

Full Line Sponge Making Machine

Fincorp Engineering produces a wide variety of Foam processing equipment. Among them is the **Full line Sponge making machine**

This machine is an essential part of any foam production and conversion plant. The machine is specifically made to cut and grind (grip) foam pieces with or without abrasive backing

OPERATION:

Foam sheets are placed on the first indexing table where an Automatic Vertical Machine (AVCM) cuts the sheet into long strips. The strips are fed via tandem conveyors into a Grip grinder where a profile is ground into both sides. The strip is then fed into an automatic stacker that feeds the second indexing table. There the strips are fed into the second Automatic vertical machine that cuts them into pieces.



The controls are via PLC with a friendly and elaborate screen interface. The dimension of the sheets and the final dimension of the cut pieces are entered here. The computer then determines the proper width and length of the cuts along with the amount of trimming required.

ADVANTAGES:

This line provides three different operations into one, it eliminates many manual operations and provides with accurate cutting and grinding all in one single set-up. Labor is reduced by more than 80%. Capacity is in excess of 50,000 pieces per shift

STANDARD EQUIPMENT:

- HMI touch screen
- Full computer control
- Vacuum System for the Grinders.
- Air compressor and dryer
- Automatic blade sharpening
- Automatic trim calculation and ejection
- Two operators required

