



AW216BTS Table Saw



Original Instructions	
Codes	113762
Version	1
Published Date	01/06/2026

Declaration of Conformity



Nationality	
GB	The object of the declaration described is in conformity with the relevant GB/EU legislation.
DE	Der Gegenstand der beschriebenen Erklärung stimmt mit den einschlägigen GB/EU-Rechtsvorschriften überein.
FR	L'objet de la déclaration décrite est conforme à la législation GB/UE pertinente.
IT	L'oggetto della dichiarazione descritta è conforme alla legislazione GB/UE pertinente.
ES	El objeto de la declaración descrita está en conformidad con la legislación GB/UE pertinente.
NL	Het voorwerp van de beschreven verklaring is in overeenstemming met de relevante GB/EU-wetgeving.
DK	Genstanden for den beskrevne erklæring er i overensstemmelse med den relevante GB/EU-lovgivning.
SE	Föremålet för den beskrivna deklARATIONEN överensstämmer med den relevanta GB/EU-lagstiftningen.
CZ	Předmět popsaného prohlášení je v souladu s příslušnými právními předpisy GB/EU.
PL	Przedmiot opisanej deklaracji jest zgodny z odpowiednimi przepisami GB/UE.
POR	O objeto da declaração descrita está em conformidade com a legislação GB/UE relevante.
NOR	Gjenstanden for den beskrevne erklæringen er i samsvar med den relevante GB/EU-lovgivningen.
FI	Määritellyn ilmoituksen kohde on asiaankuuluvan Ison-Britannian/EU: n lainsäädännön mukainen.
IS	Hluturinn í lýsingunni er í samræmi við viðeigandi lög GB/ESB.

Object of the Declaration: Axminster Workshop AW216BTS Table Saw - 230V 113762

UK:

Supply of Machinery (Safety) Regulations 2008 as amended
Electromagnetic Compatibility Regulations 2016 as amended
Directive 2011/65/EU (RoHS 2)
Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

EU:

Machinery Directive 2006/42/EC
EMC Directive 2014/35/EU
Directive 2011/65/EU (RoHS 2)
Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

UK Address:

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Standards used or references to the other technical specifications in relation to which conformity is declared:

ISO 19085-9:2020, EN 60204-1:2018
IEC 55014-1:2021, IEC 55014-2:2021, IEC 61000-3-2:2019+A1:2021, 61000-3-3:2013+A1:2019+A2:2021

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FIG. 1



FIG. 2



FIG. 3



FIG. 4



FIG. 5



FIG. 6

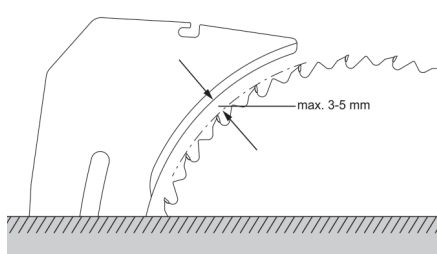


FIG. 7



FIG. 8



FIG. 9



FIG. 10



FIG. 11



FIG. 12



FIG. 13



FIG. 14



FIG. 15



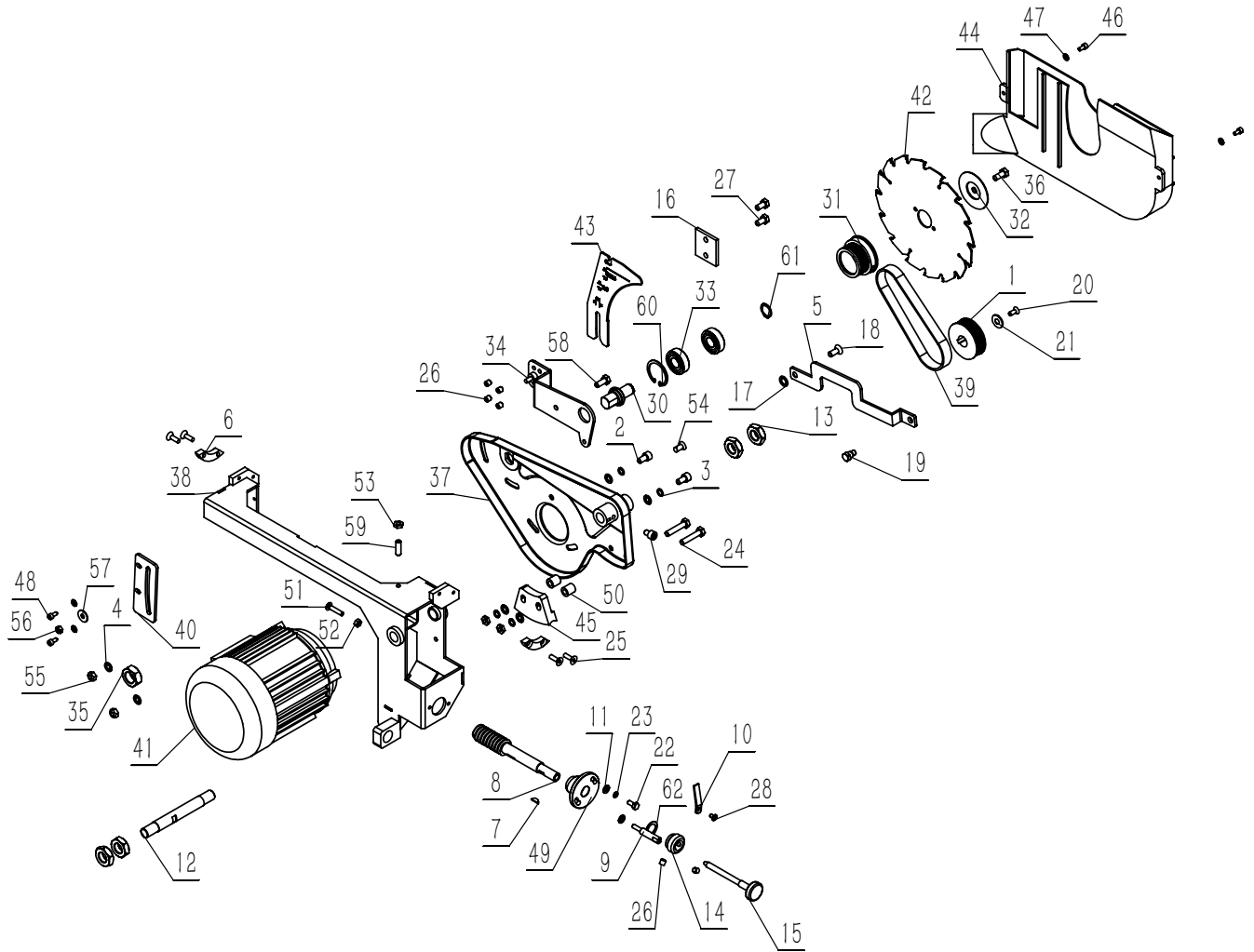
FIG. 16



FIG. 17



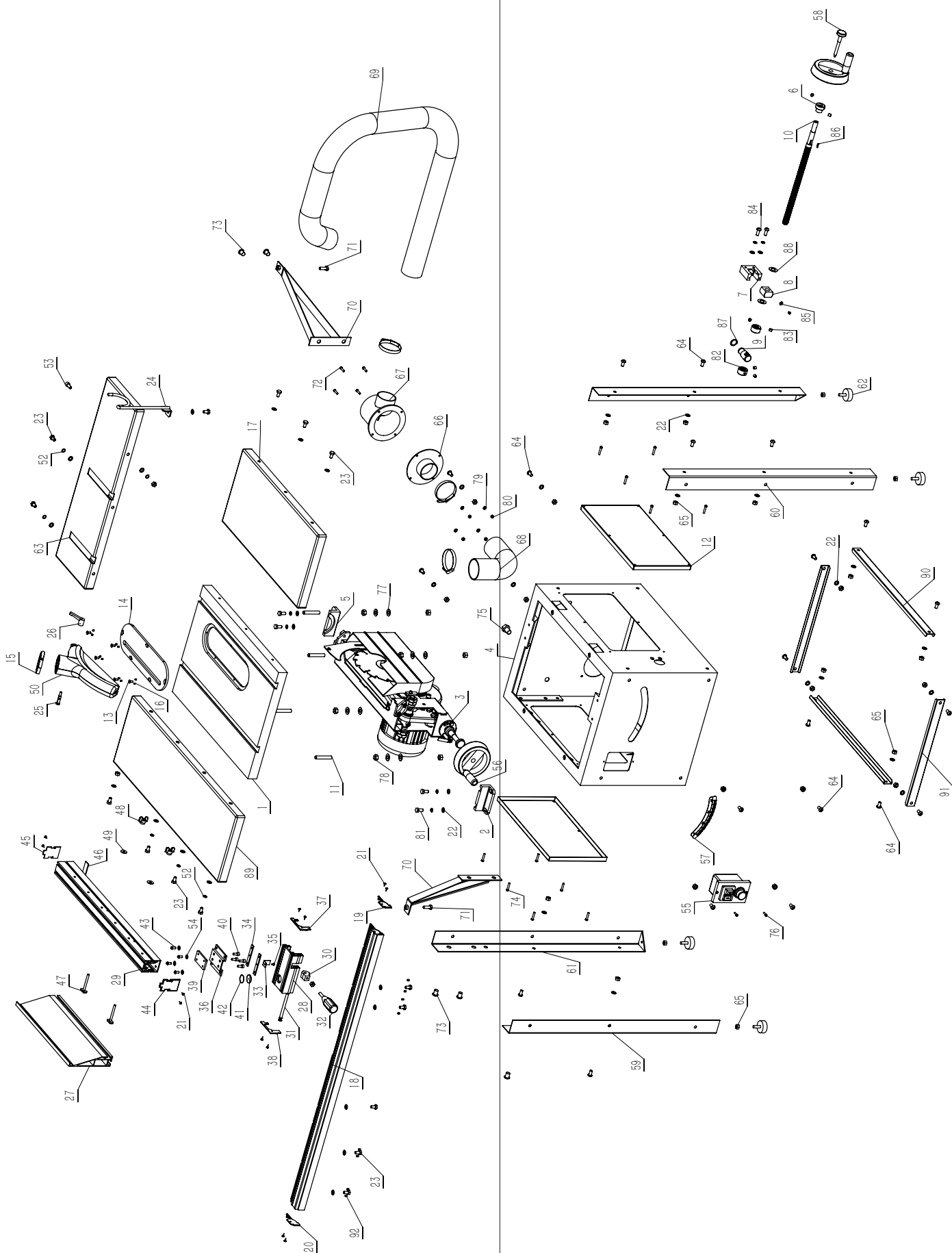
Exploded Diagram Name Here



B-1	Motor pulley
B-2	Hex socket bolt M8X16
B-3	Spring washer 8mm
B-4	Flat washer 8mm
B-5	Connection rod of riving knife bracket
B-6	Rotating block
B-7	Semi-circle key 3x16
B-8	Height adjusting thread rod
B-9	Pointer block
B-10	Pointer
B-11	Flat washer 6mm
B-12	Shaft
B-13	Thin nut M16X1.5
B-14	Stop collar B
B-15	Locking knob
B-16	Pressing plate of riving knife
B-17	Flat washer 10mm
B-18	Hex socket counter sunk screw M8X20
B-19	Pull-rod shaft
B-20	Hex socket counter sunk screw M6X15
B-21	Washer
B-22	Hex bolt M6X15
B-23	Spring washer 6mm
B-24	Hex bolt M8X40
B-25	Cross recessed counter sunk screw M6X15
B-26	Hex socket set screw M8X8
B-27	Hex bolt M8X16
B-28	Cross recessed pan head screw M5X8
B-29	Hex socket bolt M8X12
B-30	Arbor shaft
B-31	Pulley,blade

B-32	Outer blade washer
B-33	Bearing 6203
B-34	Riving knife bracket
B-35	Nut M20X1.5
B-36	Hex bolt M8X20
B-37	Shaft base
B-38	Rotating bracket
B-39	Multi-grooves belt
B-40	Supporting plate
B-41	Motor
B-42	Saw blade
B-43	Riving knife
B-44	Dust collection cover
B-45	Lifting worm
B-46	Hex socket bolt M5X10
B-47	Flat washer 5mm
B-48	Hex socket bolt M5X12
B-49	Mounting seat
B-50	Arbor shaft bush
B-51	Step bolt M6X30
B-52	Hex nut M6
B-53	Hex thin nut M8
B-54	Hex socket counter sunk screw M8X16
B-55	Self-locking nut M8
B-56	Self-locking nut M6
B-57	Big washer 6mm
B-58	Hex bolt M8X20
B-59	Hex socket set screw M8X25
B-60	Circlip D=40
B-61	Circlip D=17

Exploded Diagram Name Here



A-1	Worktable
A-2	Mounting base A
A-3	Mechanism assy
A-4	Machine body
A-5	Mounting base B
A-6	Stop A
A-7	Mounting seat
A-8	Angel connection knob
A-9	Nut of adjusting thread rod
A-10	Adjusting thread rod
A-11	Hex socket set screw with flat point M10X60
A-12	Side panel
A-13	Hex socket countersunk screw M5X12
A-14	Table insert
A-15	Hose clamp
A-16	Hex socket set screw M4X5
A-17	Extension table
A-18	Front rail
A-19	Right end cap for front rail
A-20	Left end cap for front rail
A-21	Taping screw ST4.2X10
A-22	Flat washer 8mm
A-23	Hex bolt M8X16
A-24	Tube support
A-25	Locking bolt, guard
A-26	Adjusting handle
A-27	Fence
A-28	Scale rail housing
A-29	Rip fence
A-30	Eccentric wheel
A-31	Locking shaft
A-32	Locking Knob
A-33	Locking spring plate
A-34	Locking nut board
A-35	Cross recessed pan head screw M4X6
A-36	Fence plate
A-37	Right end cap for rail housing
A-38	Left end cap for rail housing
A-39	Screw guide
A-40	Hex socket bolt M6X16
A-41	Scale indicator
A-42	Circle ring
A-43	Hex.socket bolt M6X12
A-44	Front end cap for fence
A-45	Rear end cap for fence
A-46	Supporting plate
A-47	Locking screw
A-48	Wing nut
A-49	Big washer 6mm
A-50	Blade guard
A-52	Spring washer 8mm
A-53	Hex socket bolt M8X20
A-54	Flat washer 6mm
A-55	Switch
A-56	Handwheel

A-57	Rotating Scale
A-58	Locking knob
A-59	Left leg A
A-60	Right leg
A-61	Left leg B
A-62	Leveling foot
A-63	Rear extension table
A-64	Hex socket bolt M8X16
A-65	Hex nut M8
A-66	Tie-in A
A-67	Tie-in B
A-68	Dust collection tube inside the machine
A-69	Dust collection tube
A-70	Support, extension table
A-71	Hex bolt M8X25
A-72	Hex socket bolt M5X20
A-73	Hex socket bolt M12X15
A-74	Hex socket bolt M5X25
A-75	Strain relief M14
A-76	Hex socket bolt M4X16
A-77	Big washer 10mm
A-78	Hex nut M10
A-79	Flat washer 5mm
A-80	Hex.nut M5
A-81	Hex bolt M8X20
A-82	Stop collar
A-83	Hex socket set screw M8X8
A-84	Hex socket bolt M8X20
A-85	Flat washer 4mm
A-86	Semi-circle key 3x16
A-87	Circlip for shaft D=20
A-88	Thrust washer 28X15X0.8
A-89	Left extension table
A-90	Long connecting support
A-91	Short connecting support
A-92	Hex socket set screw M5X6

Table Saw Contents

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3. Specifications
4. Setup and assembly
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1. Safety information



Fully read manual and safety instructions before use.



Ear protection should be worn.



Eye protection should be worn.



Dust mask should be worn.



Hazard

The symbols above advise the correct safety procedures when using this machine.



ALWAYS remember to disconnect the power to the Table saw when making repairs or adjusting blades and guards.

- Eye and ear protection are required when operating a Table saw. Dust extraction & respiratory P.P.E are highly recommended.
- Do not wear gloves, loose clothing, jewellery, or any dangling objects when operating a Table saw.
- Do not allow children to operate the machine.
- At all times all guards must be in place and fully operational. If a guard seems to be missing or damaged, adjust, replace or repair immediately.
- A riving knife **MUST** be used at all times when performing through cuts and must be positioned correctly.
- Ensure that the Rip fence is correctly aligned to the blade to help prevent the risk of timber kick back.
- Never perform "free hand" cuts, a rip fence or mitre cross cut fence should always be used.
- Never pull the timber through the blade from the rear of the machine, always push through from the front.
- Disconnect the power to the Table saw when making repairs or adjusting blades and guards.
- Hands and fingers must be kept clear of the blade, always use push sticks when feeding smaller pieces into the blade.
- Use only the recommended blade size and type for the machine

- Ensure all blades are sharp and in good condition.
- Never cut pieces smaller than the table insert size.
- Long material should be supported at the same height as the saw table.
- To avoid contact with a coasting blade, do not reach into the cutting area until the blade comes to a full stop.
- Make sure the blade is not in contact with the material when you start the saw.
- Never leave the machine unattended when it is running.
- Keep the table top & surrounding work area free from excessive dust and debris to help prevent slipping or tripping.
- Maintain a balanced stance at all times so that you do not fall or lean against the blade or other moving parts. Do not overreach or use excessive force to perform any machine operation.
- Inspect the cable and plug to ensure that neither are damaged. Repair or replace by a qualified person.
- Do not use in wet conditions.

Kickback

- The most common accidents among table saw users, according to statistics, can be linked to kickback, the high speed ejection of timber from the table saw that can strike the operator. Kickback can also result in the operator's hands making contact with the blade.

Kickback Prevention

Tips to avoid the most common causes of kickback:

- Make sure the riving knife is always aligned with the blade. A workpiece can bind or stop the flow of the cut if the riving knife is misaligned, and result in kickback.
- Use a riving knife during every cut. The riving knife maintains the kerf in the workpiece, which will reduce the chance of kickback.
- Never attempt freehand cuts.
- The workpiece must be fed parallel to the blade, otherwise kickback will likely occur. Always use the rip fence or mitre gauge to support the workpiece.
- Make sure that the rip fence is parallel to the blade. If not, the chances of kickback are very high. Take the time to check and adjust the rip fence.
- Feed cuts through to completion. Anytime you stop feeding a workpiece that is in the middle of a cut, the chance of binding, resulting in kickback, is greatly increased.

Tips for Kickback Protection

Kickback can happen even if precautions are taken to prevent it. Listed below are some tips to protect you if kickback does occur:

- Stand to the side of the blade when cutting. An ejected workpiece usually travels directly in front of the blade.
- Wear safety glasses or a face shield. Your eyes and face are the most vulnerable part of your body.
- Never place your hand behind the blade & never pull the timber through the cut. If kickback occurs, your hand will be pulled into the blade.
- Use a push stick to keep your hands further away from the moving blade. If a kickback occurs, the push stick will most likely take the damage that your hand would have received
- For more information
<http://www.hse.gov.uk/pubns/wis17.pdf>

2. Components, features

(FIG. 1)

A Saw table	N Hand wheel height adjustment
B Mitre fence slot	O ON / OFF switch
C Saw blade guard	P Scale mitre fence
D Riving Knife	Q Locking handle mitre fence
E Saw blade	R Mitre fence
F Table insert	S Riving knife bolts
G Rip fence	T Sub fence
H Fence rail	U Scale rip fence
I Table extension	V Rip fence alignment adjuster bolt
J Outfeed table	
K Locking rip fence	
L Sight glass	
M Blade angle adjustment handle	

(FIG. 2)

A Main saw	G Control wheels
B Tool kit	H Jubilee clips
C Crown guard	I Push stick
D Hose & Hanger	J Spanner shaft
E Hanger	K Extension table set and fixings
F Dust outlet	

(FIG. 3)

A Rip fence assembly	E Leg stand
B Left hand extension table	
C Feet and fixings for stand	
D Fence screws	

3. Specification

Voltage	230v
Power.	1100w
Blade Size.	216 x 30 x 2,8mm
Number of teeth.	24T/ 60T
Riving Knife Thickness.	2.5mm
Table size.	790 x 925mm
Cutting height max. 90°.	60mm
Cutting height max. 45°.	40mm
Height adjustment.	0 - 75mm
Blade Tilt.	0 - 45°
Weight.	73 kg

4. Setup and assembly

Remove from packaging and check for damage.

Important. Pull out the power plug before carrying out any maintenance, resetting or assembly work on the circular saw.

Riving knife set-up (FIG. 3/4/5)

A Warning! Disconnect the mains cable!

The set-up of the riving knife must be checked before each use.

- 1 Set the saw blade to the max. cutting depth, put it in the 0° position and lock it. .
- 2 Remove the table insert (FIG. 4 (A)). A Warning! For transport reasons, the riving knife was fixed in the lower position before initial commissioning. Only work with the machine if the riving knife is in the upper position. Fitting

the riving knife in the upper position is as follows:

- 3 Fit the riving knife and tighten the two bolts (FIG.5 (B)).
- 4 The gap between the saw blade and the riving knife should be a maximum of 5 mm (FIG. 5).
- 5 Once the riving knife is correctly fitted, reinstall the table insert and tighten the fixing screws. Riving knife set-up (FIG. 3/4/5)

Crown guard assembly (FIG.7)

- 6 Place the saw blade guard (A) including the locking handle (B) on the riving knife from above so that the bolt is tight in the slot of the riving knife (C).
- 7 Do not tighten the bolt too much,; the saw blade guard must be able to move freely.
- 8 Attach the extraction hose, one end to the crown guard and the other to the dust extraction outlet.
- 9 Disassembly takes place in reverse order. WARNING! Before starting to saw, lower the saw blade guard on to the work piece.

Saw blade assembly/replacement (FIG. 4/6/8)

Disconnect the mains supply and wear safety gloves.

- 1 Disassemble the saw blade guard (FIG. 7 (A)).
- 2 Remove the table insert (FIG. 4 (A)).
- 3 Loosen the nut by placing the open-ended spanner (A) on the nut and countering with spindle lock bar on the flange (FIG. 8). WARNING! Turn the nut in the rotational direction of the saw blade.
- 4 Remove the outer flange and pull the old saw blade from the inner flange, with a diagonally downwards movement.
- 5 Carefully clean the saw blade flange with a wire brush before fixing the new saw blade.
- 6 Insert the new saw blade in reverse order and tighten it. WARNING! Observe the rotational direction; the teeth have to point in the direction of rotation, i.e. forwards.
- 7 Attach the table insert (FIG. 4 (A)) and the saw blade guard (FIG. 7 (A)) again and set them.
- 8 Before working with the saw again, check the functionality of the guards.

Saw stand assembly (see exploded diagram)

- 10 Attach legs (59, 61 & 60 x 2) and leg braces (90 x 2 & 91 x 2) using fixing (64, 22 & 65). (FIG.12/13)
- 11 Assemble extension tables (89, 63 & 17) using fixing (23, 52, 65). (FIG.14)
- 12 Attach rip fence rail (18) using fixing (23) and attach fence (FIG 15)
- 13 Fit 2 x extension table support brackets (70) using fixing (73). (FIG 16)
- 14 Adjust the bolts on the brackets to level the tables (71). (FIG.17)

5. Operating instructions

Rip Cuts (Cutting Along the Grain):

- 1 Position the rip fence parallel to the blade, at the desired width.
- 2 Place the material flat on the table and against the fence, but do not contact the blade.
- 3 Set the blade height approximately 25mm above the timber (FIG. 9).
- 4 Turn on the saw and slowly feed the material through the blade using a push stick for the last 300mm of the cut (FIG. 10).

Bevel Cuts:

- 1 To perform a bevel cut tilt the blade to the desired angle using the blade angle adjuster, feed the timber through the saw the way as a Rip Cut.

Crosscuts (Cutting Across the Grain):

- 1 Use the miter fence to guide the timber through the saw blade at the desired angle.
- 2 Hold the material firmly against the miter gauge as you feed it through the blade (FIG. 11)

6. Maintenance and troubleshooting

DISCONNECT THE MACHINE FROM THE MAINS SUPPLY.

Preventative maintenance is crucial if you want your machine to perform to its full potential. I.E. Use good quality resin free sharp blades; this will greatly cut down the load put on to motors, drive belts and gears.

Use adequate extraction, this will help keep the machines internal mechanisms clean and also help keep your work area clear from dust and shavings.

Periodically or after quite heavy use it is recommended that the following maintenance be made to the table saw.

- Check blades for wear or damage.
- Clean inside the machine, slides, threads, gears and remove all off cuts and debris.
- Lubricate slides, threads, gears.
- Check drive belt for wear or damage.
- Clean guards and check for damage.
- Check alignment of fences and guides.

Troubleshooting

Table saws & panel saws are relatively simple machines, with all machinery regular cleaning, servicing & the use of extraction (all preventative maintenance) are essential to get the best from your saw.

My table saw won't cut straight.

- Check that your fence is in line with the blade, also check that the blade is square to the table. Adjustment is made via bolts (V).

My saw slows down when cutting.

- Blade may be blunt or too fine for the thickness of material.
- Overfeeding, slow down the feed through the blade.
- Drive belt may be loose or worn.
- Check that your fence is in line with the blade.
- Ensure that the saw is not running on a long extension lead.
- Motor capacitor may be faulty.

Why am I getting a lot of splintering along the cut edge?

- The blade is probably blunt or too coarse, if a smoother cleaner cut is required then change the blade for one with more teeth. Lowering the blade height to about 25mm above the timber can also help.
- Slow your feed speed down & check that the fence is in line with the blade as back cutting can occur.

Excessive vibration.

- The blade may be damaged, check the blade, replace if any missing teeth or burn marks are seen.
- Check that the blade is fitted correctly.
- Check fence to blade alignment, adjust as necessary.
- The saw is not positioned on a flat stable floor surface.
- The timber may not be stable and sat flat on the table, you may be getting board bounce, choose a flatter surface.

7. Warranty and Support

This product is covered by a 3 year limited warranty.

The warranty covers defects in materials and workmanship under normal use.

To claim warranty, retain your purchase receipt and contact your local store.