



INSTRUCTIONS FOR:
MITRE SAW
 MODELS: **MS130 & MS140**

Thank you for purchasing a Sealey Product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE OR PERSONAL INJURY, AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

1. SAFETY INSTRUCTIONS

- 3 Familiarise yourself with the mitre saw's application and limitations, as well as the specific potential hazards peculiar to the use of the saw.
- 3 Keep the saw assembly and blade in good order and condition. DO NOT use the mitre saw if damaged. Contact your locally Sealey dealer.
- 3 Always use genuine Sealey blades. Contact your Sealey dealer for further information.
- 3 Keep children and other persons away from the working area.
- 3 Keep good footing and balance, roll up sleeves, remove ties and loose jewellery.
- 7 DO NOT use saw for any purpose other than for which it is designed. DO NOT remove saw for other use, always use with pivot and base.
- 7 DO NOT hold the workpiece by hand. Use vice clamp provided to secure the workpiece.
- 7 DO NOT place hands, arms or body in path of saw blade, (blade is very sharp).
- p **WARNING!** DO NOT cut, grind, saw, sand any materials containing asbestos.

2. SPECIFICATIONS

MODEL:	MS130	MS140
Length of blade	.550mm (21-5/8")	.550mm (21-5/8")
Height of blade	.45mm (1-3/4")	.45mm (1-3/4")
Length of table	.400mm (15-3/4")	.400mm (15-3/4")
Width of table	.80mm (3-5/32")	.80mm (3-5/32")
Max. cutting height	.120mm (4-3/4")	.160mm (6-3/8")
Max. mitre cutting width at 45°	.105mm (4-1/8")	.105mm (4-1/8")
Max. mitre cutting width at 90°	.160mm (6-3/8")	.160mm (6-3/8")

3. INSTRUCTIONS FOR USE

The Mitre Saw is assembled ready for use. Unpack the saw and check to ensure it is not damaged. Should there be any damaged or missing parts contact your supplier immediately.

p **WARNING!** Before you use the mitre saw ensure that you have read and understood the safety instructions in Section 1.

3.1. VICE CLAMP

According to the angle being cut, the vice clamp (fig.1 item 1) may be fitted to either side of saw by screwing the clamp into the holes (A) on base. Ensure lock nut is tightened. Always clamp the workpiece firmly.

3.2. LENGTH STOP

The length stop (fig.1.2) may be fitted to either side of saw by screwing into holes (B) on base according to the feeding direction. Ensure lock nut is tightened. The stop may be used to cut several workpieces to the same length.

3.3. DEPTH STOP

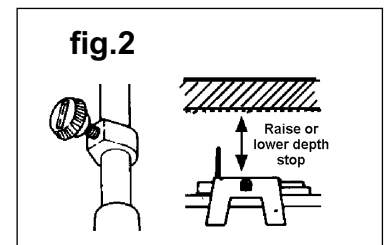
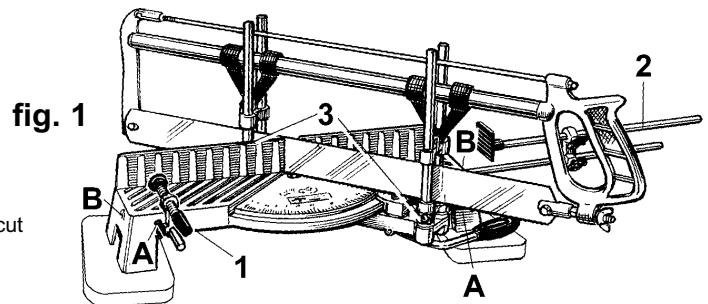
To adjust cutting depth loosen the front and rear depth-stops (fig.1. 3. & fig.2.) and slide the stops to the required height and re-tighten.

3.4. SAW BLADES

This mitre saw is supplied complete with a 14 teeth per inch blade for general purpose wood cutting. There are two other blade types available, 18 and 24 teeth per inch (not included).

Application

- 14 teeth per inch.....For general purpose wood cutting, the blade is fitted as standard.
- 18 teeth per inch.....For fine cutting wood. Also for plastic and aluminium.
- 24 teeth per inch.....For fine cutting brass, aluminium and other nonferrous metals.



3.5. MITRE CUTS USING PRE-SET ANGLES

The angle pivot arm (fig 3. A) may be locked in a number of common horizontal angle settings of: 22.5°, 30°, 36°, 45°, 90°. To set saw to a required common angle lift locking handle (B) to release locking pin (C), (which slots into holes on the underside of the base). Move pivot arm (A) from the 90° angle (fig 4a) until the pointer corresponds with the required angle setting (fig 4b). Release the locking handle to enable the locking pin (C) to slot into the common angle slot on the underside of the base. Refer to figure 9 for angle setting and approximate saw locking position.

NOTE: The base angle scale is given in degrees from the back wall of the saw base. The angle positions are pre-set at 90° less the amount required. Example: Required angle is: 22.5° will be set 90° less 22.5° = pre-set locking position of 67.5°. The pre-set pin location for a 30° angle will therefore read as 60° on the base scale, etc., (the 0° and 45° are set at the 90° & 45° indicators).

fig. 3

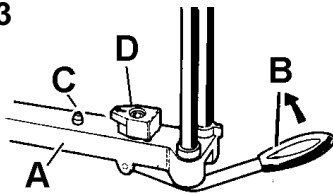


fig. 4a

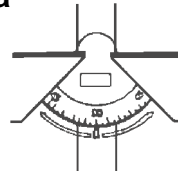


fig. 4b

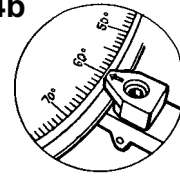
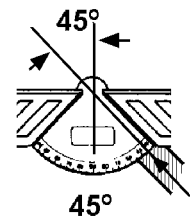
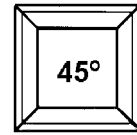
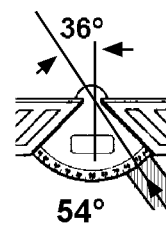
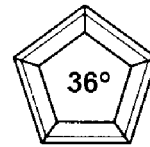
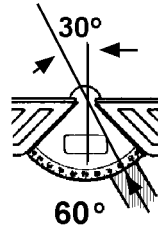
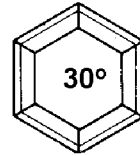
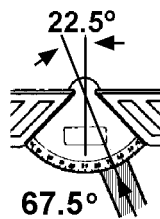
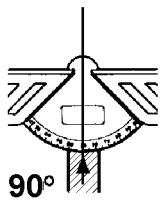
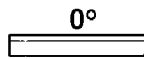


fig. 5

Pre-set angle locking position



3.6. HOW TO MAKE THE CUT TRUE

To get the best from this mitre saw ensure that:

- 3.6.1. The saw blade is tensioned sufficiently to avoid 'whip' which will cause the blade to deviate from a true cut.
- 3.6.2. The blade is 'in line' and central to the frame.
- 3.6.3. The workpiece is square and true.
- 3.6.4. The correct type of blade for the job is used.
- 3.6.5. Tension is always released after use.

IMPORTANT: Before making a cut ensure you have read and understood the safety instructions in Section 1. When you have finished, clean the saw and store it in a safe, dry, childproof area. DO NOT use the saw if any part of the assembly or the blade is damaged. Contact your local Sealey dealer for advice.

NOTE: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

IMPORTANT: No liability is accepted for incorrect use of this equipment

WARRANTY: Guarantee is 12 months from purchase date, proof of which will be required for any claim.

INFORMATION: Call us for a copy of our latest catalogue on 01284 757525 and leave your full name and address including your postcode.



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