



FrameCo

EZY-MEASURE

SET-UP PROCEDURE FOR POWER SAW

#10125

PERFECT MITRES EVERYTIME

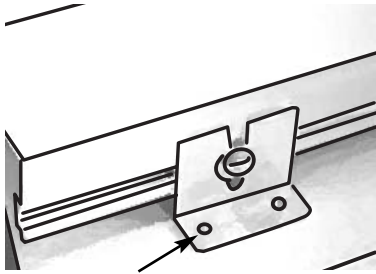


fig. 1 Screw the saw onto the base board or bench top.

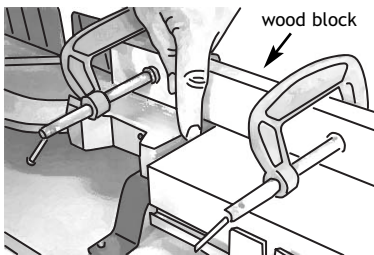


fig. 2 Clamp a wood block on either side to align each unit.

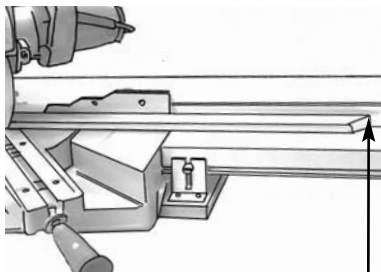


fig. 3 Position the test piece against the blade. Mark the other end.

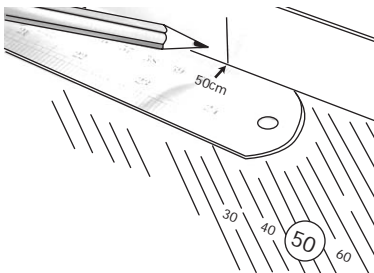


fig. 4 Measure from the blade to the mark along the back edge.

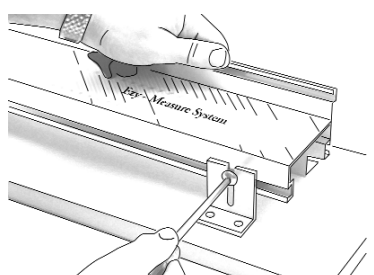


fig. 5 Adjustable Legs

The FrameCo EZY-MEASURE table is intended to compliment your Mitre Saw. It will adapt to most models of electric or manual saws, and combined with the Measure Mate Calculator, can be used for cutting 4, 5, 6, 8, 10, and 12 sided frames (ie. 45°, 36°, 30°, 22°, 18°, 15°). For best results mount your saw and measuring system directly onto the bench or to a separate base board so that the system is portable. The ideal base board size is 200 X 1400 X 19mm. Either way, the set up procedure is the same.

Set-Up Procedure for Power Saw

Do NOT stick the scale to the base until you have completed step 2.

1. With your power saw mounted to the bench, the first step is to assemble the measuring system and fix it into position. Fit the two parts of the measuring system together then fix the adjustable legs to the base using the screws and nuts provided. Position the system to the right-hand side of the saw - screw it into place after first aligning the back of the system with the back of the saw. see fig 2.

Leave approximately 1cm -1/2" or finger width gap between the saw and the measuring system - the vibration of the saw may move the measuring table if they are touching.

2. The back fence of the system and the saw should be in alignment. A wood block clamped on either side (as in fig 2) will make this job easier. Adjust the height of the measuring table so that it is the same height as the saw table. With some heavy duty power saws you may have to place spacer blocks under the legs of the measuring system to build it up to the same height as the power saw - see fig 5.

Lock all this into position and fix the measuring system to you bench.

3. To position the scale onto the measuring system base in exactly the right position we must first calibrate the scale. With hand operated saws the pivot position is on the center point of the back fence. But with most power saws the pivot position is located further back than the center point of the back fence.
4. To calibrate the scale, we cut a sample test piece, mitre cut both ends. Cut a length approximately 300mm or 12" long...keep it to a round number. Place this piece into the unit with the saw blade at rest in the right side cut position. Position the piece up against the blade and then make a pencil mark on the back of the system table as in fig 3. Measure along the back edge the length between the saw blade and the pencil mark with a steel rule. This is the measurement which will line up with the same measurement on the scale.

An alternative is to measure the length of the test piece...measure the length of the back side. Use this measurement to set the scale. fig 4.



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4. Make a trial cut to check the positioning and accuracy of the scale. The whole table system can be moved left or right by loosening the leg nuts, and adjusting the table to the corrected position.
5. To read the scale, slide the mitred piece along the table until the inside edge of the rebate aligns with the desired length on the scale. Add approx. 2mm extra for rebate clearance. ie: allowance so that your artwork will fit easily into the made-up frame. See fig. 6

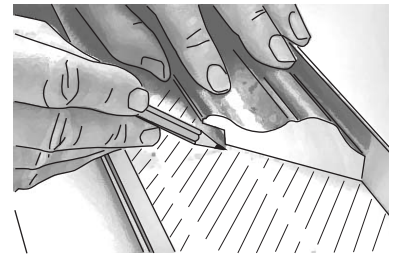


fig. 6 When the inside edge of the rebate crosses the line.

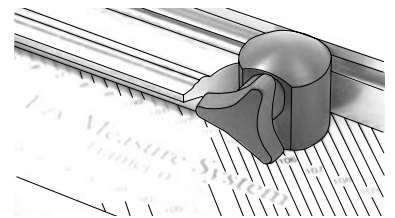


fig. 7 Use the stop for repetitive cuts.

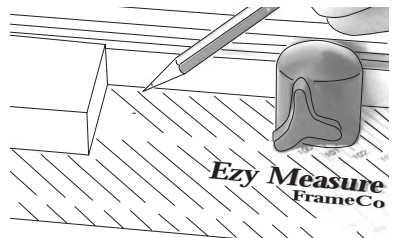
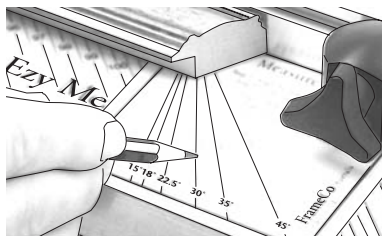


fig. 8 Read the top end of the scale to measure 90° cuts.

Clamp the moulding stop in position and cut the first length. See fig. 7
 Straight or 90° cuts can also be measured by reading from the top end of the scale. See fig. 8

6. Ezy Measure Extension Kit. An Extension table, 50 cm (20") long can be added to the Ezy Measuring System. The Extension Kit includes support table, additional scale and support legs. The Extension table will make it possible to measure up to 168cm (64").



Use the Measure Mate to cut 5, 6, 8, 10 or 12 sided frames.

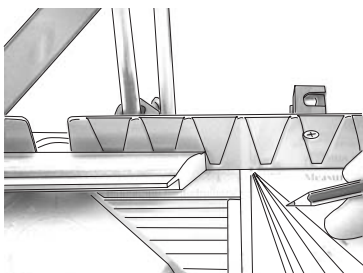
Hand Operated Mitre Saws

Saw Blade Recommendations.

18 TPI - Picture frame mouldings, plastics, architraves and general carpentry.

24 TPI - Finer cut for more delicate picture frame mouldings.

32 TPI - Aluminum framing and cutting thin metal materials.



Use the Measure Mate scale for cutting small lengths.

#10125 Ezy-Measure System 0 - 114cm (0 - 43")

#10127 Ezy-Measure System Extension Table 114cm - 168cm (43" - 64")

Extension table is locked into the existing table with the pins provided.

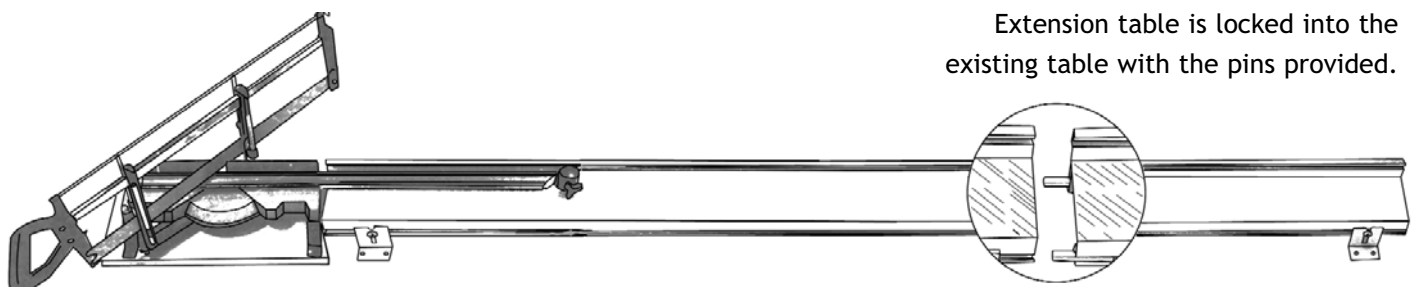


fig. 8 Saw not included ← #10125 Ezy-Measuring System 0 - 114cm (0 - 43") → #10127 Extension 114 - 168cm (43" - 64") →