

CIRCULAR CUTTING MACHINES

FOR FLEXIBLE PU FOAM

MODEL CCM56/66



STANDARD EQUIPMENT:

- Rotary slitting table with wooden tabletop having friction surface.
- Circumference friction drive (max. Speed 100m/min) having soft movement on table-start and -stop.
- Infinitely variable table speed control : 0 to 5 rpm using a variable frequency drive.
- Slitting section with four balanced blade-wheels.
- Motorized slitting section.
- Tensioned teflon (PTFE) coated blade guide.
- Electric blade drive motor.
- Single-edge ground band-knife with manual tensioning system Band-knife width: 30 mm.
- Electric grinding apparatus with two adjustable cup-stones. (Manual dresser).
- Grinding dust exhaust.
- Vacuum system in slitting area.
- Electric adjustment of slitting angle: 0 to 5 degrees.
- Control panel with PLC & colour touch screen.
- Pre-selection of slitting thickness by touch screen from 1.5mm to 200mm.
- Pre-selection of number of table-revolutions through touch screen for 1-999.
- Blade breakage detector with auto shut off.
- Blade ON warning light.

The circular cutting machines from ASE are designed to provide an accurate and reliable means of cutting flexible PU foam blocks into desired thickness ranging from mattresses (100 to 200mm) to thin sheets as low as 1.5mm. These machines are fully automatic and are available in two sizes CCM56 & CCM66.

An AC motor with variable speed, drives the rotary table loaded with foam blocks. The slitting section driven by an electric motor through transmission belts lowers to the preset thickness automatically after each revolution, giving a stack of sheets of the desired thickness.

The cutting executed by an endless band saw blade running on four dynamically balanced wheels results in a smooth and finished cut.



Khasra No. 28/23/2, Village Badli, Delhi-110042 (INDIA), Ph.: +91-11-27857561, 27855570 Fax: +91-11-27853498
URL: www.as-enterprises.com • www.foamconsultant.com, E-mail: ase@bol.net.in • asedelhi@gmail.com

INDIA'S LARGEST MANUFACTURERS & EXPORTERS OF POLYURETHANE FOAM MACHINES

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FOR FLEXIBLE PU FOAM

Construction:

The machine has a very strong welded steel construction. The table is made with solid sections connected by MS pipes. The table revolves on heavy duty rollers and the cutting unit is stationary, moving vertically up and down on Strong pillars.

Blade drive :

The band-knife runs on four PU coated balanced wheels which are mounted on align-able bearing hubs. The system is driven by an electric motor. The blade is 30 mm wide and moves between a pre-tensioned knife guide which keeps the blade in position during cutting.



CE Compliant Models Also Available With Safety Features (in Conformity to the requirements of the EC Machinery Directive 89/392 Ewg & ANSI B151.28)

MODEL	LOADING CAPACITY			SPACE REQUIRED	TABLE DIAMETER	INNER DIAMETER
	6 ft. x 3ft.	2m x 1m	2m x 1.5m			
CCM 66	11 blocks	7	5	9m x 9m	6.6m	2 m
CCM 56	8 blocks	5	4	7m x 7m	5.6m	1 m

Power Supply: 415 V AC 50 Hz

Stacking Height: 1200 mm

Power Required: 22 HP

220v/60z Electricals can be provided against order.



7 years old machine in operation at our customer's factory



25 years old machine in operation at our customer's factory



A.S. ENTERPRISES

An ISO 9001:2008 Certified Company

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