

**TRIMALCO**

LARGE FORMAT CUTTERS

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made in the UK

# **ATLAS for ATHENA**

**A3**

## **INTEGRATED CUTTING TABLE**



Owners Manual for models  
70/110/160/210/260/310/360

# Introduction

Thank you for purchasing this Table. It has been manufactured in the UK to the highest standard and if used in accordance with these instructions and properly maintained, it will give you years of trouble free performance.

We want your experience using this machine to be exceptional, so for maximum safety and productivity, please read and understand this manual thoroughly before operating.

## Product warranty

The manufacturer warrants the table purchased to be free from defects in parts and workmanship for five (5) years from the date of purchase. The manufacturer warrants that it will repair or replace any such defective machine or replace parts, providing the table has been under normal use and service and the defective part or table is returned to the manufacturer at the purchaser's expense. The manufacturer must authorise the return in writing. Proof of purchase must be submitted to validate warranty coverage. The warranty is in lieu of all other agreements and warranties expressed or implied.

THE MANUFACTURER DOES HEREBY EXPRESSLY DISCLAIM ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. The manufacturer does not authorise any company employee or representative to assume for it any other liability than that set forth in this Product Warranty. The manufacturer shall not be liable for any damages or losses, whether incidental or consequential, direct or indirect, arising out of the use or abuse of this machine. This Warranty is valid only when the machine is used with the manufacturer's consumables and replacement parts. In any event, THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY UNDER THIS OR ANY OTHER WARRANTY IS LIMITED TO RETURN OF THE PURCHASE PRICE PAID FOR THIS MACHINE.

## Safety first !

Please read through this manual before using this Table. If after reviewing these pages you still have questions about the safe use of this table, contact your supplier.

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NOTE: EACH TABLE CONSISTS OF AN END FRAME SET (TWO END FRAMES) AND A BEAM SET. SOME MODELS ALSO REQUIRE ONE OR MORE CENTRE FRAME SETS. START WITH THE END FRAME SET AS THIS INCLUDES INSTRUCTIONS AND OTHER ITEMS YOU WILL NEED BEFORE MOVING ON TO THE CENTRE FRAME AND FINALLY THE BEAM SET.

### The End Frame Set

The End Frame Set consists of the following components (as shown opposite).

Top Beam RH x 1

Bottom Beam x 2

Top Beam LH x 1

Legs x 4

End Frame Fixings Bag

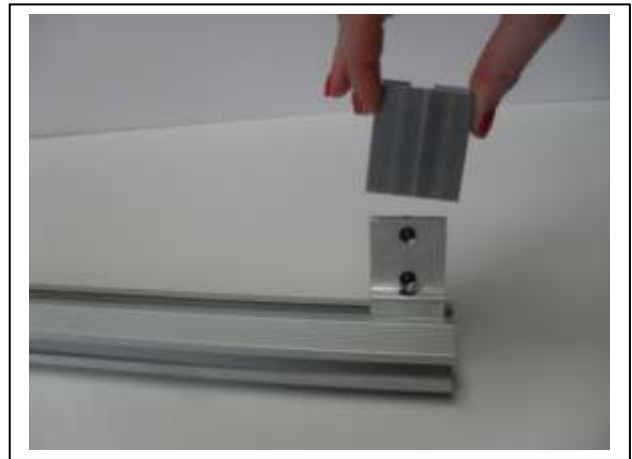
### Assembly

Slide the first bracket into the leg as shown opposite. Fit the beam spacer over the bracket and slide both towards the end of the leg. Align the top of the spacer with the end of the leg. ENSURE THE GRUB SCREW IS TIGHTENED FULLY so that the tip of the grub screw bites into the web on the inside of the leg extrusion.

When fitting the second bracket to the top of the leg ensure that it is fitted so that the flat edges are on the inside as shown.

Fit the brackets to the bottom of the legs using a tape measure to position them to suit your requirements. Ensure the bottom brackets are fitted to exactly match the orientation of the top brackets. Repeat this procedure for the other 3 legs.

Lay one of the leg assemblies on the floor, brackets pointing up and away from you. Insert the bottom beam and the top LH beam and insert the beam sections (top and bottom) as shown opposite. DO NOT TIGHTEN ANYTHING AT THIS STAGE.



## 2.1 UNPACKING & ASSEMBLING THE END FRAMES 2.1

### The End Frame Set Assembly (cont.)

Place a second leg assembly on top to complete the end frame. Once everything is positioned properly with no gaps between the leg and beam extrusion, tighten the grub screws. The completed LH end frame is shown opposite. DO NOT OVERTIGHTEN THESE GRUB SCREWS AS THIS WILL DISTORT THE FACE OF THE BEAM EXTRUSIONS

Repeat everything for the second End Frame.



## 2.2 UNPACKING & ASSEMBLING THE CTR FRAME(S) 2.2

### The Centre Frame Set (where required)

The Centre Frame Set for the 1.6m and 2.1m tables consists of the following components.

Top Beam CTR x 1  
Bottom Beam x 1  
Legs x 2  
Centre Frame Fixings Bag

The Centre Frame Set for the 2.6m, 3.1m and 3.6m tables consists of the following components.

Top Beam CTR x 2  
Bottom Beam x 2  
Legs x 4  
Centre Frame Fixings Bag

Follow the instructions for UNPACKING AND ASSEMBLING THE END FRAMES in 2.1

Add a third bracket to the top and bottom of both legs as shown opposite.



### The Beam Set

The Beam Set for the 0.7m and 1.1m tables consists of the following components (see opposite).

Standard Beam x 3

Athena Support Beam x 1

The Beam Set for the 1.6m and 2.1m tables consists of the following components.

Standard Beam x 6

Athena Support Beam x 2

The Beam Set for the 2.6m, 3.1m and 3.6m tables consists of the following components.

Standard Beam x 9

Athena Support Beam x 3

Place the LH End frame on the floor with the brackets pointing up and position the Athena Support Beam on the top left bracket and the 3 x Standard Beams on the other brackets as shown opposite. **DO NOT TIGHTEN ANYTHING AT THIS POINT.**

NOT SHOWN - For 0.7m and 1.1m tables continue as follows. Place the remaining End Frame over the Beams (this may be easier with help from an assistant). Once in position and you have made sure that there are no gaps, tighten the remaining grub screws.

SHOWN - For tables 1.6m and above continue as follows. Place a Centre Frame over the Beams (this may be easier with help from an assistant). Once in position and you have made sure that there are no gaps, tighten the remaining grub screws.



## 2.3 UNPACKING AND FITTING THE BEAM SET 2.3

Place the sub assembly on its feet.

For tables 1.6m and 2.1m continue as follows.



Place the remaining Support Beam and the 3 x Standard Beams over the brackets (DO NOT TIGHTEN THE GRUB SCREWS AT THIS POINT) then place the remaining end frame over the Beams (this may be easier with help from an assistant).



For tables 2.6m, 3.1m and 3.6m  
Assemble the opposite end of the table by following the instructions above for Tables 1.6m and above.

These can then be linked by a Support Beam and 3 Standard Beams to complete the table.





FIT THE ATHENA 3 AT THIS POINT FOLLOWING THE INSTRUCTIONS ARE INCLUDED WITH THE CUTTER.

The worktop is not supplied, we recommend using 18mm or 19mm (3/4") MDF or similar cut to the following sizes.

ATHENA 70 Table  
One 900 x 1015mm

ATHENA 110 Table  
One 1300 x 1015mm

ATHENA 160 Table  
One 1800 x 1015mm or two 900 x 1015mm

ATHENA 210 Table  
One 2300 x 1015mm or two 1150 x 1015mm

ATHENA 260 Table  
One 2800 x 1015mm or two 950 x 1015 and one 900 x 1015mm

ATHENA 310 Table  
One 3300 x 1015mm or two 1116 x 1015mm & one 1066 x 1015mm

ATHENA 360 Table  
One 3800 x 1015mm or two 1283 x 1015mm and one 1233 x 1015mm

These sizes will give a 30mm overhang on either side and a 30mm overhang on the rear

Fix the worktop in place using the brackets provided, position a bracket along the centre of each beam section and fix as shown opposite





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