



AW254SMS Slide Mitre Saw



The packaging is suitable for recycling.
Please dispose of it in a responsible manner.



EU Countries Only
Do not dispose of electric tools together with
household waste material. By law they must be
collected and recycled separately.



Fully read manual and safety
instructions before use.
Save this manual for future
reference.



Eye protection
should be worn



Ear protection
should be worn



Dust mask
should be worn



Hazard

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

Original Instructions	
Code	113375
Version	1
Published Date	20/6/2026

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 popsaneho 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 AW254SMS Slide Mitre Saw - 230V 113375

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:

Newhow Limited.
Trading as Axminster Tools
Weycroft Avenue
Axminster. Devon
EX13 5PH

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

EN IEC 62841-3-9:2020, EN 62841-1:2015, EN 60825-1:2014

IEC 55014-1:2021, IEC 55014-2:2021

European Address:

Newhow Limited.
Trading as Axminster Tools
A-201. Haagsche Hof
Parkstraat 83
The Hague
2514 JG
Netherlands

Date: 1/6/2026
Place: Axminster

 Charlie Cross
Operations Director

Fig. 1

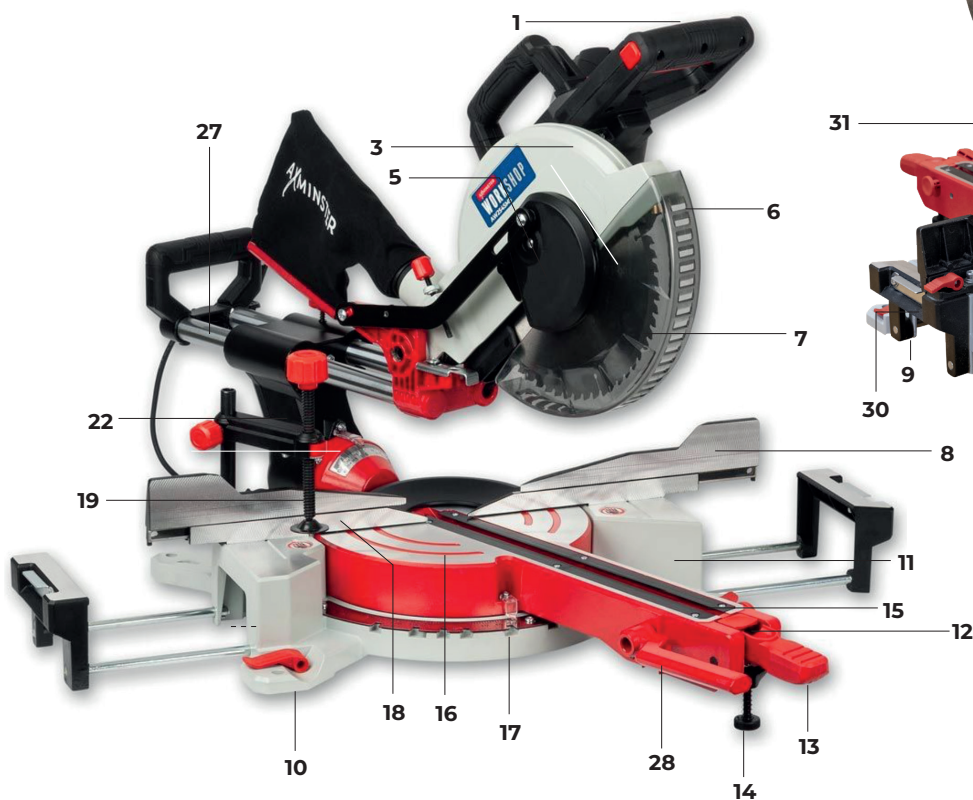


Fig. 2



Fig. 3

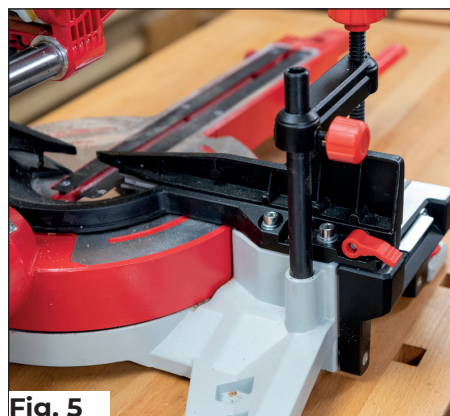


Fig. 5



Fig. 7



Fig. 4



Fig. 6



Fig. 8



Fig. 9



Fig. 10



Fig. 11



Fig. 12



Fig. 13



Fig. 14



Fig. 15



Fig. 16



Fig. 17



Fig. 18



Fig. 19



Fig. 20



Fig. 21

Slide Mitre Saw contents

1. Safety guidelines
2. Parts and features
3. Specifications
4. Setup and assembly
5. Operating Instructions
6. Blade change
7. Maintenance and troubleshooting
8. Warranty and customer support

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.



To avoid mistakes that could cause serious injury, do not plug in the mitre saw until the following steps have been read and understood.

- Safety is a combination of common sense, staying alert and knowing how the mitre saw operates.
- SAVE THESE SAFETY INSTRUCTIONS.
- Read and become familiar with this entire instruction manual. Learn the tool's applications, limitations, and possible hazards.
- Avoid dangerous conditions. Do not use power tools in wet or damp areas or expose them to rain. Keep work areas well-lit.
- Do not use power tools in the presence of flammable liquids or gases.
- Always keep your work area clean, uncluttered, and well-lit. Do not work on floor surfaces that are slippery with sawdust or wax.
- Keep bystanders at a safe distance from the work area, especially when the tool is operating. Never allow children or pets near the tool.
- Do not force the tool to do a job for which it was not designed.
- Dress for safety. Do not wear loose clothing, gloves, neckties, or jewelry (rings, watches, etc.) when operating the tool. Inappropriate clothing and items can get caught in moving parts and draw you in. Always wear non-slip footwear and tie back long hair.
- Wear a face mask or dust mask. Sawing operation produces dust. **WARNING:** Dust generated from certain materials can be hazardous to your health. Always operate the saw in a well-ventilated area and provide for proper dust removal. Use dust collection systems whenever possible.
- Always remove the power cord plug from the electrical outlet when making adjustments, changing parts, cleaning or working on the tool.
- Keep guards in place and in working order.
- Avoid accidental start-ups. Make sure the power switch is in the off position before plugging in the power cord.
- Remove adjusting tools. Always make sure all tools are removed from the saw before turning it on.
- Never leave a running tool unattended. Turn the power switch to off. Do not leave the tool until it has come to a complete stop.
- Never stand on a tool. Serious injury could result if the tool tips or is accidentally hit. Do not store anything above or near the tool.
- Do not overreach. Keep proper footing and balance at all times. Wear oil-resistant rubber-soled footwear. Keep the floor clear of oil, scrap, and other debris.
- Check for damaged parts. Check for alignment of moving parts, jamming, breakage, improper mounting, or any other conditions that may affect the tool's operation. Any part that is damaged should be properly repaired or replaced before use.
- Make the workshop childproof. Use padlocks and master switches and always remove starter keys.
- Do not operate the tool if you are under the influence of drugs, alcohol, or medication that could affect your ability to use the tool properly.
- Use safety goggles at all times-that comply with ANSI Z87.1. Normal safety glasses only have impact resistant lenses and are not designed for safety. Wear a face or dust mask when working in a dusty environment. Use ear protection, such as plugs or muffs, during extended periods of operation.
- Keep hands well clear of the blade.
- Clamp the material in place whilst cutting.
- **For more information**
<http://www.hse.gov.uk/pubns/wis17.pdf>

2. Components, Features (FIG. 1)

- | | |
|---------------------------------|---|
| 1 Operating Handle | 17 Mitre Scale |
| 2 Power Safety Switch | 18 Adjustable Fence |
| 3 Fixed Blade Guard | 19 Workpiece Clamp |
| 4 Spindle lock | 20 Multi-tool – Hex Key and Screwdriver |
| 5 Guard Mounting Plate | 21 N/A |
| 6 Retractable Blade Guard | 22 Bevel Scale |
| 7 Saw Blade | 23 Sliding Rail Lock |
| 8 Adjustable Fence | 24 On/Off Switch |
| 9 Extendable Support | 25 Dust Extraction/Bag Outlet |
| 10 Mounting Hole | 26 Dust Collection Bag |
| 11 Saw Table | 27 Sliding Rail |
| 12 Turntable Locking Handle | 28 Bevel Lock |
| 13 Mitre Angle Adjustment Lever | 29 Adjustable Fence Lock |
| 14 Support Bolt | 30 Extendable Support Lock |
| 15 Table Insert | 31 Saw Hinge Locking Bolt |
| 16 Turntable | |

3. Specification

Voltage.	230V
Power.	1,800W
Saw Blade RPM.	4,500rpm
Saw Blade Diameter.	254mm
Saw Blade Bore.	30mm
Spindle Lock.	Standard Feature
Max Bevel Cut @ 45° W x H	215mm x 40mm
Max Compound Cut @ 45° W x H	215mm x 25mm
Max Crosscut @ 0° W x H	305mm x 90mm
Max Mitre Cut @ 45° W x H	215mm 90mm
Bevel Angle Range	45° to 0° to -45°
Laser Class	Class 2
Sound Power Level LwA (Uncertainty K)	92db(A)
Sound Pressure Level LpA (Uncertainty K)	104 db(A)
Table Size	470mm x 370mm
EAN Barcode	5052511142170
Dust Collection.	Dust Bag Supplied
Overall L x W x H.	870mm x 1,120mm x 615mm
Weight.	20.5kg

4. Setup and Assembly

Remove from packaging and check for damage.

- 1 Press and hold the Mitre Angle adjustment Lever down and rotate the machine to 0 deg on the Mitre Scale. Once in position, lock using the Mitre Lock Lever (FIG. 3).
- 2 See Section 6. Blade Change for blade fitting instructions.
- 3 Place the Dust Bag over the Dust Extraction Outlet.
- 4 On both sides of the machine there is a Location hole for the workpiece clamp. Insert the workpiece clamp into the side of your choice. (FIG. 6).

5. Operating Instructions

- 1 To unlock the Saw Hinge, you must slide the locking bolt into the out position, to allow this, you may need to press the saw down slightly (FIG. 7).
- 2 To enable the sliding function, loosen the Sliding Rail Lock (FIG. 8).
- 3 Adjust to the required cutting angle (bevel or mitre) (FIG. 9,10).
- 4 Ensure that the timber is fully located against the fence
- 5 Clamp the timber down against the base, use the extendable support for longer timber (FIG. 11).
- 6 Whilst holding the Safety Switch, also press the On/Off Switch, the machine will start (FIG. 12).
- 7 For smaller timber simply hinge the mitre saw head downwards at a slow steady pace to cut the timber (FIG. 13).
- 8 For larger timber start the saw, pull the saw head towards you, hinge down into the timber then push back towards the fence (FIG. 14).
- 9 Once the cut has been made release the on/off switch.
- 10 Keep the saw head hinged down until the saw blade has come to a full stop.
- 11 To stop the machine simply release both switches.

Mitre cuts:

- 1 Release the mitre turn table lock handle
- 2 Move/turn table to the required angle, left or right.

- 3 Re-lock at the required angle (FIG. 9).

Bevel cuts:

- 1 Slide the adjustable fence out, the left hand fence if your angle is to the left and the your right hand fence if the angle is to the right. (FIG. 15).
- 2 Release the bevel lock (FIG. 16).
- 3 Re-lock at the required angle (FIG. 17).

6. Blade change

- 1 Ensure that the saw is unplugged from its power source.
- 2 Move the blade guard up, then partially release the screw allowing the guard plate to hinge upwards (FIG. 18).
- 3 Press the spindle lock (FIG. 19).
- 4 Use the tool provided to release the blade locking nut- THIS IS A LEFT-HAND THREAD, UNDO THE SAME DIRECTION AS THE TEETH FACE.
- 5 Remove the nut, clamping flange and blade taking note of the blades rotation direction (FIG. 20).
- 6 Ensure that the blade to be fitted is clean and in good condition.
- 7 Ensure that the teeth face in the same direction as the blade that has just been removed.

7. Maintenance and troubleshooting

Maintenance

- Check the condition of the carbon brushes after 50 hours of use. If the brushes are worn to around 2 mm in length, replace them.
- Empty the sawdust bag regularly or connect to a dust extractor.
- Keep sawdust and off cut accumulation around and under the saw to a minimum.
- Regularly inspect the lower blade guard to ensure it operates properly.
- Ensure that the blade is in good condition and suitable for the material being cut.

Troubleshooting

- Out of square vertically – Adjust stop screw (FIG. 21).
- Out of square horizontally – Adjust fence (FIG. 22).
- Poor quality / rough cut – change to fine tooth blade, sharpening or replace blade

8. Warranty and Support

This product is covered by a 1-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.

