Please dispose of packaging for the product in a responsible manner. It is suitable for recycling. Help to protect the environment, take the packaging to the local amenity tip and place into the appropriate recycling bin.

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: 01509 500400
EMAIL: sales@sip-group.com or technical@sip-group.com
www.sip-group.com

Ref: 180417

SIP INDUSTRIAL

machinery specialists since 1968

10" Table Saw

With Stand

01986

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” Table Saw - SIP Part No. 01986

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 relevant harmonised standard(s), including,

EN 55014-1:2006+A2:2011
EN 55014-2:1997+A2:2008
EN 61000-3-2:2014
EN 61000-3-11:2000

Signed: 

Mr P. Ippaso - Director - SIP (Industrial Products) Ltd
Date: 15/03/2017.

CE

NOTES

CONTENTS

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 table 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; This table saw is designed for the longitudinal (slitting) and cross-cutting of most solid woods, coated woods, chip board, block board and similar wood derived materials, commensurate with the machine's size.
The machine is not to be used for cutting any type of round wood as they can be twisted by the rotating saw blade.
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 saw. 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 USE THE SAW IN DANGEROUS ENVIRONMENTS: Do not use 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: The saw should be stored in a dry, locked cupboard wherever possible and out of the reach of children.

PARTS LIST….cont

Ref. No.	Description	SIP Part No.	Ref. No.	Description	SIP Part No.
141.	Safe Operation Symbols	WD01-01213	152.	Bevel Shaft Support (back)	WD01-01224
142.	Hex. Bolt	WD01-01214	153.	Stop rail front end cap	WD01-01225
143.	Cross Self Tapping Screw	WD01-01215	154.	Stop rail rear end cap	WD01-01226
144.	Overload Protection	WD01-01216	155.	Chain bar left end cap	WD01-01227
145.	Connection Lead	WD01-01217	156.	Chain bar right end cap	WD01-01228
146.	Carriage Bolt	WD01-01218	157.	End cap	WD01-01229
147.	O-ring	WD01-01219	158.	Hex nut	WD01-01230
148.	Lock Plate	WD01-01220	159.	Shoulder screws	WD01-01231
149.	Lock Nut	WD01-01221	160.	Washer	WD01-01232
150.	Screw	WD01-01222	161.	self tapping screws	WD01-01233
151.	Self Tapping Screw	WD01-01223			

PARTS LIST….cont

Ref. No.	Description	SIP Part No.	Ref. No.	Description	SIP Part No.
71.	Lower Blade Guard Plate	WD01-01147	106.	Carriage Bolt	WD01-01179
72.	Spring	WD01-01148	107.	Bevel Scale	WD01-01180
73.	Washer	WD01-01149	108.	Nut	WD01-01181
74.	Bevel Indicator	WD01-01150	109.	Rack	WD01-01182
75.	Mount Plate	WD01-01151	110.	Screw	WD01-01183
76.	Washer	WD01-01152	111.	Capacitor	WD01-01184
77.	Spring	WD01-01153	112.	Switch	WD01-01077
78.	Bevel Lock Knob	WD01-01154	113.	Switch Box	WD01-01185
79.	Bracket - Driving Rod	WD01-01155	114.	Pad For Cord Clamp	WD01-01186
80.	Washer	WD01-01156	115.	45° Angle Adjustment Wheel	WD01-01187
81.	Bevel Gear	WD01-01157	116.	90° Angle Adjustment Wheel	WD01-01188
82.	Bushing - Driving Rod	WD01-01158	117.	Cord Press Plate	WD01-01189
83.	Actuating Arm	WD01-01159	118.	Cable sheath	WD01-01190
84.	Rating Label	WD01-01160	119.	Mains Lead	WD01-01191
85.	Crank Wheel	WD01-01161	120.	Cabinet	WD01-01192
86.	Screw	WD01-01162	121.	Knob Ring	WD01-01193
87.	Bevel Crank Wheel	WD01-01163	122.	Washer	WD01-01194
88.	Bevel Gear Wheel	WD01-01164	123.	Wrench A	WD01-01195
89.	Spring	WD01-01165	124.	Wrench B	WD01-01196
90.	Spring Pin	WD01-01166	125.	Hex. Bolt	WD01-01197
91.	Screw	WD01-01167	126.	Square Nut	WD01-01198
92.	Washer	WD01-01168	127.	Cross Strut B	WD01-01199
93.	Bevel Gear Pad	WD01-01169	128.	Legs A	WD01-01200
94.	Elevation Crank Shaft	WD01-01170	129.	Foot	WD01-01201
95.	Doublet Nut	WD01-01171	130.	Cross Strut C	WD01-01202
96.	Screw	WD01-01172	131.	Stability Bar	WD01-01203
97.	Drive Plate	WD01-01173	132.	Push Stick	WD01-01204
98.	Locknut	WD01-01174	133.	Table Support Strut	WD01-01205
99.	Hex. Bolt	WD01-01175	134.	Extension Table	WD01-01206
100.	Riving Knife Clamp	WD01-01176	135.	Push Stick Holder	WD01-01207
101.	Riving Knife	WD01-01177	136.	Spring Washer	WD01-01208
102.	Riving Knife Bracket	WD01-01178	137.	Washer	WD01-01209
103.	Right Blade Guard	WD01-01076	138.	Set Screw	WD01-01210
104.	Left Blade Guard	WD01-01076	139.	Blade Guard Label	WD01-01211
105.	Self Tapping Screw	WD01-01076	140.	Cabinet Logo	WD01-01212

SAFETY INSTRUCTIONS…cont

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.

USE SAFETY GOGGLES AND EAR PROTECTION: 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 a power tool 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 SAW RUNNING / CONNECTED WHILST UNATTENDED: Turn off the saw and disconnect it from the mains supply between jobs. Do not leave saw 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 authorised service centre unless otherwise indicated in this instruction manual. Have defective switches replaced by an authorised service agent. Do not attempt to operate the tool if the switch does not turn it on and off.

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

MAINTAIN TOOLS WITH CARE: Keep tools sharp and 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.

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 etc. are removed from the saw before every use.

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

USE THE RIGHT TOOL: Do not use the saw or an attachment to do a job for which it was not designed.

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

SAFETY INSTRUCTIONS...cont

designed.

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

DO NOT EXPOSE THE SAW TO RAIN OR USE IT IN WET CONDITIONS: Water entering the saw will greatly increase the risk of electric shock.

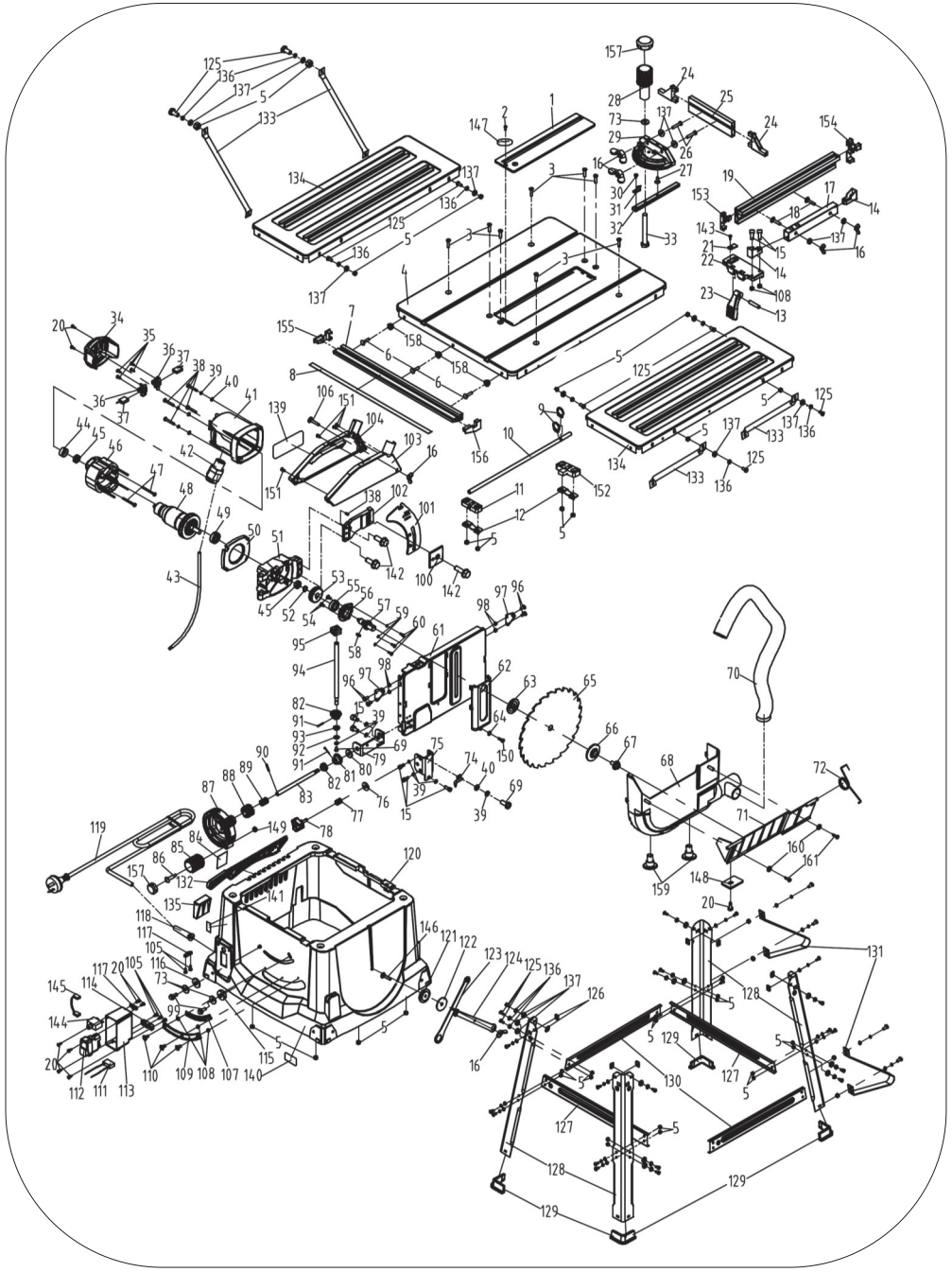
WARNING: The dust generated by certain wood or wood derived products can be dangerous to the operator, as well as anyone in the area. Always operate The saw in well ventilated areas and provide dust removal where possible.

- Use only the blades specified for this saw.
- Before each use; Ensure that the blade is fully secure.
- For your safety; remove the chippings and work debris etc. from the table top and from inside the extraction port before each operation.
- Make sure that all keys and wrenches are removed before switching on the saw.
- Keep hands out of path of the saw blade.
- Make sure the blade is clear of the workpiece before the switch is turned on.
- Allow the saw to run up to full speed before starting a cut.
- Stop operation immediately if you notice anything abnormal.
- Wait for the saw blade to stop completely and remove from mains supply before servicing or adjusting the saw.
- Be alert at all times, especially during repetitive, monotonous operations. Don't be lulled into a false sense of security. Blades are extremely unforgiving.
- Use of improper accessories may cause damage to the saw and surrounding area as well as increasing the risk of injury.
- Do not modify the saw to do tasks other than those intended.
- Do not cut workpieces too small to hold by hand outside the blade guard.
- Maintain a steady grip, avoid awkward positions and do not allow your hand to be in direct line of the cut.
- Make sure the blade is installed with the teeth pointing downward at the front of the saw to avoid lifting of the workpiece.
- Hold the workpiece firmly against the table.
- Do not feed the work too quickly while cutting, only feed at a rate so that the blade can perform the cut without overloading the saw.
- Be very cautious when cutting material of uneven cross section such as mouldings, ensure the material is laying flat and firmly on the table.
- This table saw is for indoor use only.
- Clear the work table of all objects (tools, scraps, rulers etc.) except the workpiece before turning the saw on.
- When cutting a large piece of material, support it at the height of the table with rollers or similar.
- Make sure there are no nails or foreign objects in the part of the workpiece to be sawn.
- Use the push stick to the side of the blade line to push the workpiece securely through

PARTS LIST

Ref. No.	Description	SIP Part No.	Ref. No.	Description	SIP Part No.
1.	Table Insert	WD01-01078	36.	Brush Holder	WD01-01113
2.	Screw	WD01-01079	37.	Carbon Brush	WD01-01075
3.	Screw	WD01-01080	38.	Screw	WD01-01114
4.	Table	WD01-01081	39.	Spring Washer	WD01-01115
5.	Nut	WD01-01082	40.	Washer	WD01-01116
6.	Carriage Bolt	WD01-01083	41.	Motor House	WD01-01117
7.	Chain Bar	WD01-01084	42.	Strain Relief	WD01-01118
8.	Scale	WD01-01085	43.	Motor Connect Line	WD01-01119
9.	C-ring	WD01-01086	44.	Bearing Sleeve	WD01-01120
10.	Bevel Shaft	WD01-01087	45.	Bearing	WD01-01121
11.	Bevel Shaft Support	WD01-01088	46.	Motor Housing Field Assembly	WD01-01122
12.	Press Plate	WD01-01089	47.	Self Tapping Screw	WD01-01123
13.	Pin	WD01-01090	48.	Armature Assembly	WD01-01124
14.	End Cap	WD01-01091	49.	Bearing	WD01-01125
15.	Socket Screw	WD01-01092	50.	Baffle	WD01-01126
16.	Wing Nut	WD01-01093	51.	Gear Housing	WD01-01127
17.	Parallel Stop	WD01-01094	52.	C-ring	WD01-01128
18.	Carriage Bolt	WD01-01095	53.	Gear	WD01-01129
19.	Stop Rail	WD01-01096	54.	Screw	WD01-01130
20.	Self Tapping Screw	WD01-01097	55.	Bearing	WD01-01131
21.	Rip Fence Indicator	WD01-01098	56.	Bearing Cover Plate	WD01-01132
22.	Parallel Stop	WD01-01099	57.	Arbor	WD01-01133
23.	Eccentric Lever	WD01-01100	58.	Flat key	WD01-01134
24.	End Cap	WD01-01101	59.	Spring Washer	WD01-01135
25.	Mitre Gauge Stop Rail	WD01-01102	60.	Screw	WD01-01136
26.	Carriage Bolt	WD01-01103	61.	Motor Bracket	WD01-01137
27.	Self Tapping Screw	WD01-01104	62.	Lower Blade Guard	WD01-01138
28.	Mitre Handle	WD01-01105	63.	Inner Blade Flange	WD01-01139
29.	Mitre Gauge	WD01-01106	64.	Washer	WD01-01140
30.	Self Tapping Screw	WD01-01107	65.	Blade	WD01-01141
31.	Mitre Gauge Indicator	WD01-01108	66.	Outer Blade Flange	WD01-01142
32.	Rod - Mitre Gauge	WD01-01109	67.	Hex. Bolt (L)	WD01-01143
33.	Hex bolt	WD01-01110	68.	Dust Chute	WD01-01144
34.	Motor End Cap	WD01-01111	69.	Screw	WD01-01145
35.	Self Tapping Screw	WD01-01112	70.	Extraction Hose	WD01-01146

EXPLODED DRAWING



SAFETY INSTRUCTIONS...cont

the saw blade.

- Make sure that the riving knife is always used, and set up is correctly.
- Use the upper blade guard and set it to the correct position.
- Only use saw blades for which the maximum permissible speed is not lower than the maximum spindle speed of the saw and which are suitable for the material to be cut.
- The saw must not be used for slotting jobs (cutting grooves which end in the workpiece).
- Ensure that the upper part of the saw blade is covered during transport, e.g. by the guard.
- Before each use; Ensure that the blade guard is fitted and in full working order.
- 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.

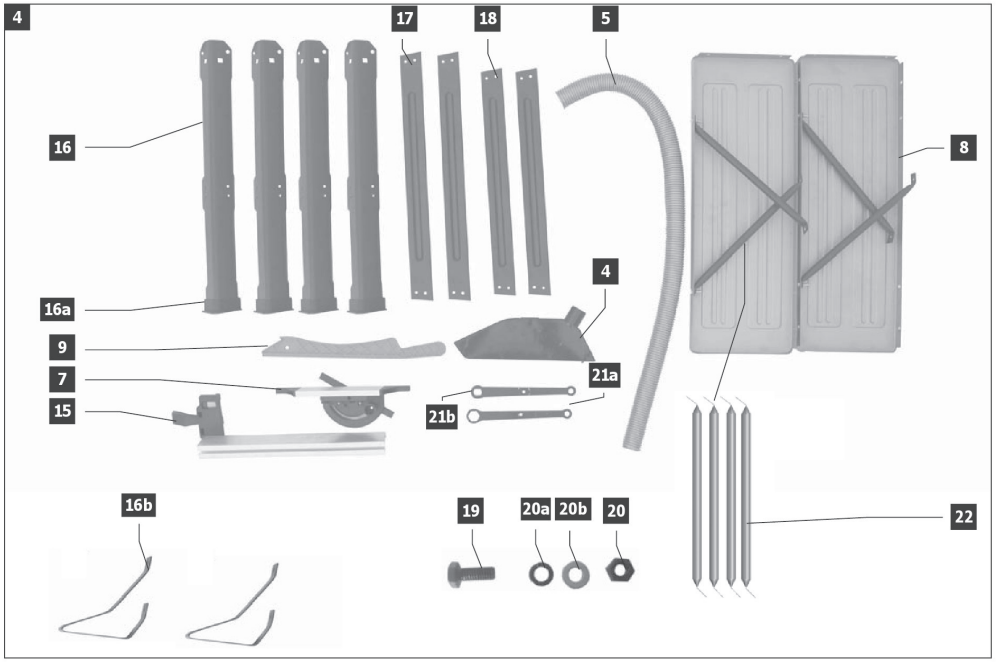
When using the saw always ensure the operator as well as those in the area wear ear protection.

When using the saw always ensure the operator as well as those in the area wear eye protection.

Some wood and wood composites have the potential to be highly toxic; always wear a face mask when operating saw.

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.

CONTENTS AND ACCESSORIES



Ref. No.	Description	Ref. No.	Description
N/A	Main Saw Body	17.	Leg Brace - Long (2)
4.	Saw blade guard	18.	Leg Brace - Short (2)
5.	Suction hose	19.	Fixing Kit
7.	Mitre Gauge	20.	Fixing Kit
8.	Extension Tables (2)	20a.	Fixing Kit
9.	Push Stick	20b.	Fixing Kit
15.	Rip fence	21a.	Blade Wrench
16.	Legs (4)	21b.	Blade Wrench
16a.	Rubber Feet (4)	22.	Support Strut
16b.	Stability Brackets (2)		

Note: If any parts are missing, contact your distributor for the missing parts to be replaced.

TROUBLE SHOOTING

Problem	Possible cause	Possible solution
Motor is slow or weak:	• Voltage from source is low. • Windings are burned out or open. • NVR Switch is defective. • Circuit is overloaded with appliances lights or other electrically powered equipment	• Request a voltage check from local power company. • Have the Motor checked, repaired or replaced. • Have the NVR switch checked, repaired or replaced. • Do not use other appliances or electrically powered equipment on the same circuit when using the Table Saw.
Motor regularly overheats:	• Voltage from source is low. • Dull saw blade. • Sawdust inside table saw is blocking airflow.	• Request a voltage check from the local power company. • Replace the saw blade. • Clean out the saw base.
When ripping, the cut burns the workpiece, or stalls the motor:	• Blade teeth are dull. • Workpiece is warped. • Rip fence is not parallel with the saw blade.	• Sharpen or replace the blade. • Replace the workpiece. • Re-align the rip fence, and lock it in position.
Rip Fence does not move smoothly:	• Rip Fence is mounted incorrectly.	• Remove, and reposition the Rip Fence and lock it in position.
Bevel & Height Handles are hard to turn:	• Sawdust has collected on the mechanisms inside the saw.	• Clean and lubricate the mechanisms inside the base.
Table saw vibrates excessively:	• Floor surface is uneven. • Saw blade is damaged. • Loose bolt, Screws, Nuts.	• Sit the saw on a level surface. • Replace the Saw Blade. • Tighten all Hardware.

MAINTENANCE….cont

- Remove the outer flange and the old saw blade from the inner flange.
- Clean the blade flange thoroughly before fitting the new blade.
- Mount and fasten the new saw blade in reverse order.

Note: Ensure that the blade is fitted in the correct direction; The teeth should point downward at the front of the blade.

- Refit the table insert (2).
- Check to make sure that all safety devices are properly mounted and in good working condition before you begin working with the saw again.

GUARANTEE

This SIP table saw 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, blades and motor brushes are not covered by the warranty.

Consumable items such as blades, table inserts & carbon brushes etc. are not covered by the warranty.

This saw is designed to ***ONLY*** cut wood or wood derived products.
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.

TECHNICAL SPECIFICATIONS

Part number	01986
Input voltage	230v ~ 50hz
Input Fuse Rating	13 amps
Motor	1800W
No Load Speed	5000 r/min
Blade Size	Ø 250 x 30 x 2.8 mm
Blade Tilt	0° - 45°
Main Table Dimensions	487mm x 640mm
Table Dimensions inc. 2 Extensions	940mm x 640mm
Cutting capacity @ 0°	85mm
Cutting capacity @ 45°	65mm
Blade Height Adjustment	0mm - 85mm
Extraction Port Ø	35mm
*Sound Pressure (LpA)**	91.0 dB(A)
*Sound Power (LWA)**	104.0 dB(A)

* Tested According to: EN 61029.3 dB(A) uncertainty

ELECTRICAL CONNECTION

This table saw is double insulated; This means the operator is separated from the tool's electrical system by two complete sets of electrical insulation.

This table saw is fitted with a standard UK type 230V ~ plug. Before using the tool inspect the cable and plug to ensure that neither are damaged. If any damage is visible have the tool 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:

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.
- The wire which is coloured brown, must be connected to the terminal, which is marked L or coloured red.
- Always secure the wires in the plug terminal carefully and tightly. Secure the cable in the cord grip carefully.

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: The cross section of the extension lead should be checked so that it is of sufficient size so as to reduce the chances of voltage drops.

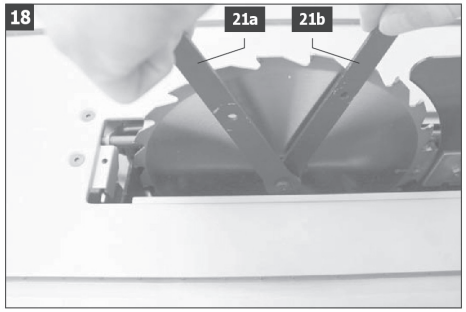
MAINTENANCE

Warning! Always ensure that the saw is turned off and that the plug is disconnected from the mains supply before carrying out any adjustments, repairs or maintenance.

GENERAL CLEANING

- Remove dust and dirt regularly from the machine. Cleaning is best carried out with a fine brush or a cloth.
- Never use caustic agents to clean plastic parts.
- Keep all safety devices, air vents and the motor housing free of dirt and dust as far as possible.
- Wipe the equipment with a clean cloth or blow it with compressed air at low pressure.
- We recommend that you clean the device immediately each time you have finished using it.
- Clean the saw regularly with a moist, not wet, cloth and some soft soap.
- Do not use cleaning agents or solvents; these could attack the plastic parts of the equipment.
- Ensure that no water can seep into the electric parts of the saw.
- Ensure the blade guard is kept clean with a damp cloth (do not clean the guard or any part of the saw with a corrosive solvent) to reduce the risk of injury.
- Do not allow pitch to accumulate on the saw table; Clean it with gum/pitch remover.

CHANGING / INSTALLING THE BLADE

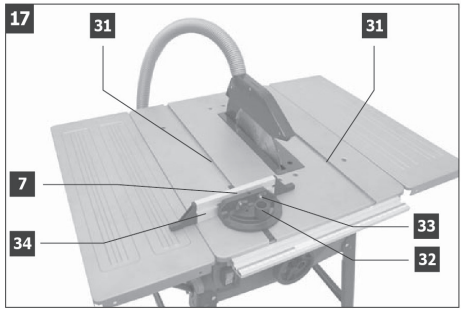


- Raise the blade to its highest point.
- Detach the saw blade guard (6).
- Remove the table insert by loosening the countersunk screw.
- Loosen the nut; Turn the nut in the direction in which the saw blade rotates by using a wrench on the nut and another wrench on the motor shaft to apply counter-pressure.

- Slacken the thumb screws (28) and push the extrusion (27) forward until it touches the imaginary 45° line.
- Re-tighten the wing nuts (28).

Once set in the correct position and orientation, ensure that the rip-fence is locked in position by pressing down on the locking handle (30).

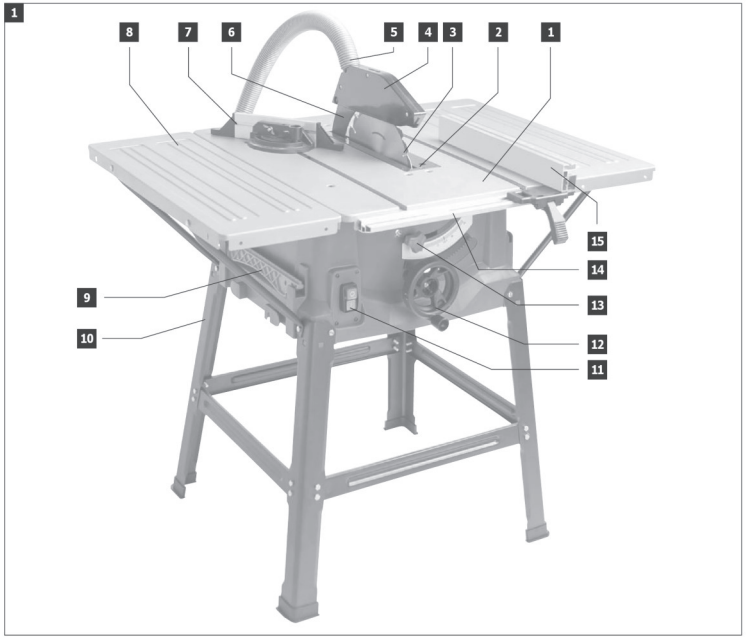
USING THE MITRE GAUGE

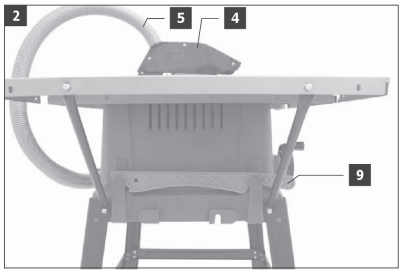


- Insert the mitre gauge (7) into the slot (31) of the saw table (Fig.17).
- Loosen locking knob (32).
- Turn the mitre gauge (7) until the arrow points to the angle required.
- Re-tighten locking knob (32).

When cutting larger workpieces, the mitre gauge (7) can be lengthened with the auxiliary extrusion (34) (Fig. 17).

Caution: Do not allow the auxiliary extrusion to come into contact with the saw blade; The distance between the extrusion and the saw blade should be at least 2 cm.





Ref. No.	Description	Ref. No.	Description
1.	Main Table	9.	Push Stick
2.	Table Insert	10.	Saw Stand
3.	Blade	11.	On/Off (NVR) Switch
4.	Blade Guard	12.	Height/Angle Adjust Hand Wheel
5.	Extraction Hose	13.	Angle Lock
6.	Riving Knife	14.	Rip Fence Guide Rail
7.	Mitre Gauge	15.	Rip Fence
8.	Table Extension		

ASSEMBLY INSTRUCTIONS

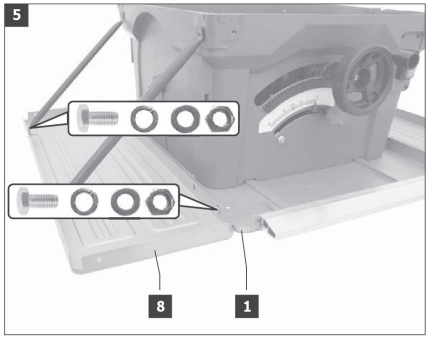
DANGER! Always ensure that the saw is turned off and that the plug is disconnected from the mains supply before carrying out any adjustments, repairs or maintenance.

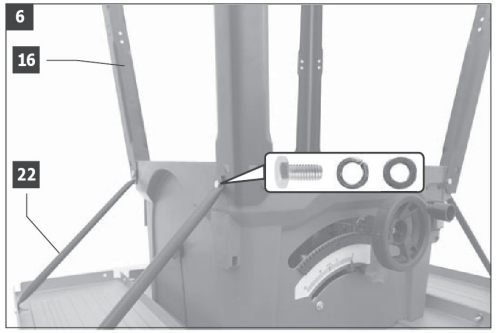
- Unpack the table saw and check it for damage which may have occurred in transit.
- The saw should be set up where it can stand firmly on a flat level surface.
- All covers and safety devices have to be correctly fitted and in full working order before the machine is switched on.
- The saw blade should run freely.

FITTING THE EXTENSION TABLES

- Place the main saw assembly, table face down, onto a flat level surface.

Note: Place the saw onto cardboard, or similar, to reduce the risk of damage and ensure that the blade is in its lowest position.



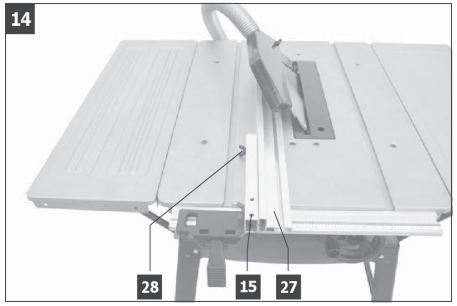


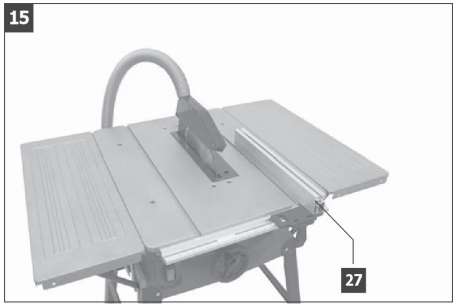
- Line up one of the extension tables (8) with the main saw table (1) (Fig.5).
- Fit the bolts (19), spring washers (20a), washers (20b) and nuts (20) hand tight to hold the table in place.
- Line up the support struts (22) as shown, and secure one end to the table extension (8) with the bolts (19), spring washers (20a), washers (20b) and nuts (20).
- The opposite end should be secured once the leg set has been fitted.
- Repeat this process for the opposite table extension.

Note: The bolts should not be tightened fully at this point as some adjustments will be required.

OPERATING INSTRUCTIONS….cont

USING THE RIP-FENCE

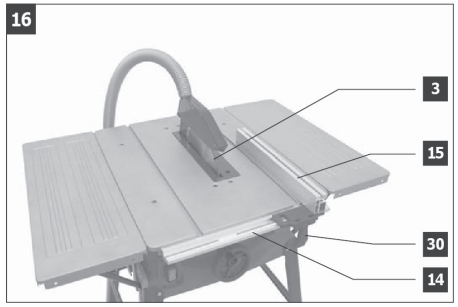




The Rip-Fence (15) has an auxiliary extrusion (27) which has two different guide faces which should be set according to the thickness of the material to be cut.
The extrusion (27) should be used according to Fig.14 for thin material (under 25mm workpiece thickness), and according to Fig.15 for thick material (over 25mm workpiece thickness).

- Loosen the wing nuts (28) in order to turn the extrusion.

The extrusion can be removed and replaced in the correct orientation on either the left or right side of the rip-fence depending on the type of cut and size of workpiece.
There are 2 scales on the rip-fence guide rail (14) depending on which orientation the extrusion is set to.



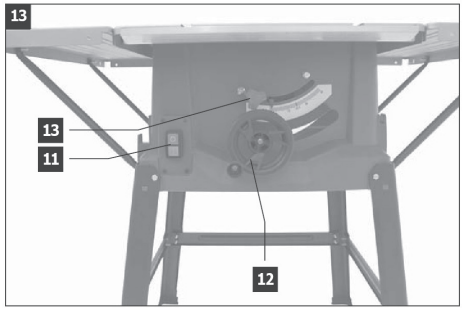
In order to avoid "jamming" of the workpiece; the auxiliary extrusion (27) is longitudinally adjustable.

A Rule of thumb: The rear end of the extrusion is connected to an imaginary line, which begins approximately at the middle of the saw blade, and runs towards the rear of the saw at an angle of 45°.

- Set the rip-fence to the required cutting width.

OPERATING INSTRUCTIONS

ON/OFF (NVR) SWITCH



Once fully assembled and adjusted, and all safety precautions have been followed; the saw is ready to be run.

- Connect the mains plug to an appropriate power supply.
- To start the saw; press the green (I) button.
- To stop the saw; press the red (0) button.

Your SIP 10" Table Saw is fitted with a safety NVR (No Volt Release) switch (11). This means that if power is cut to the saw (such as in a power failure); the motor will not start to run once the power is returned without the operator following the above instructions to restart the saw.

SETTING THE CUTTING HEIGHT

- Turn the height adjust handle (12) to set the blade (3) to the required cutting height.

- Anticlockwise: Lower cutting height.
- Clockwise: Higher cutting height.

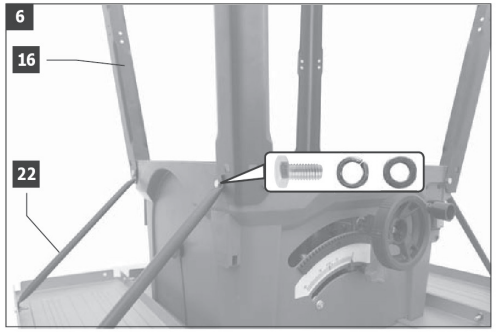
SETTING THE CUTTING ANGLE

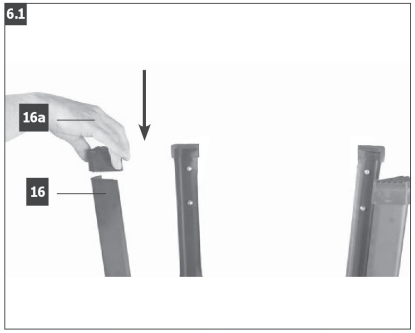
- Loosen the angle lock (13) by turning it anti-clockwise.
- Push the angle/height adjust hand-wheel (12) in so that the gears mesh and turn the hand-wheel (12) until the desired angle is achieved.
- Release the hand-wheel (12) and retighten the angle lock (13).

Note: After each new adjustment it is advisable to carry out a trial cut in order to check the set settings are correct.

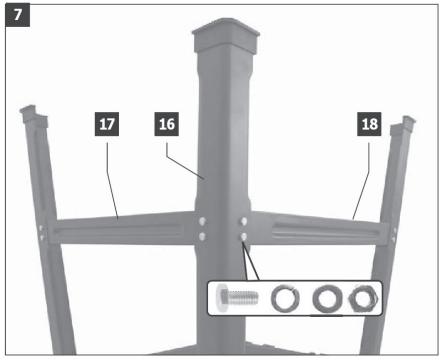
ASSEMBLY INSTRUCTIONS….cont

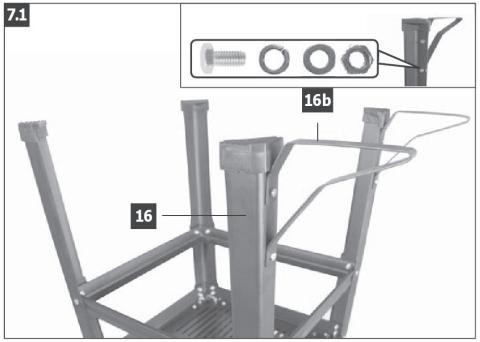
FITTING THE LEG SET





- Line up the square holes on each leg (16) with the square tabs on the main saw.
- Fit and loosely tighten the bolts (19), spring washers (20a) and the washers (20b) together with the opposite end of the support struts (22) onto the side of the main saw (Fig.6).
- Fit and loosely tighten the bolts (19), spring washers (20a) and the washers (20b) to the front and rear of the main saw.
- Repeat this process for the opposite side of the saw.
- Push the 4 rubber feet (16a) onto the bottom of each leg (Fig.6.1).

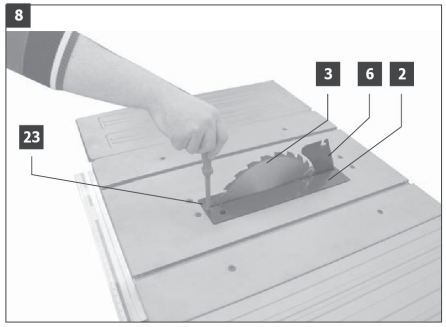


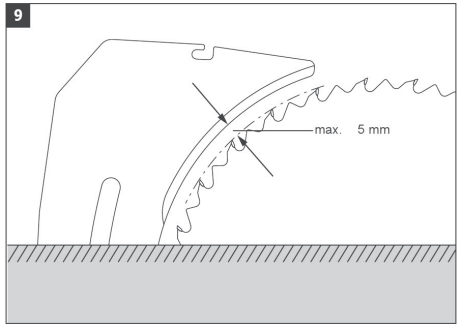


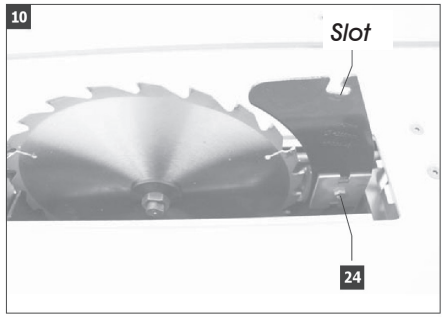
- Fit the long braces (17) to the left and right sides of the leg set (Fig.7) and secure in place using the bolts (19), spring washers (20a), washers (20b) and the nuts (20).
- Repeat the operation with the short braces (18) to the front and rear of the leg set.
- Fit the 2 stability brackets (16b) to the back of each rear leg (Fig7.1) and secure in place using the bolts (19), spring washers (20a), washers (20b) and nuts (20).

- Once the side extensions and the leg set are loosely fitted; Turn the saw over onto a firm level surface.
- Ensure that the main saw table is as level as possible.
- With a straight edge, or similar, set the extension tables level with the main saw bed and proceed to tighten all of the nuts and bolts etc.

SETTING THE RIVING KNIFE



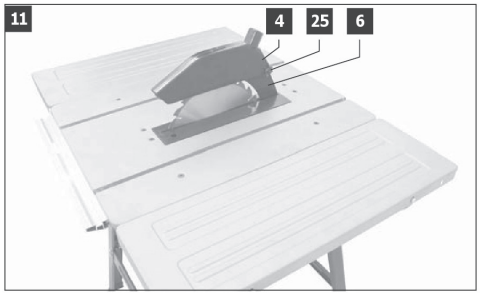


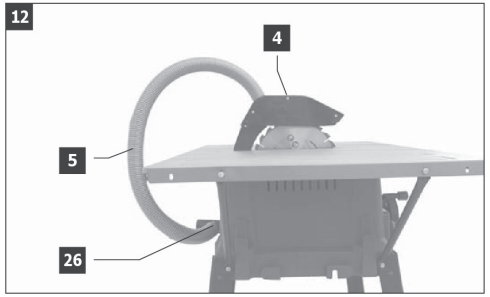


The riving knife (6) is a safety device that sits behind, and moves relative to the saw blade to, when set correctly, help eliminate kickback. To set the riving knife:

- Set the saw blade (3) to the max. cutting depth, bring it to the 0° position and lock it (see operating instructions).
- Loosen and remove the screw (23) from the table insert (2) using a Phillips screwdriver, and remove the table insert.
- The distance between the saw blade (3) and the riving knife (6) must be between 3mm & 5mm (Fig. 9).
- Loosen the mounting bolt (24) in order to adjust the riving knife (6) until the right distance is achieved.
- Retighten the mounting screw (24) and refit and secure the table insert (2).

FITTING THE BLADE GUARD





- Loosely fit the bolt (25) & wing-nut to the blade guard (4).
- Slide the bolt (25) into the slot on the riving knife (6) and push back (Fig.10 & 11).
- Tighten the wing-nut to hold in place.

Note: Do not over tighten the wing-nut; the guard should move freely and drop over the blade under its own weight.

- Push one end of the suction hose (5) onto the suction adapter (26) and the opposite end to the connecting piece of the blade guard (4) (Fig.12).