



**A S Enterprises**  
Foam Machinery Experts



# **CIRCULAR CUTTING MACHINE S-PLUS**

- | **Heavy Duty Construction**
- | **Highly Productive Machine**
- | **Top Cutting Speed of 10 RPM**
- | **Aluminum Table Top**
- | **Versatile - Can cut Soft / Hard /  
Highly-Filled / HR / Visco Foams**

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

# CIRCULAR CUTTING MACHINE S-PLUS

The S-Plus 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.

An AC motor with variable speed, drives the rotary table loaded with foam blocks. The slitting section is driven by an electric motor through accurate ball screws. 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.

## MAIN FEATURES

- High speed cutting up to 10 RPM
- Automatic grinding attachment.
- Heavy duty vacuum under the cutting table.
- Foot peddle on table reverse function for easy loading unloading.
- Geared motor for blade having variable speed drive.
- Top pressing roller to assist while cutting high density foams
- Digital indication of table speed on the display.
- Multi recipe cutting program
- Single block function (As soon as the cut is complete, the speed increases automatically till the block again comes close to the blade for cutting.)

## SAFETY FEATURES

- Safety fence all around the table
- All moving parts are protected with covers
- Blade breakage detector with auto shut off
- Warning sings and marking
- Immediate table stop on power failure

## CONSTRUCTION

The machine has a very strong welded steel construction. The table is made with solid inner and outer ring sections connected by MS pipes. The table revolves on heavy duty rollers and the cutting unit moves vertically up and down on strong pillars, driven by accurate ball screws.

## 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 geared 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			
CCM66S+	11 blocks	7	5	9m x 9m	6.6m	2 m



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

• POWER SUPPLY: 415V AC 50 HZ • STACKING HEIGHT: 1300 MM  
• POWER REQUIRED: 22 HP • SPECIAL VOLTAGE AND FREQUENCY CAN BE PROVIDED AGAINST ORDER



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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.