

Thank you for purchasing a Trimalco product. Manufactured in the UK 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 BELOW. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT WAS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE OR PERSONAL INJURY, AND WILL INVALIDATE THE WARRANTY.

SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS:-

1. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE. (FURTHER COPIES CAN BE DOWNLOADED FROM www.trimalco.com)
2. WEAR APPROPRIATE EYE PROTECTION DURING OPERATION.
3. KEEP HANDS AWAY FROM THE CUTTING BLADE DURING OPERATION.
4. ALWAYS USE BOTH HANDS TO PULL/PUSH DOWNWARD ON THE CUTTING HEAD HANDLES WHEN USING THIS TOOL.

1. INTRODUCTION

- 1.1 The Trimalco TH#3A (aluminium composite V groover) is specially designed to cut a strip of material from the surface of aluminium composite sheets up to 5mm thick – enabling bending and folding of the substrate for a wide variety of applications. Follow these instructions for optimum safety, cut quality and performance.

2. SETTING THE BLADE DEPTH

- 2.1 Place a sample of the aluminium composite you wish to cut onto the Apollo squaring arm and apply the clamp. Insert the TH#3A toolholder and position the cutting head so the V groove blade is resting on top of the material (fig.1).
- 2.2 Push the TH#3A toolholder fully forward so that the plastic ramp is in total contact with the face of the material and then tighten the securing knob, (IMPORTANT – THE PLASTIC RAMP MUST BE IN FIRM CONTACT WITH THE MATERIAL SURFACE IN ORDER TO MAINTAIN A UNIFORM GROOVE DEPTH THROUGHOUT THE FULL CUTTING STROKE) (fig. 2).
- 2.3 Turn the depth adjustment screw using the 5mm allen key supplied with the Apollo. Turn clockwise to increase the depth of cut or anti-clockwise to decrease the depth of cut (fig. 3). As a general rule, allow a minimum of 0.5mm of the material's plastic core, plus the aluminium skin, to remain after the material has been cut.

3. MAKING THE CUT

- 3.1 Grasp both handles on the cutting head and pull/push downwards in a slow steady manner to make the cut. Complete the cut by pulling/pushing the head down to its bottom resting place (fig. 4).
- 3.2 Unclamp the material, remove it from the Apollo and bend the sheet as required (fig. 5).
- 3.3 Make any final adjustments to the blade depth by following the instructions in paragraph 2.3
- 3.4 No further adjustment will be required unless you change the thickness of the material to be cut. IMPORTANT – ALWAYS ENSURE THAT THE PLASTIC RAMP IS IN FIRM CONTACT WITH THE MATERIAL SURFACE BEFORE STARTING EACH CUT.

4. REPLACING THE BLADE

- 4.1 Using the 2mm allen key supplied with the Apollo, remove the two M3 screws (one on each side of the blade holder) and remove the old blade.
- 4.2 Fit the new blade with the cutting edge pointing downwards and insert the two securing screws (fig. 6).

5. SPARE PARTS

- 5.1 Spare parts can be obtained by visiting our website at www.trimalco.com

