



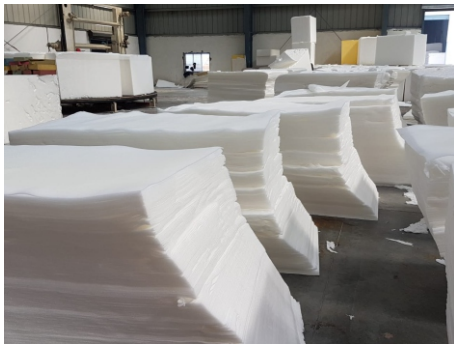
A S Enterprises
Foam Machinery Experts

CIRCULAR CUTTING MACHINE

A reliable solution for cutting all types of flexible foams ranging from very low density to re-bonded foam.

INDIA'S LARGEST MANUFACTURERS OF PU FOAM PROCESSING AND CUTTING MACHINES

CIRCULAR CUTTING MACHINE



CE Compliant Models also available with safety features (in Conformity to the requirements of the EC Machinery Directive 89/392 Ewg & ANSI B151.28)

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 have automatic operation and are available in two table sizes.

An AC motor with variable speed, drives the rotary table loaded with foam blocks. The slitting section is driven by an electric motor through steel transmission belts. It lowers to the pre-set thickness automatically after each revolution, giving a stack of sheets of the desired thickness. The cutting is executed by an endless band saw blade running on four dynamically balanced wheels resulting in a smooth and finished cut.

STANDARD SPECIFICATION

- 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.
- Motorized Slitting section with four balanced blade-wheels.
- Tensioned teflon(PTFE) coated blade guide.
- Electric blade drive motor.
- Single-edge welded 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.

SAFETY FEATURES

All moving parts are protected with covers • Blade is protected at all places except at the point of cutting • Warning light when the blade is ON • Emergency STOP button on the control panel • Blade breakage detector with auto shut-off.

CONSTRUCTION

The machine has a very strong welded steel construction. The table is made with solid inner and outer 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.

MODEL	LOADING CAPACITY			SPACE REQUIRED	TABLE DIAMETER	INNER DIAMETER
	6 ft. x 3ft.	2m x 1m	2m x 1.5m			
CCM66	11 blocks	7	5	9m x 9m	6.6m	2 m
CCM56	8 blocks	5	4	7m x 7m	5.6m	1 m

• POWER SUPPLY : 415V AC 50 HZ • CUTTING & STACKING HEIGHT : 1200 MM
• POWER REQUIRED: 22 HP • SPECIAL VOLTAGE AND FREQUENCY CAN BE PROVIDED AGAINST ORDER.



A S Enterprises
Foam Machinery Experts

Plot No. 28/23/2, Village Badli, Delhi-110042 (INDIA), Ph.: +91-11-27857561, 27855570, Mob.: 9811109929

For more details visit us at: www.as-enterprises.com | www.foamconsultant.com or write: aseinfo@as-enterprises.com, asedelhi@gmail.com

INDIA'S LARGEST MANUFACTURERS OF PU FOAM PROCESSING AND CUTTING MACHINES

The company policy aims at continuous improvement of the products, and therefore all rights to change the design and specifications without notice are reserved.
Pictures are only suggestive, actual machine may look different.