

SEMI AUTOMATIC BATCH FOAM MACHINES FOR FLEXIBLE PU FOAM



MODEL BFM S

Batch foam machines are used to produce flexible PU foam blocks with one block at a time process. These are low priced machines meant for relatively low production.

Special Feature :
Easy weighing system for Amine, SO and Silicone, having SS Tanks.

FEATURES :

- The mixing tank rests on the bottom of the mold to minimize wastage.
- AC drive for variable mixing speed.
- Digital timing for premixing & final mixing.
- Aluminum covering on side walls of mold for smooth finishing.
- Automatic release of chemicals in the mold after mixing.
- Easy to operate

PROCESS

First, pre weighed water and TDI are poured into their respective pouring tanks, placed just above the main mixing vessel.

Polyol and catalysts are weighed manually and poured into the mixing vessel and first mixing is started by pressing the speed 1 push button.

Now the TDI + Water valves are opened(from the control panel). Once TDI+Water are poured into the mixing vessel, Speed 2 is switched ON. The machine mixes the chemicals & releases them into the mold. The open window in the mold is closed manually. The block may be demolded after 5 to 10 minute.

- Polyol tank 1500 Ltr with filling pump & motor, having stirrer
- TDI tank 1000 Ltr with filling pump and motor.

STANDARD SPECIFICATIONS

MOTOR	10 H.P. Controlled by A.C. Drive
BUCKET	210 Liters
MIXING CAPACITY	125 KG
MATERIAL DISCHARGE	From bottom controlled by pneumatic cylinder.
WEIGHING SCALE	Electronic scale: 6 and 300 k.g.
CONTROL PANEL	Has all the push buttons, two preset speeds with timers and variable frequency drive for the mixer motor.
MOULD	one mould of 6ft. x 6ft. having aluminum sides
COMPRESSOR	2 HP Compressor Provided
SPACE REQUIRED	4m x 8m
POWER REQUIRED	9 KW
POWER SUPPLY	415V AC 50Hz



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