

# CONTOUR CUTTING MACHINE

## TYPE CCM- MANUALLY OPERATED

### FOR FLEXIBLE, RIGID- AND BONDED FOAM



The HYMA Manual Contour Cutting Machine Type CCM-210

The CCM Contour Cutting Machine is developed by HYMA to be a reliable and highly economic manual operated cutting equipment, for universal use for converting flexible and rigid foam and mineral wool to various shaped components.

The CCM Contour Cutting Machine can namely be economical viable for:

- Low volumes production within the upholstery manufacturing.
- In production of packaging material.
- Shaping rigid foam for any insulation use.
- Cutting mineral wool.

The HYMA CCM machine offers important benefits to the user:

- High flexibility in setting up for production
- Sharp corners and small radius can be obtained
- Optimum usage of material
- Simple operation
- Rugged construction and few wearparts

- Can be fitted with dust extraction for limiting air pollution

The CCM Machine is cutting by means of an endless wire which can be selected in different grades of coarse depending on the type material to be cut.

The wire runs with a speed of approximately 80 meters per minute, which will facilitate cutting speed of approximately 4 meters per minute, however depending upon the form and density of the material to be shaped.

The contour is made by guiding manually the cutting section around the template fasten on to the side of the machine.

The cutting section is balanced for easy and effortless operation.

The CCM machine is fitted with four dynamic balanced wheels with an elastic surface of special material which guides the cutting wire for optimal alignment and long life.



Template for guiding the cutting wire to cut required shape.

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# **HYMA**

**COMPLETE SERVICE  
FOR THE FOAM INDUSTRY**

## **CONTOUR CUTTING MACHINE TYPE CCM- MANUALLY OPERATED FOR FLEXIBLE, RIGID- AND BONDED FOAM OR MINERAL WOOL**

The HYMA CCM machine can be delivered in two versions:

- A) With fixed table.
- B) With height adjustable table.

The choose of table system depends on type and size of foam to cut.

### **Fixed table.**

The standard machine is equipped with fixed table and with manual block retaining plate on top to secure right and steady positioning of the foam block. On the standard machine the block retaining plate on top can be delivered optional with motorized or as an alternative with optional vacuum section in table surface.

### **Height adjustable table.**

The machine can also optional be delivered with height adjustable table and high restplate. The height adjustment can be manual or motorized. Block retaining top plate is not offered together with the height adjustable table.



Type CCM-140 with height adjustable table.

### **STANDARD EQUIPMENT:**

- Stationary table with emery covered table-top.
- Manually operated block retaining top plate.
- Manually operated weight-balanced cutting section with four dynamic balanced wheels.
- Electric wire drive motor.
- Cutting wire made of endless, twisted steel wire.
- Pneumatic-piston cutting wire tension control.
- Lateral perspex plate for template mounting.
- Electrical control box mounted adjacent to operator.

### **STANDARD DIMENSIONS:**

Cutting length: 1300 mm  
 Cutting width:  
     a) 1400 mm (Type CCM-140)  
     b) 2100 mm (Type CCM-210)  
 Cutting height: 1250 mm

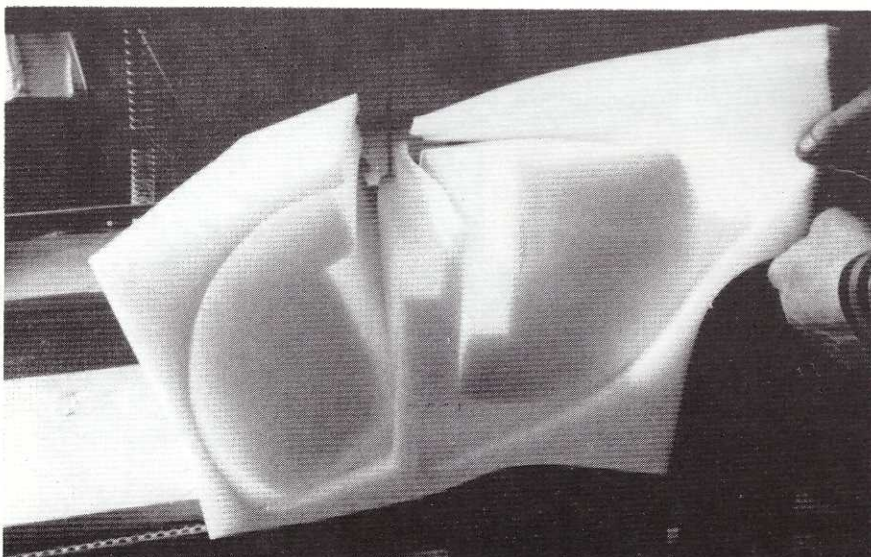
### **POWER SUPPLY:**

Standard 380 Volts, 3-Phase, Neutral, 50 Cycles, 2,4 KW (Alternative currency on request)

Compressed Air 6 bar.

### **OPTIONAL EQUIPMENT:**

- E01 Fixed table with vacuum section.
- E02 Motorized block retaining top plate.
- E03A Motorized height adjustable table with vertical restplate.
- E03B Manual operated height adjustable table with vertical restplate.
- E04A Dust extraction unit Type ZDE with sack filling unit.
- E04B Dust extraction vacuum unit.
- E05 Electric motors and control equipments to meet other standards than EEC norm spec. (like 60 hz, UL-approved etc.).



The foam can be cut to any shape according to template.

### **ADDITIONAL DIMENSIONS:**

Adjustable table measurement:

Length: 1000 mm  
 Width:           a)     1400 mm  
                       b)     2100 mm  
 Height of restplate:     1000 mm

*HYMA also offers a full range of vertical, horizontal and bevel angle cutting machines specially designed for optimal production and conversion of flexible, rigid and bonded foam. Most of these machines can also be used for cutting insulation material like mineral wool.*

*Contact us for further information.*

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