

# MAX FOAM PLANT

FOR PRODUCING FLAT TOP FLEIXIBLE PU FOAM BLOCKS

## SLABSTOCK FOAM PLANT FM200



The FM200 is an entry level machine for production of flexible PU foam block by Max-Foam Process. Blocks of desired length can be cut with the help of a block cut-off machine at the end of the conveyor.

### Special Features:

- Totally inclosed foaming tunnel
- Online Density and color change
- Floor Standing Mixer
- Mag Drive pump for TDI
- Aluminum slats for conveyor



**A.S. ENTERPRISES**

An ISO 9001:2008 Certified Company

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**INDIA'S LARGEST MANUFACTURERS & EXPORTERS OF POLYURETHANE FOAM 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.

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## STANDARD EQUIPMENT

## SLABSTOCK FOAM PLANT FM200

CATALYST TANKS	S. No.	Chemical	Quantity	Capacity
	i	Water	1 Tank	500 Ltrs.
	ii	Amine	1 Tank	100 Ltrs.
	iii	SO	1 Tank	100 Ltrs.
	iv	Silicone	1 Tank	200 Ltrs.

  

<b>CHEMICAL METERING</b>	All the chemicals are metered with the help of suitable capacity geared pumps from internationally reputed companies. There are in all 9 chemical streams and air injection. Catalyst streams come with tanks, pumps, return valves and pipeline to and from the mixer Polyol, TDI and Mecl streams come with pipe, valves and flexible pipe upto 1.5m from the mixer. Output of all chemicals is controlled through digital RPM meters.
<b>FLOW MONITORING</b>	Glass tube rotameters are provided for TDI, Mecl and water. Polyol and catalysts are metered through accurate RPM sensors and meters.
<b>MIXING HEAD AND MANIFOLD</b>	It is high speed pin type stirrer with a 30 hp. AC motor having changeable pulleys for different speeds. All the streams are fitted on to the mixing head via 3 way valves mounted on a manifold heaving pneumatic controls. A multi-groove belt is used for driving the mixer without slippage. Provision for adding 2 streams of Polyol and 3 streams for additional catalyst can be made against order.
<b>FOAMING SYSTEM</b>	Two troughs are provided with the machine. Troughs have plastic holding system for easy maintenance. The fall plates are made in 4 sections each having independent wheel handle for height adjustment.
<b>TUNNEL &amp; CONVEYOR</b>	A totally enclosed tunnel is provided with the machine. Side walls are fixed in width which is specified by the customer. Two Powerful fume extraction fans are provided in the tunnel, without duct. Bottom conveyor has strong aluminum slats and heavy duty MS chain. The tunnel is made with heavy duty MS sections, covered with waterproof ply-boards.
<b>PAPER FEEDING</b>	Bottom paper feeder is placed under the foaming tunnel and the side papers are fed from vertical paper feeders located on both sides of the tunnel. All the papers are automatically rewound at the end of tunnel, with the help of re-winders driven by torque control drives.
<b>ROLLER CONVEYOR</b>	A three meter long free-roller conveyor is provided after the slat conveyor.
<b>CONTROL PANEL</b>	A controlled desk type panel is provided with this machine. Pneumatic & electric controls are all placed in this panel and are clearly marked. All meters and gauges are mounted on the front for simple operation. Clearly marked MPCB are provided for all motors.
<b>OPTIONAL EQUIPMENT</b>	Loading Pumps for Polyol, TDI and Mecl, Additional Polyol / Color streams, Touch Screen and PLC System, Variable Foaming Width, Conveyor Side Wall, Chiller, Trolley, Tanks for Polyol, TDI and Mecl,

● Space Required : 45M x 6M

● Power Required : 50 KW.

● Power Supply : 410V AC 50Hz



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