



Kitchen Countertop Machines POSTFORMING



POSTFORMING MACHINES

The Evans Midwest family of postforming machines is the largest in the world with over twelve (12) models from which to choose. Static, automatic, and feed-through models are available in single and double-sided configurations. Designed for a wide variety of manufacturing requirements from small, custom postforming shops to large, multi-shift manufacturers of kitchen countertops and office furniture, Midwest machines offer solutions for any application and production environment, and have been extensively used in the kitchen countertop industry for over 50 years. Bottom line? We help you laminate better, increase productivity, and improve quality.

SF 2000 STANDARDFORM POSTFORMERS

The Standardform™ SF2000 is a compact, feed-through machine designed for small to medium size manufacturers of kitchen countertops, commercial office furniture, and postformed components. Available in single and double-sided models, in 10 and 15 foot lengths, the SF2000 can be configured to produce components with either contact adhesive or water base, PVA glue. Optional high frequency trimming, finishing, and slitter saw units are available to produce completed components without additional labor.

FEATURES

- Heavy duty lower frame with direct AC drive motor(s)
- Heavy duty transport chain assemblies with 3-3/16 inch wide carrier blocks with a half round guiding system
- Rubber drive pads vulcanized to steel plates & mechanically fastened to carrier blocks
- Electronic variable speed forward/reverse drive with digital line speed
- Upper beam(s) with a double row of 2-3/4 inch diameter serrated rollers
- Upper beam adjustment with pointer & scale
- Power width adjustment
- Infrared heater(s) with electronic temperature controls
- 90° & 180° quick-change forming roller assemblies with adjustable, spring-loaded silicone rollers
- 90° & 180° compression rollers with adjustable, spring-loaded silicone rollers
- Forming & compression roller assemblies are mounted on infinitely adjustable linkages to accommodate a large variety of profiles
- Gas spring operated enclosure door(s) with viewing windows and safety interlock
- Operator interface (HMI) with color monitor
- Special infeed & outfeed conveyor systems
- Optional PVA adhesive edge spray system
- Optional high-frequency trimming & finishing units
- Optional floating slitter saw units
- Custom tooling packages to customer specifications

STANDARDFORM POSTFORMER MACHINES Designed for Small to Medium Size Manufacturers



SF 2000D-15 Double-sided Postformer shown with PVA edge spray, infrared heating, forming/compression rollers, outfeed trimmer, and slitter saw.

Typical Profiles



Photograph Courtesy of Formatop Mfg Co. Ltd.

PVA Edge Spray



Optional PVA edge spray system for applying adhesive to the edge of core and laminate

Infrared Heaters



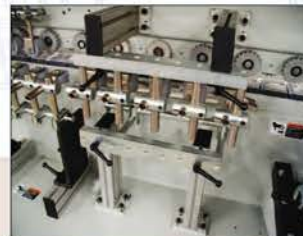
Top & bottom infrared heaters for heating laminate and drying adhesive

Forming Roller Assembly



Quick-change forming roller assembly with adjustable, spring-loaded silicone rollers

Compression Roller



Side and underwrap compression roller assemblies with adjustable, spring-loaded silicone rollers

Compression Shoe



Compression shoe and rollers to facilitate PVA adhesive bonding

Outfeed Trimmers



High frequency trimmer and floating slitter saw

ULTRAFORM POSTFORMING MACHINES Designed for High Volume, Multi-Shift Operation

UF 2000 ULTRAFORM POSTFORMERS

The UF2000 is an extremely rugged, feed-through machine designed for the high volume, multi-shift operation. Available in single and double-sided models, up to 30 feet in length. The modular design of the UF2000 allows the machine to be configured to specific production requirements.

Optional automatic, electronic and pneumatic positioning systems using state-of-the-art PLC controls reduce costly set up, and can eliminate operator labor. Optional infeed and outfeed, high frequency trimming, finishing, and slitter saw units are available to produce completed components without additional labor.

Heavy-Duty Chain Pad



Upper hold-down beam with double row of serrated rollers; transport chain assembly with full-friction carrier blocks



UF 2000D-25 Double-sided Postformer shown with PVA edge spray, infrared heating, forming/compression rollers, outfeed trimmer, and slitter saw.

FEATURES

- AC drive motor coupled directly to drive shaft
- Electronic width adjustment with high speed ball screw & linear bearings
- Hand-wheel operated upper beam with jack screws & dove-tail slides
- PLC controlled sequence of operation
- Optional in-feed high-frequency, vertical & horizontal trimming units
- Optional hot air gun kits with self contained blower
- Optional 90° & 180° "turret" style forming roller assemblies
- Optional automatic, electronic and pneumatic positioning systems to reduce set-up
- Electronic motor brakes

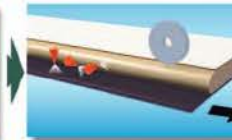
Note: Illustration is shown upside-down for clarity.



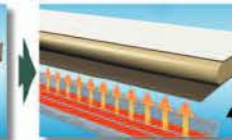
Infeed Trimming 90° Profile



Infeed Trimming 180° Profile



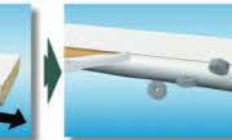
Adhesive Application



Heating Laminate



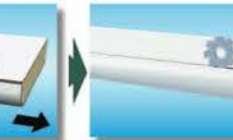
Forming Laminate 90° Profile



Forming Laminate 180° Profile



Outfeed Trimming 90° Profile



Outfeed Trimming 180° Profile