Handy Hints Sheet 16

...helping you get started.

Using A **LOGAN** Mitre Saw To Cut Moulding

You will need:

- **1 x piece mounted art**
- **1 x rule**
- **1 x mitre saw**
- **lengths of chosen moulding**
- **1 x mitre saw**
- **1 x pencil**

Diagram 1:
Make sure you know the parts of your mitre saw system and how it is operated.

Take care placing moulding into the saw system. It should always have the "good" side facing up, the back against the "fence" and the rebate facing you.

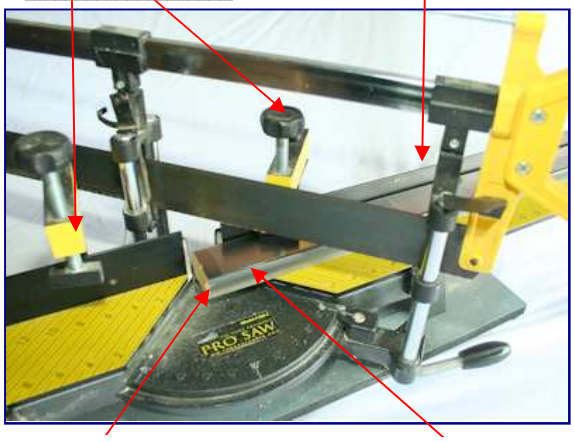

Diagram 2:
Where the mitre cuts through the back of the rebate is the point used to gauge length.

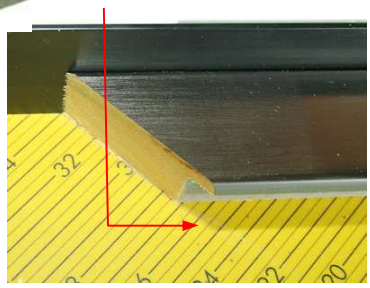

Diagram 3:
Bring the measure stop up to the positioned, mitred end. Tighten the stop. This provides a physical measure for the next section

You will have already ordered the moulding for you project. **(see HH sheet Choosing the Style and Quantity of Moulding For A Frame)**

The Logan Saw is designed with framing in mind. It is easy to work on a pair of sides and then repeat the process for the other pair.

1. For a more secure cutting procedure, you can clamp the base of the saw block to the work bench.

2. To start the process, ensure that the moulding is correctly orientated. When cutting, the moulding will be placed onto the "block" with the back of the moulding against the saw fence; the moulding face up and the rebate towards you.

3. **Long sides, first cut.** Slide the moulding into the block from the right. Slide to the left until the end has moved past the gap in the saw fence. Anything to the left of the gap will be waste material so keep that amount to a minimum

4. Use the right hand clamp to grip the moulding. Place the clamp head on the moulding, as close in to the cutting line as possible. If you are prepared to waste more material, you can slide the moulding far enough to the left to allow the left hand clamp to be used. **(see diagram 1)**

NOW MAKE SURE THAT THE SAW HAS BEEN SWUNG ROUND TO THE RIGHT AND SET AT THE 45°SETTING.

5. Start the cut at a steep angle (remember to point your index finger of the gripping hand along the outside edge of the saw handle). As the cut progresses, develop longer cuts and a smooth, seesaw action.

6. When you have completed the cut, loosen the clamp ready for moving the moulding section and raise the saw blade to its holding position above the saw block.

7. **Return cut, long sides.** Use the glass size length of the mounted artwork as your guide for measuring the position of the return cut. The point, at which the mitre (from the first cut) goes through the back of the rebate, is the one you place on the appropriate diagonal mark on the saw's measuring arm. **(see diagram2)** It is usual practice to make the section 2mm longer than the actual mount length. This ensures that the artwork will fit comfortably in to the finished frame.

8. When the moulding is in the correct place, engage and tighten the two saw clamps ready for the cut. Then slide the measure stop up to the mitred end of the moulding and tighten the block in place **(see diagram 3).** *Using the measure stop will ensure that when you come to creating a second, matching length, you will not need to spend time measuring.*

9. **NOW SWITCH THE SAW TO THE LEFT AND CLAMP IN THE 45° POSITION.** Repeat the cut procedure in step 6. Release the two saw clamps but leave the measure stop in place. Lift the saw and remove the moulding section you have created.

10. To cut the second section of the longer pair, take a second length of moulding and repeat steps 3 to 7. For the return cut, slide this moulding section to the left until the mitre end, that you have just cut, butts up against the measure stop. Now repeat steps 9 & 10.

11. **Short sides. To complete the second pair of moulding lengths, repeat all steps (2 to 11)**