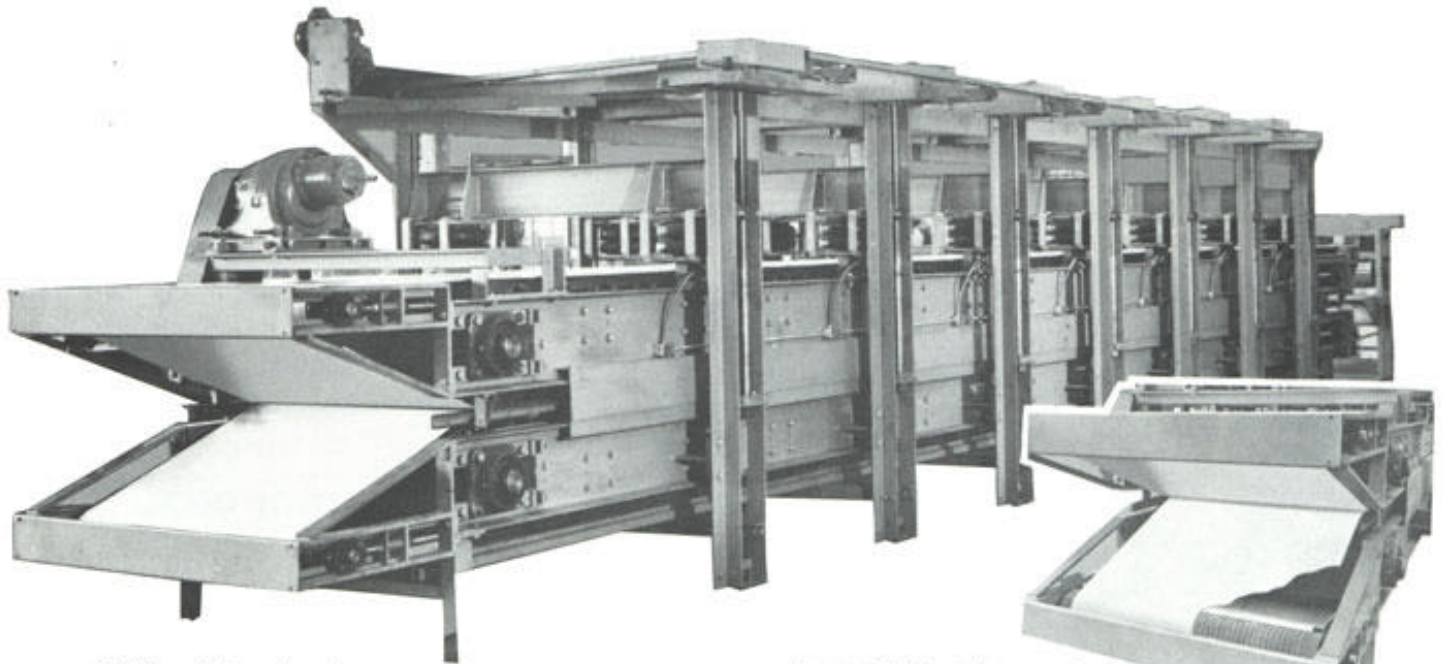


FOAMBOARDER[®]

surfacemaster



48" Panel Foamboarder

Imprint belt cut away to show self tracking system

DESCRIPTION

Panels with rigid cellular urethane cores are now produced continuously and cut to size on Foamboarder lines throughout the world. Panels emerge from the line ready for immediate loading into rail cars or over the road trucks. With the Surfacemaster, it is possible to produce such panels with surfaces corresponding to the texture of the imprint belts which circulate through the high pressure tunnel section of the Foamboarder. Each of the two surfaces of the panel can be either smooth or textured. Imprint belts are easy to change to suit panel surface requirements. Panel skin materials which are ideal for texturing are paper, foil and plastic. Rigid skins, such as metal, plastic, hardboard and plywood are also handled on the Foamboarder.

OPERATION

A Foamboarder line produces finished, cut panels from rolls of "skin" material and the basic urethane chemicals in one continuous controlled process.

Panel thickness and production speed are both adjustable to precise values by motor and pushbutton control. Side trimming and intermediate width cuts once manually adjusted are automatic in operation. Panels are cut off "on the fly" to a predetermined length as the board exits from the continuous press section.

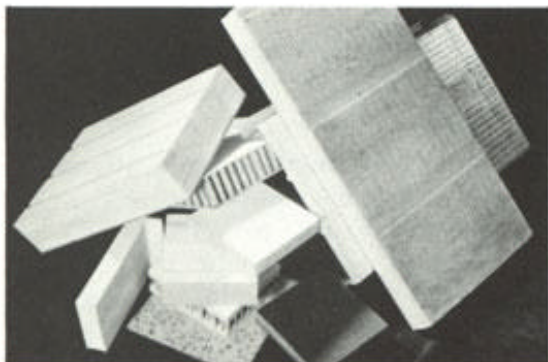
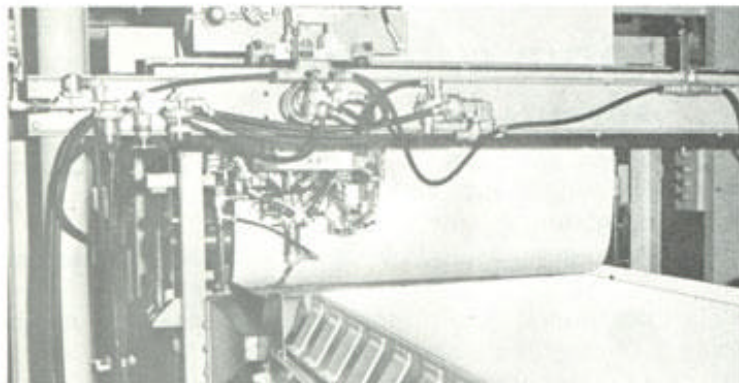
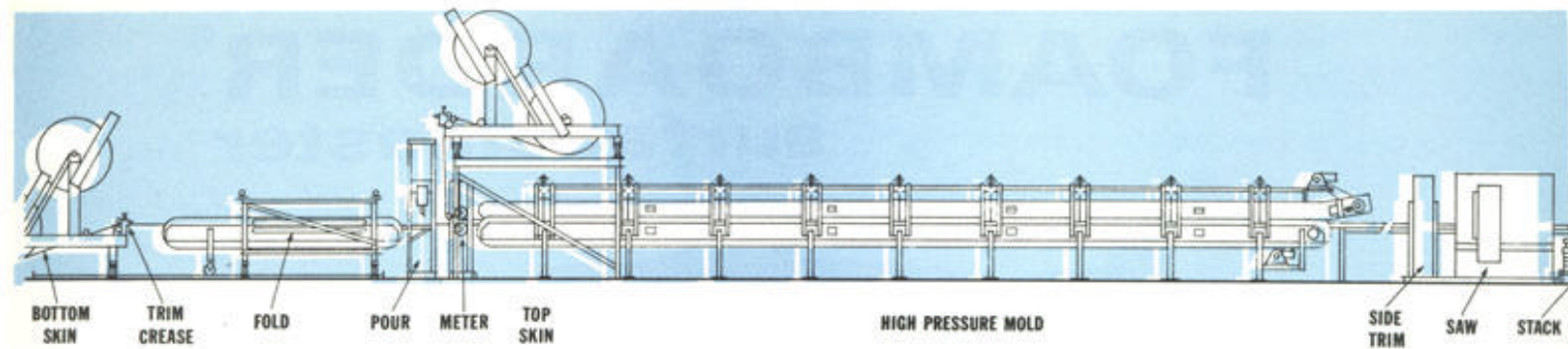
Continuous production of foam core panels

ADVANTAGES

- Speed and economy of continuous production
- No length limitation
- Selection of panel finish
- Accuracy assured by rigid, precisely adjusted pressure section
- Restrained rise principle allows maximum choice of chemicals and formulations
- Efficient utilization of materials
- No license fee
- Arrangements available to test run Foamboarder before shipment
- Saleable panels may be expected the first day after installation

SPECIFICATIONS

- Panel Width 4', 6', 8', and 9' models offered
- Panel Thickness 1" to 6" adjustable
- Thickness Tolerance .030 to .120
- Production Speed 5 - 20'/minute
- Continuous Press 5 lbs./sq. in. standard, other pressures on application
- Pressure Adjustment 0 - 5 lbs./sq. in. with automatic pressure release and indicators
- Overall length of Press 45'



The Foamboarder Line is complete from chemical storage to stacking of cut panels. Although individual components are standardized each installation is tailored to meet the specific requirement of size, quality, production rate, raw materials, plant layout and other factors.

PRECISE CONTROL OF ALL OPERATIONS

Proportioning, mixing and distribution of chemicals, guiding and folding of skins, holding of finished panel thickness, cutting to width and length are all precisely controlled. Process information may be fed to recorders if desired. Automatic response to deviations is also available. Dependability, ease of control and maintenance and reproducibility of the product are prime considerations in Foamboarder installations.

EVERY UNIT ASSEMBLED AND TESTED BEFORE SHIPMENT

Your machine is completely assembled and tested before shipment to assure satisfactory quality of the product and rapid start up at your plant. Sample runs of your product are produced for your approval and all critical calibrations and instructions are established.

A WIDE RANGE OF MODELS

Kornylak continuous molding equipment for flexible and rigid urethane is in operation in North and South America, Europe, Asia, Africa and Australia. Foamboarders range from narrow 12' wide multi story formed metal faced building panels to 108' wide flat panels. Wider machines are available and almost unlimited variations in product design can be produced.