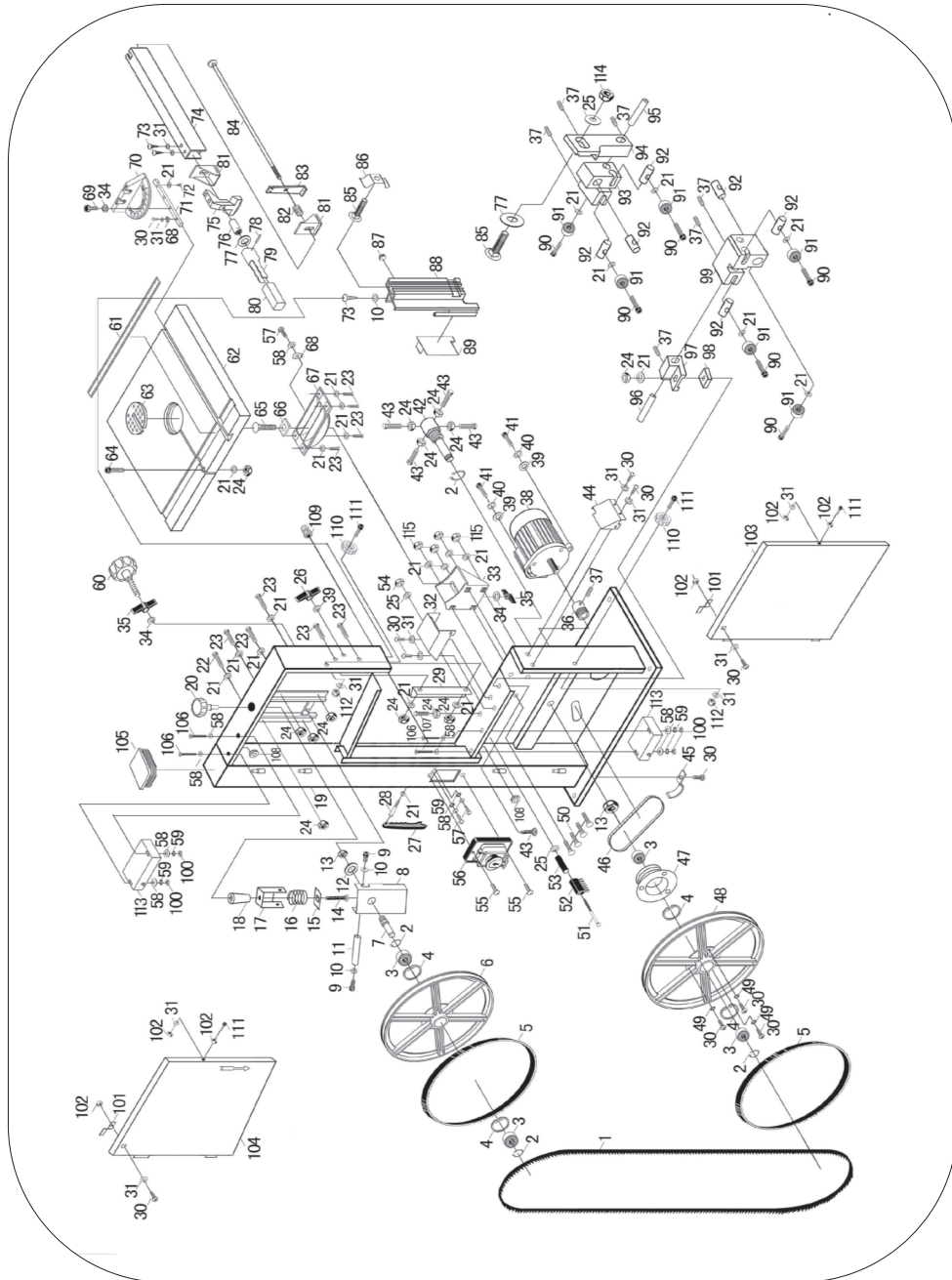
*3dB uncertainty.

PARTS LIST

Ref No.	Description	SIP Part No.
*1.	Blade 1750 x 6.3 x 0.35mm 6TPI	09440
*1.	Blade 1750 x 9.5 x 0.35mm 6TPI	09442
*1.	Blade 1750 x 12.7 x 0.52mm 4TPI	09444
2.	Circlip D12	WD02-00701
3.	Bearing 80101	WD02-00702
4.	Circlip D28	WD02-00703
5.	Rubber Belt For Wheel	WD02-00704
6.	Upper Wheel	WD02-00705
7.	Upper Wheel Axle	WD02-00706
8.	Saddle of upper wheel	WD02-00707
9.	Hexagon socket cap head screw M5X12	WD02-00708
10.	Large washer	WD02-00709
11.	Upper wheel sliding axle	WD02-00710
12.	Washer	WD02-00711
13.	Hexagon nut M14X1.5	WD02-00712
14.	Step bolt M8 X105	WD02-00713
15.	Strip washer	WD02-00714
16.	Upper wheel spring	WD02-00715
17.	Slot steel for sliding axle	WD02-00716
18.	Tension rod	WD02-00717
19.	Saw body	WD02-00718
20.	Adjusting knob	WD02-00719
21.	Washer	WD02-00720
22.	Hexagon head bolt M6 X16	WD02-00721
23.	Hexagon head bolt M6 X12	WD02-00722
24.	Hexagon nut M6	WD02-00723
25.	Washer	WD02-00724
26.	Thumb nut M8	WD02-00725
27.	Push stick	WD02-00726
28.	Bolt for push stick	WD02-00727
29.	Angle block	WD02-00728

EXPLODED DRAWING

MAIN



ELECTRICAL CONNECTION

Warning! It is the responsibility of the owner and the operator to read, understand and comply with the following:

You must check all electrical products, before use, to ensure that they are safe. You must inspect power cables, plugs, sockets and any other connectors for wear or damage.

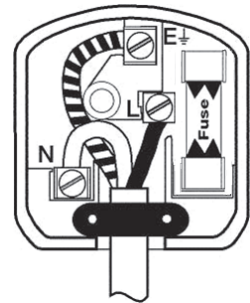
You must ensure that the risk of electric shock is minimised by the installation of appropriate safety devices; A residual current circuit Breaker (RCCB) should be incorporated in the main distribution board. We also recommend that a residual current device (RCD) is used. It is particularly important to use an RCD with portable products that are plugged into a supply which is not protected by an RCCB. If in any doubt consult a qualified electrician.

Connecting to the power supply:

This SIP wood bandsaw is fitted with a standard 230v ~ 13 amp type plug. Before using the saw, inspect the mains lead and plug to ensure that neither are damaged. If any damage is visible have the saw inspected / repaired by a suitably qualified person. If it is necessary to replace the plug a heavy duty impact resistant plug would be preferable.

The wires for the plug are coloured in the following way:

Yellow / green	Earth
Blue	Neutral
Brown	Live



As the colours of the wires may not correspond with the markings in your plug, proceed as follows: The wire which is coloured blue, must be connected to the terminal marked with N or coloured black (or blue). The wire which is coloured brown, must be connected to the terminal, which is marked L or coloured red (or brown). The wire which is coloured yellow / green should be connected to the terminal which is coloured the same or marked



Always secure the wires in the plug terminal carefully and tightly. Secure the cable in the cord grip carefully.

ELECTRICAL CONNECTIONcont



Warning: Never connect live or neutral wires to the earth terminal of the plug. Only fit an approved plug with the correct rated fuse. If in doubt consult a qualified electrician.



Note: Always make sure the mains supply is of the correct voltage and the correct fuse protection is used. In the event of replacing the fuse always replace the fuse with the same value as the original.

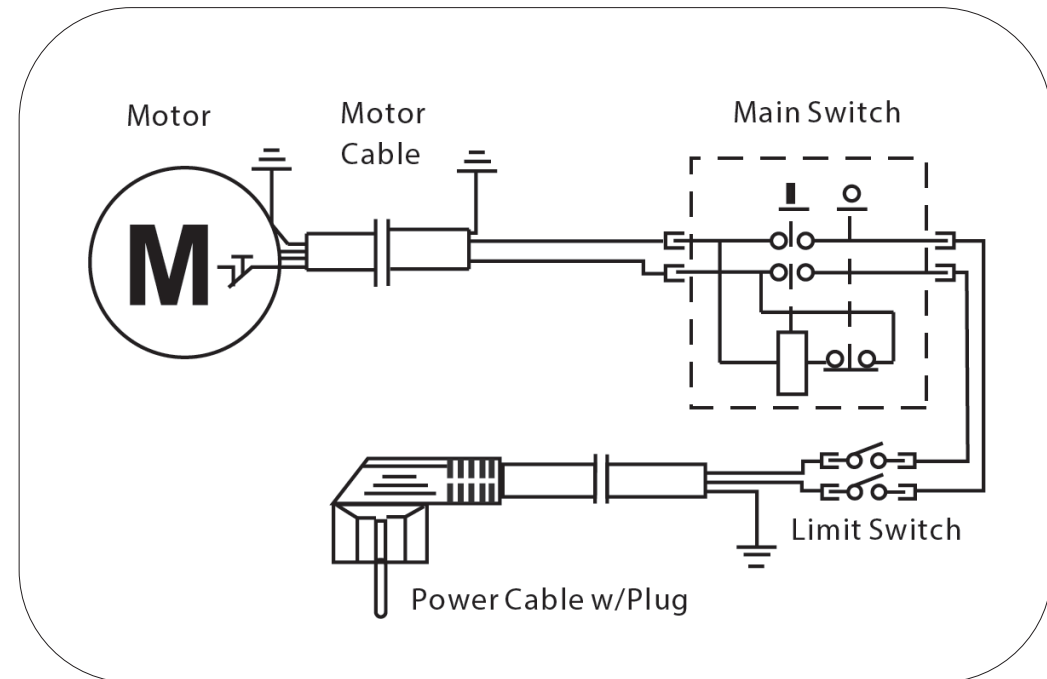


Note: If an extension lead is required in order to reach the mains supply; ensure that this too is rated for the correct voltage and fuse rating.



Note: If an extension lead is necessary in order to reach the mains supply; The cross section should be checked so that it is of sufficient size so as to reduce the chances of voltage drops. Always fully unwind the lead during use.

WIRING DIAGRAM



MAINTENANCE...cont

- Place the new belt over the motor drive pulley ensuring that the drive belt is fully located in the grooves in the pulley, replace the wheel in the reverse manner to removal ensuring that the drive belt is fully located in the grooves in both pulleys.
- With the new belt fitted, pivot the motor to tension the drive belt by applying pressure to the motor.
- When the correct tension has been achieved. Tighten the two bolts.

GENERAL INSPECTION

Cleaning and maintenance of this saw is mainly common sense some points for guidance are as follows:

- Regularly check that all the fixing screws are tight; They may vibrate loose over time.
- The mains lead of the saw and any extension lead used should be checked frequently for damage. If damaged, have the mains lead replaced by an authorised service facility. Replace the extension lead if necessary.
- Keep the air vents of the saw clear at all times.
- After each use brush off any wood chippings with a soft brush. Pay special attention to the inside of the dust extraction port as this is where there could be a large build up if left for extended periods.
- The motor of the saw should be cleared of any wood chippings as there would be a risk of fire if they are allowed to build up over time (a soft brush should be used to clear the motor).



Caution: Water must never come into contact with the saw.

CONTENTS & ACCESSORIES

- 10" Bandsaw.
- Instruction manual.
- Main Table.
- Floor Stand & fixings.
- NVR Switch Cover.
- Blade Tension Knob.
- Rip-Fence.
- Push Stick.
- Mitre Gauge.



Note: If any parts are missing; Contact your distributor as soon as possible.

GUARANTEE

This SIP bandsaw is covered by a 12 month parts and labour warranty covering failure due to manufacturers defects. This does not cover failure due to misuse or operating the saw outside the scope of this manual - any claims deemed to be outside the scope of the warranty may be subject to charges including, but not limited to parts, labour and carriage costs.

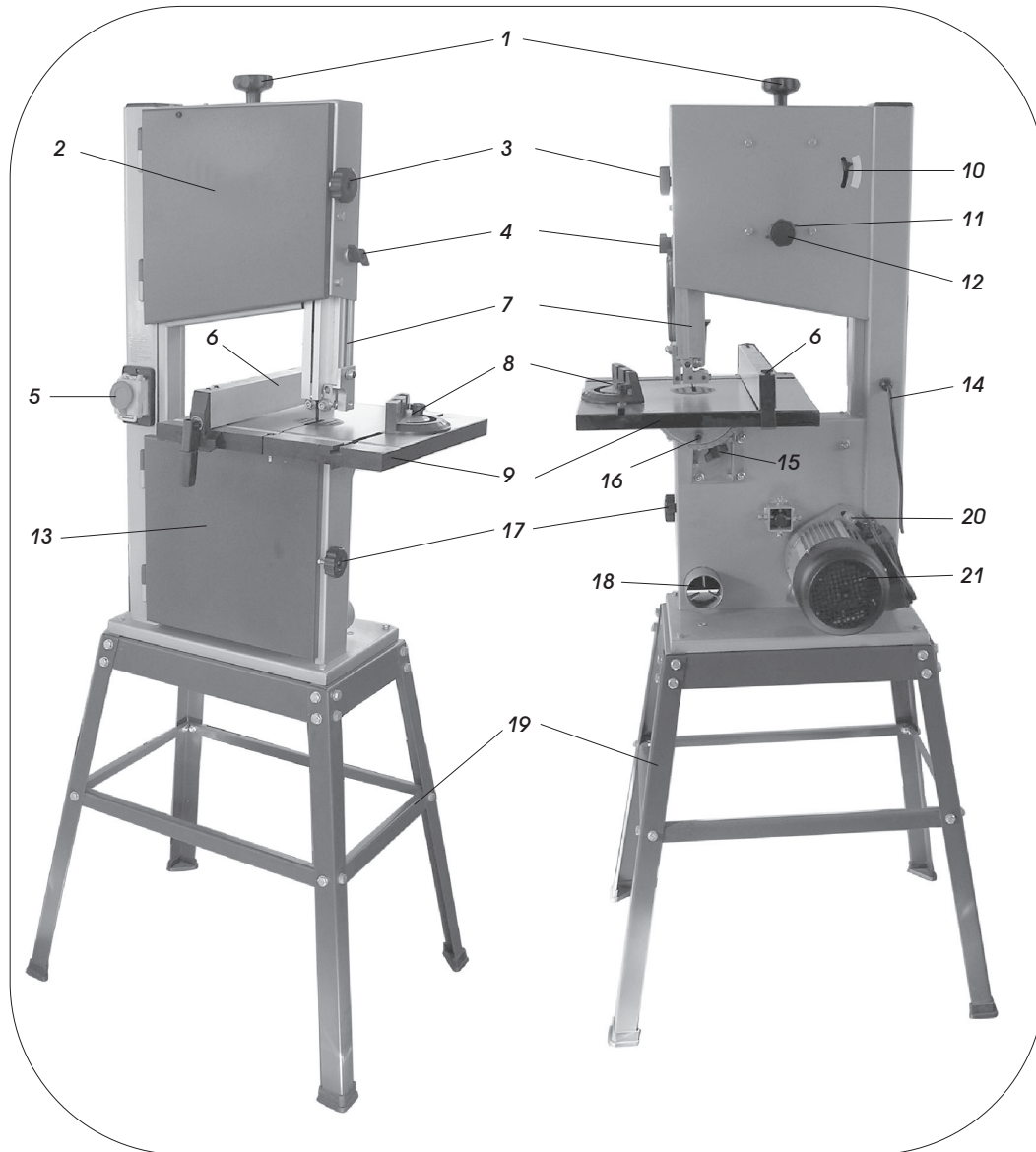
Consumable items such as fuses, belts, guide bearings and blades etc. are not covered by the warranty.

In the unlikely event of warranty claims, contact your distributor as soon as possible.



Note: Proof of purchase will be required before any warranty can be honoured.

GETTING TO KNOW YOUR SAW

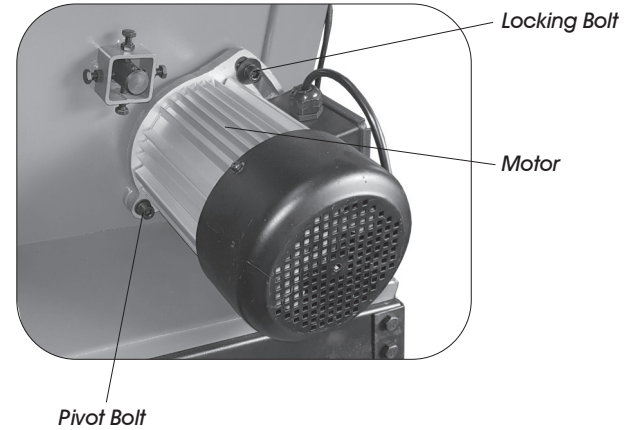


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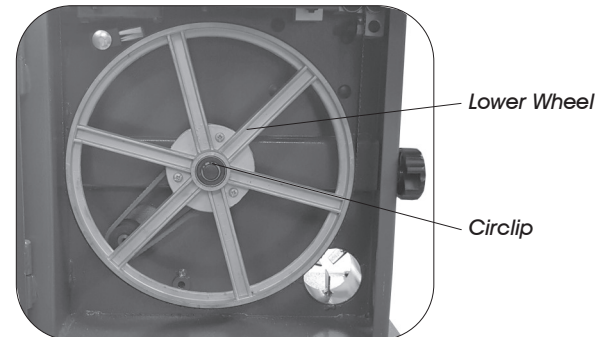
MAINTENANCE...cont

REPLACE THE DRIVE BELT

- Remove the blade (see changing the blade).
- Locate the motor on the right hand side of the machine when viewed from the rear.



- The motor is secured with two cap head bolts.
- Loosen both screws; The motor will now pivot on the lower screw releasing the tension on the drive belt.
- The drive belt runs on two pulleys, one on the motor shaft and the other on the rear of the lower blade Wheel.
- To replace the drive belt the lower blade wheel must be removed.
- Locate the circlip that is retaining the blade wheel on to the shaft and remove with a suitable pair of circlip pliers (retain the circlip for re fitting).
- Remove the blade wheel from the machine.

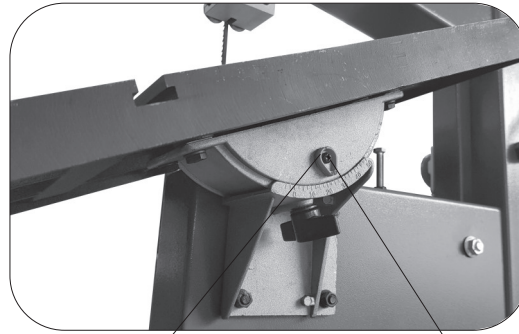
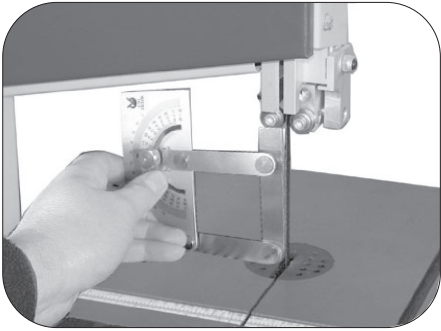


27

MAINTENANCE....cont

CHECKING AND SETTING THE TABLE ANGLE

- Place a suitable set square against the table and the blade.



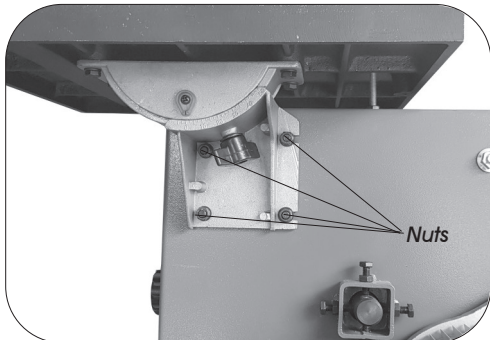
Pointer

Screw

- Loosen the table angle lock (18) and adjust the table until it is at a right angle to the blade.
- Retighten the angle lock (18).
- If necessary loosen the pointer securing screw on the trunnion scale and position the pointer to the 0° position.

CENTRE THE BLADE

- Place the table insert into the table centre hole.
- The blade should sit in the centre of the gap on the table insert, if it does not; Loosen 4 securing nuts (see below, left).
- Tap the edge of the table (either left or right depending on which way the table needs to go) with a mallet, or similar until the blade is in the correct position.
- Proceed to fully tighten the 4 nuts.

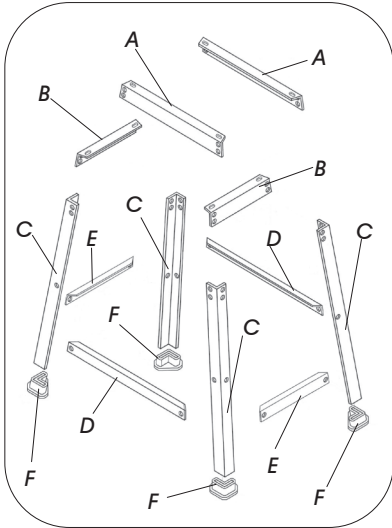


GETTING TO KNOW YOUR SAW....cont

Ref. No.	Description	Ref. No.	Description
1.	Blade Tension Knob	12.	Blade Tracking Adjust Lock
2.	Upper Door	13.	Lower Door
3.	Upper Door Lock	14.	Mains Lead
4.	Upper Blade Guide Lock	15.	Table Angle Lock
5.	Main On/Off Switch (NVR)	16.	Table Angle Indicator
6.	Rip Fence	17.	Lower Door Lock
7.	Upper Blade Guide	18.	Dust Extraction Port (100mm)
8.	Mitre Gauge	19.	Floor Stand
9.	Main Table	20.	Belt Tension Lock
10.	Blade Tension Guide	21.	Motor
11.	Blade Tracking Adjuster		

ASSEMBLY INSTRUCTIONS

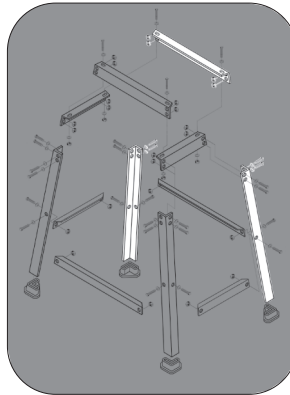
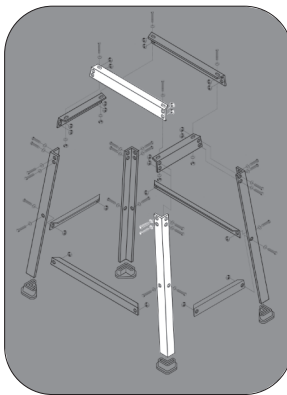
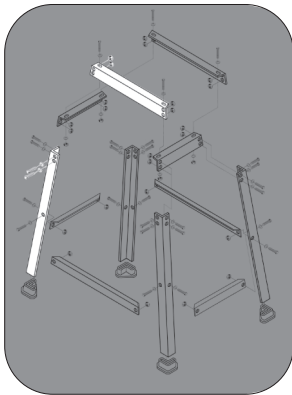
BUILD THE FLOOR STAND



- A: Top Supports (long) x 2.
- B: Top Supports (short) x 2.
- C: Legs x 4.
- D: Lateral Supports (long) x 2.
- E: Lateral Supports (short) x 2.
- F: Rubber Feet x 4.

Floor Stand Fixings.		
Ref. No.	Description	Qty.
1.	Bolt (M6x35)	4
2.	Washer (6mm)	8
3.	Nut (M8)	24
4.	Nut (M6)	4
5.	Bolt (M8x16)	24
6.	Washer (8mm)	24

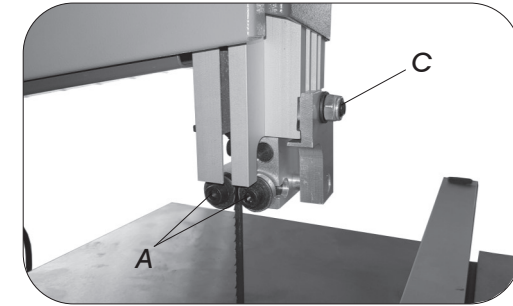
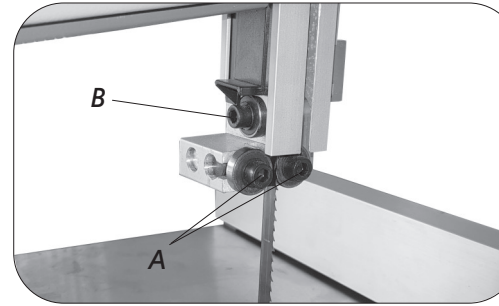
- Fit together 1x top support (long) (A) & 1x leg (C); Secure with 2 x M8x16 bolts, 2 x M8 nuts & 2 x 8mm washers (see below, left).
- Follow these instructions to fit a leg (A) to the opposite end of the top support (long) (C) (see below, centre).
- Fit the other 2 legs (C) to each end of the opposite top support (long) (A) (see below, right).



Note: Do not fully tighten the nuts / bolts at this point as some adjustments may be needed later.

MAINTENANCE...cont

Upper Guide:

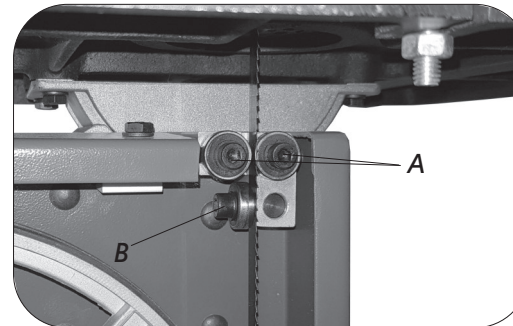


- To adjust the lateral support bearings; Use an appropriate hex. Wrench to loosen the bolts (A).
- Slide the bearing into position.
- Tighten the bolts (A) to secure the bearing into position.
- Follow these instructions to adjust the rear thrust bearing (B) into position.



Note: When wider blades are fitted it may be necessary to move the blade guide assemblies backwards using bolts (C) to ensure the blade guides are always in the correct position.

Lower Guide:

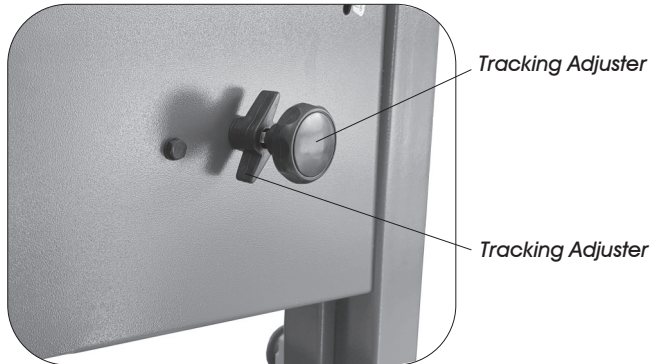


- To adjust the lateral support bearings; Open the lower door.
- Use an appropriate hex. Wrench to loosen the bolts (A).
- Slide the bearing into position.
- Tighten the bolts (A) to secure the bearing into position.
- Follow these instructions to adjust the rear thrust bearing (B) into position.

MAINTENANCE...cont

TRACKING THE BLADE

- Slowly rotate the upper wheel by hand ensuring that the blade runs in the centre of both blade wheels; If adjustment is necessary loosen the Blade Tracking Adjust Lock (12) and rotate the Blade Tracking Adjuster (11) in or out, whilst turning the upper wheel until the blade runs true.
- Then lock the Blade Tracking Adjust Lock (12).



SETTING THE BLADE GUIDES

The blade guides minimise blade movement while making a cut. The upper blade guide height should be set as close to the workpiece as possible.

- Loosen the blade guide height lock (4).
- Lower the blade guide (7) until it sits just above the workpiece.
- Secure in place by retightening the guide height lock (4).

The lateral support bearings (side) should set 0.5mm away from the sides of the blade. Position the rear thrust bearings approximately 3mm behind the blade. This will only come into contact with the blade as the workpiece is being cut.



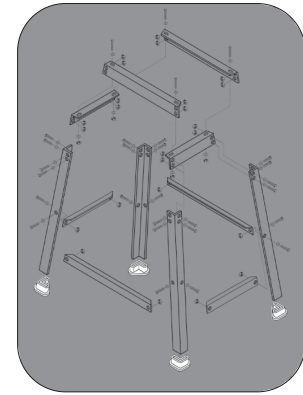
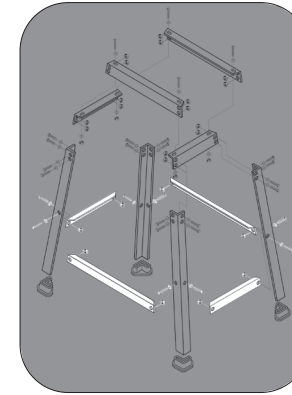
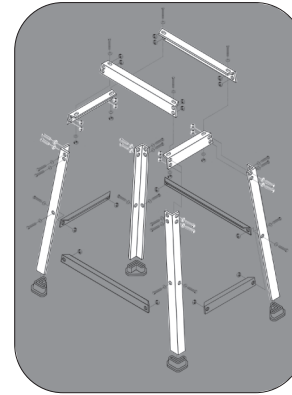
Note: When using narrow blades (6mm) the rear thrust bearings should be set so there is slight contact with the blade.



Note: Never allow the lateral support bearing to run on the teeth of the blade.

ASSEMBLY INSTRUCTIONS...cont

- Connect both of sides of the leg assembly together by attaching both top supports (short) (B) to each end; Secure with 8 x M8x16 bolts, 8 x M8 nuts & 8 x 6mm washers (see below, right).

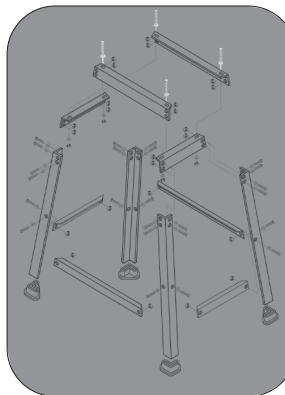


- Fit the lateral supports (long, D & short, E) to the legs (A); Secure using 8 x M8x16 bolts, 8 x 8mm washers & 8x M8 nuts (see above, centre).
- Finally push the rubber feet (F) onto the end of each leg (A) (see above, right).

FIT THE SAW TO THE FLOOR STAND



Caution: Due to the weight of the saw at least 2 persons are required to safely lift the saw into position.

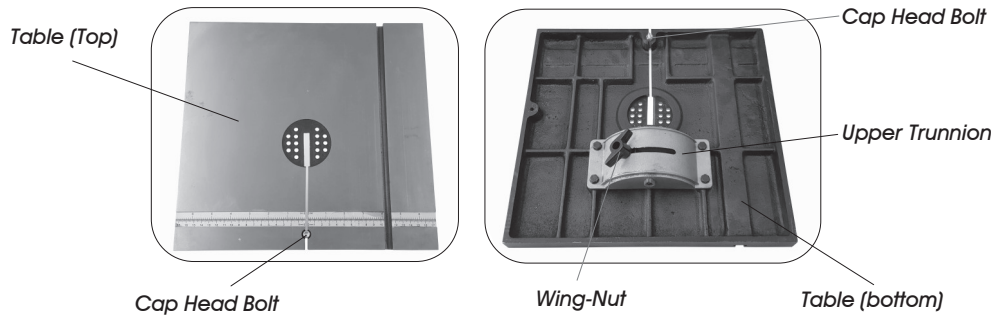


ASSEMBLY INSTRUCTIONS...cont

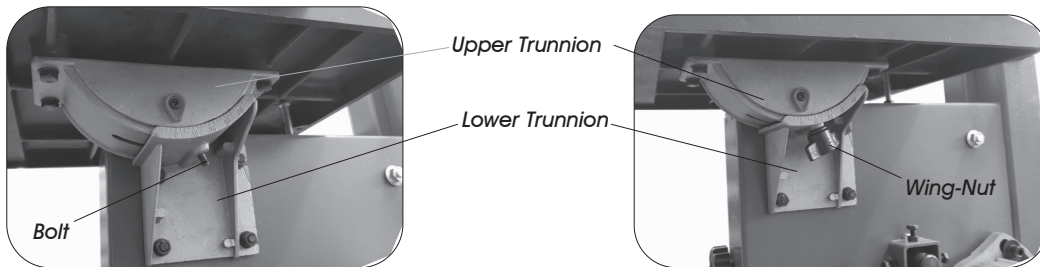
- Place the saw onto the built up floor stand.
- Ensure that the 4 holes on the base of the saw line up with those on top of the floor stand.
- Secure together using 4 x M6x35 bolts, 4 x 6mm washers and 4 x M6 nuts (see page 16).
- Ensure that everything is level and proceed to fully tighten all of the nuts and bolts on the floor stand.

FIT THE TABLE

- Remove the cap head bolt from the gap in the table.
- Remove the wing-nut from the bottom of the upper trunnion on the bottom of the table.



- Place the table onto the lower table trunnion.



Note: Ensure that the bolt goes through the hole in the lower trunnion.

- Refit and tighten the Wing-Nut.

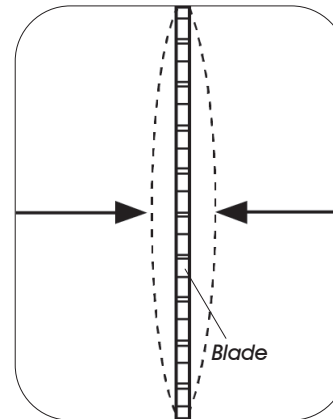
MAINTENANCE

CHANGING THE BLADE

- Open both the upper and lower doors.
- Remove the cap head bolt from the front edge of the blade slot.
- Turn the blade tension knob anti-clockwise until there is sufficient play on the blade for it to be removed.
- Remove the blade from the machine taking care to avoid the sharp teeth.
- Replace the blade in the reverse manner ensuring that the teeth point downwards when viewed from the front of the machine and that the screw is replaced at the front of the blade slot.
- Re-tension the blade by rotating the blade tension knob clockwise; The blade is at the correct tension if it can be moved approximately 10mm sideways with moderate hand pressure.
- Check that the blade is running in the correct position on the wheels (tracking the blade); Slowly rotate the upper wheel by hand ensuring that the blade runs in the centre of both blade wheels. If adjustment is necessary, see 'Tracking The Blade'.
- If necessary reset the blade guides, see 'setting the blade guides'.



Danger: Take care when rotating the blades that you do not touch the blade, and that the blade does not fall from either wheel.

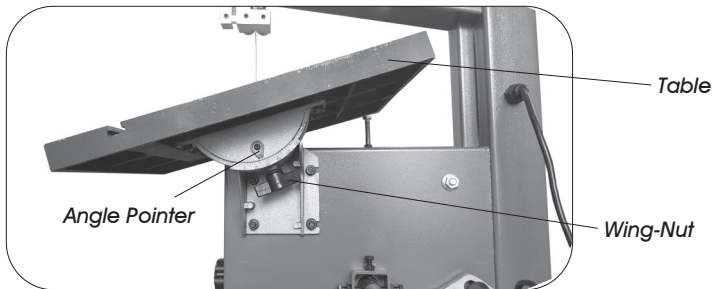


OPERATING INSTRUCTIONS...cont

SET THE TABLE ANGLE

The table can be set to any angle between 0° and 45°.

- Loosen the wing-nut on the bottom of the table trunnion.
- Move the table to the required angle as shown on the angle indicator.
- Retighten the wing-nut to secure the table at the desired angle.



Note: A compound mitre cut can also be performed by using the mitre gauge; Adjust both angles (Table and Mitre Gauge) away from 90°.

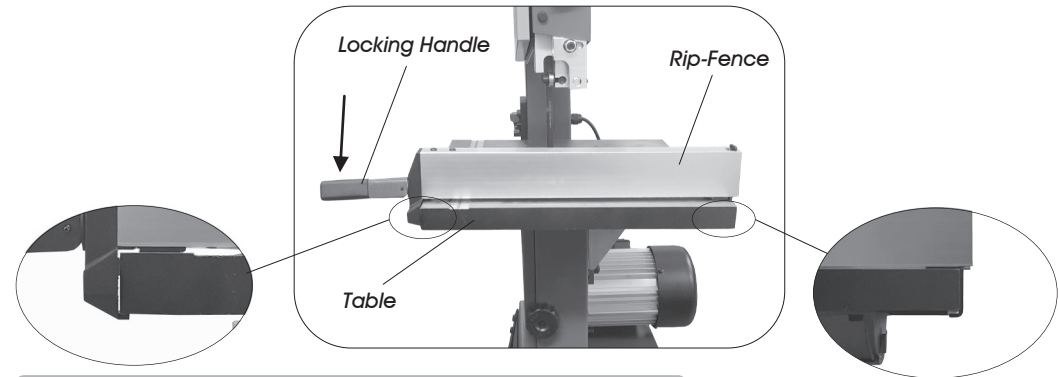
STARTING THE SAW

- Once all of the required cutting parameters have been adjusted and set, the saw is ready for operation.
- Lift the red emergency stop cover .
- Press the green On (I) switch and the blade will start.
- When the cut is complete, press the red Off (O) switch, or press the emergency stop cover to stop the blade.

ASSEMBLY INSTRUCTIONS...cont

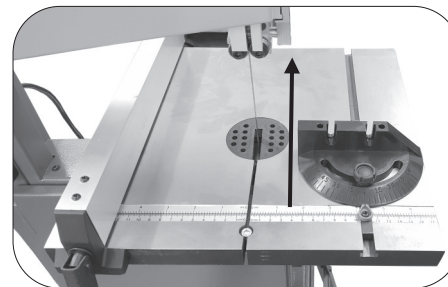
FIT THE RIP-FENCE

- Slide the rip fence over either side of the main table; Line up the rip fence retainers at either end of the rip fence with the main table.
- Secure in place by pressing down on the rip fence locking handle.



FIT THE MITRE GAUGE

- Slide the mitre gauge into the channel on the main table.



FIT THE SWITCH COVER

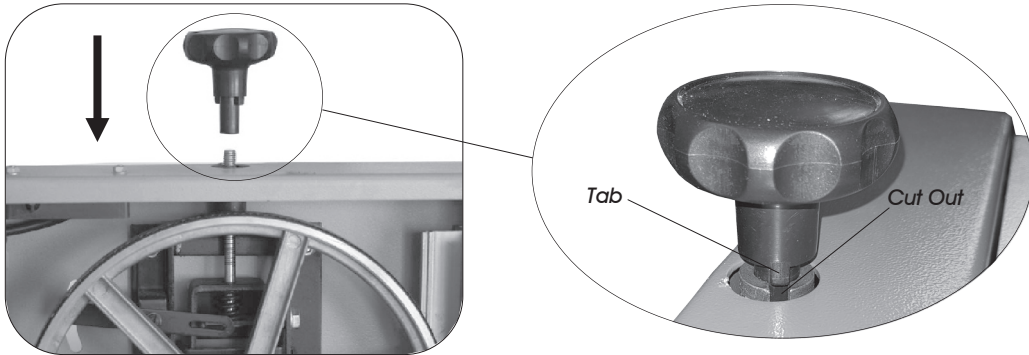
- Place the switch cover over the NVR switch; Secure in place with the screws.



ASSEMBLY INSTRUCTIONS...cont

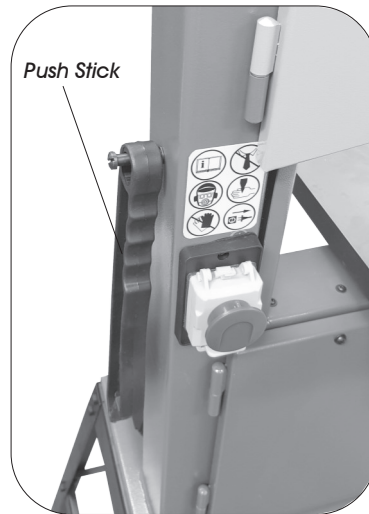
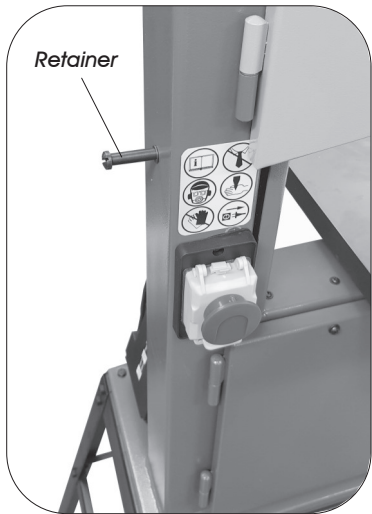
FIT THE BLADE TENSION KNOB

- Line up the tabs on the tension knob with the cut outs on the shaft.



FIT THE PUSH STICK

- Fit and tighten the push stick retainer onto the side of the saw.
- Place the push stick onto the retainer.

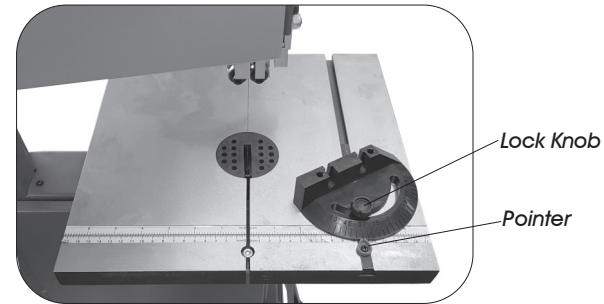


OPERATING INSTRUCTIONS

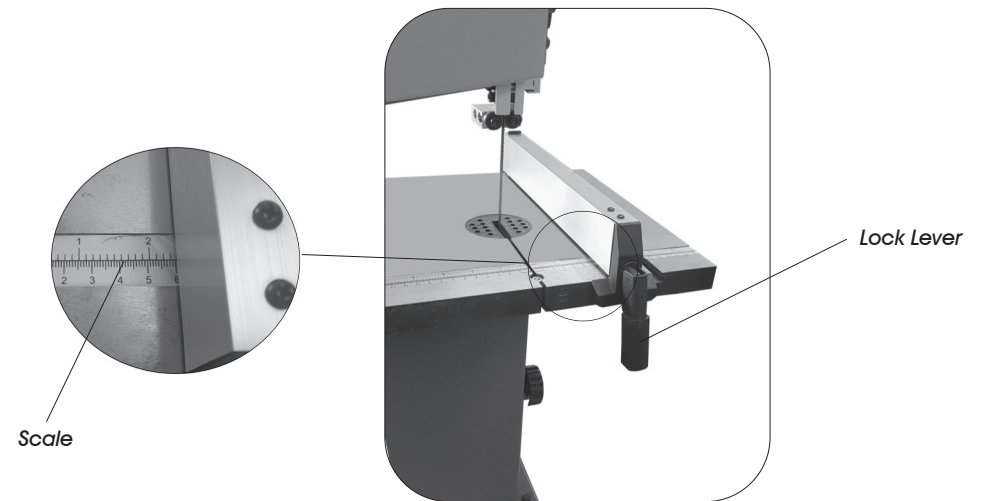
SET THE MITRE GAUGE ANGLE (where required)

The angle of the mitre gauge can be set between 0° and 45° left or right.

- Loosen the lock knob.
- Set the desired angle as indicated on the angle pointer / Scale.
- Retighten the lock knob to secure the angle.



SET THE RIP-FENCE (where required)



- Lift the Rip-Fence lock lever.
- Slide the Rip-Fence to the required position as indicated on the Table Scale.
- Press down the lock lever to secure the Rip-Fence in position.