

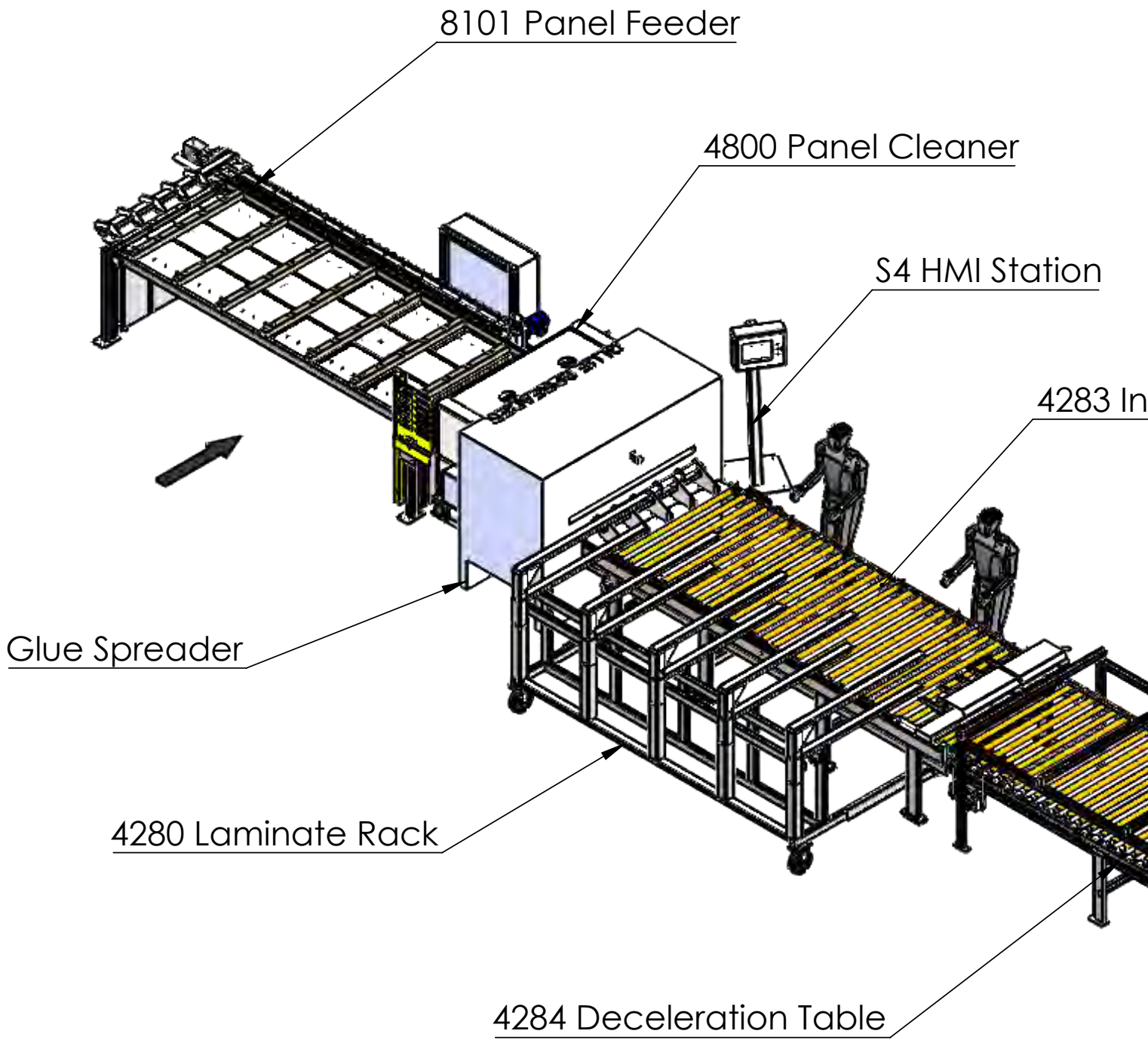


EVANS MACHINERY



Laminating Automation

Precisely engineered machinery.



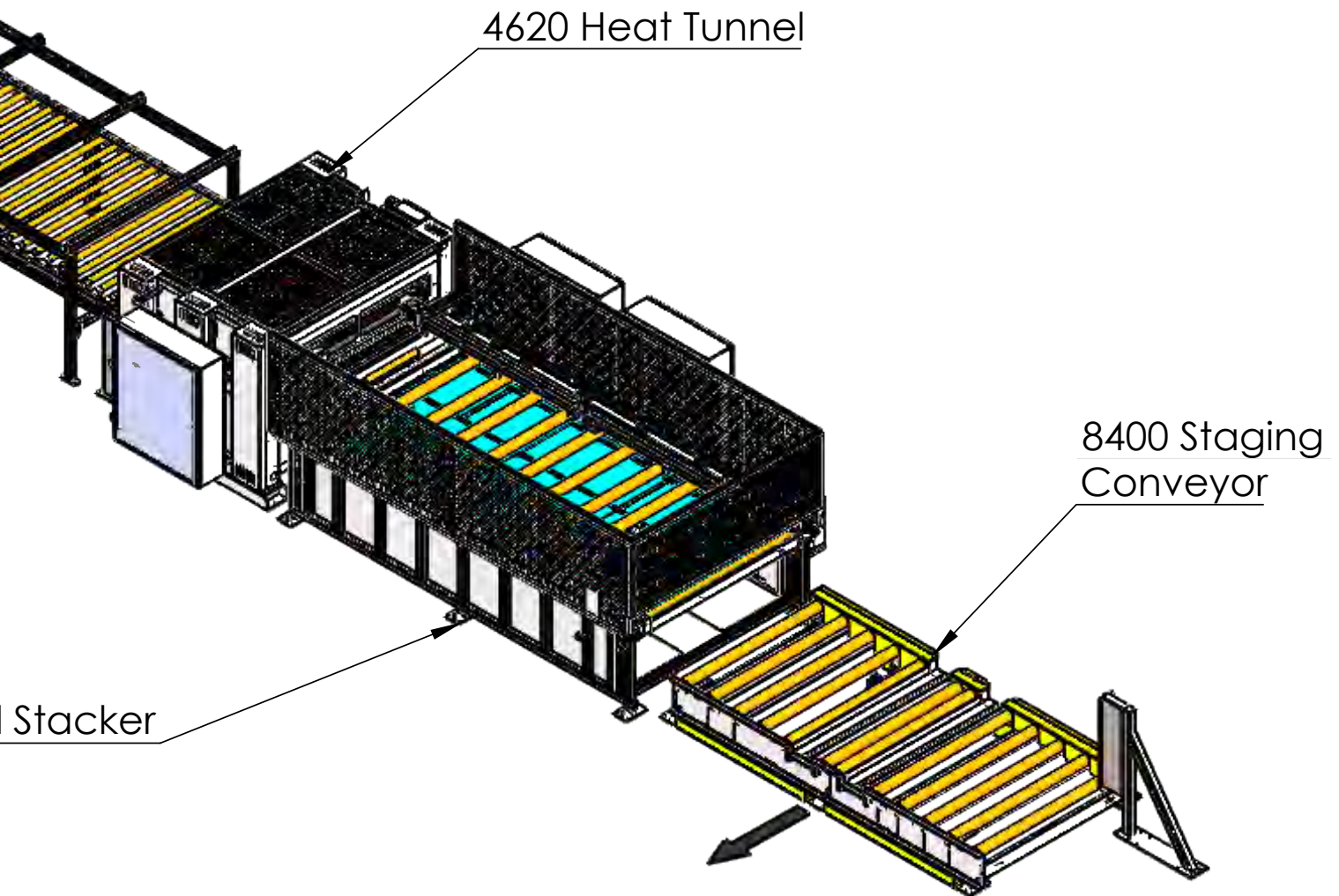
Domestic Parts and Service
Dependable, Uninterrupted Service

8901 Panel

LAMINATING LINES FOR ANY SIZE OPERATION

For over 50 years, Evans Machinery has designed, manufactured, and installed laminating systems around the world. Our experienced sales and engineering staff can customize a laminating line to fit your size operation.

Index Table



CORE FEEDING MACHINES

8100 Precision Panel Feeder



This hydraulic panel feeder is designed to feed glue laminating lines, gang rip-saws, and more. The 8100 serves as an automatic lift, alignment fence, and holdover device in one machine ensuring that your parts are fed consistently every time! With more than 20 years of proven field use this time tested, all-in-one unit can be completely automatic and integrate with the host machine. Options are available for larger panels or to adapt an existing scissor lift.

Selected Features:

- Hydraulic 4 Corner Cable Lift
- Touch Screen Controls
- Laser Height Sensor
- NEMA 12 Enclosure
- 460 Volt Fused Disconnect
- 5 HP Hydraulic Power Pack
- Panel Size: 2'x3' up to 5'x12'
- Panel Thickness: 3/8" to 1-1/2"
- Lift Capacity: 7000 pounds
- Electrical: 230/460 V, 3 PH, 60 Hz

8300 End Loading Panel Feeder



Selected Features:

- Hydraulic 4 Corner Cable Lift
- Touch Screen Controls
- Laser Height Sensor
- Powered Rollers on Lift
- Fencing and Light Safety Curtain
- 480 Volt Fused Disconnect
- Panel Size: 2'x3' up to 5'x12'
- Panel Thickness: 5/16" to 1-1/2"
- Feed Rate: 0-100 fpm
- Lift Capacity: 7000 pounds
- Electrical: 480V, 3PH, 60Hz

PANEL CLEANERS

4800 Panel Cleaner



The reliable 4800 Panel Cleaner cleans both top and bottom of the substrate prior to the glue spreader. This machine will save you time and ensure dimples are no longer causing you to reject parts, which is a common problem when processing high gloss laminates. The ten inch diameter nylon brushes provide years of trouble free, dependable service. The 4800 comes standard with in-feed and out-feed power feed rollers equipped with over running clutches to provide a smooth handoff to the glue spreader.

Selected Features:

Powered In-Feed and Out-Feed

Four 6" Dust Ports

Two 10" Nylon Brushes

Material Thickness Indicator

Emergency Stop Buttons & Safety Gate

Base Work Height: 30"

Brush Motor: 1-1/2 HP

Drive Motor: 1/2 HP

Electrical: 230/460 V, 3 PH, 60 Hz (Electrical Options Available)

Options:

Air Knife

De-ionizing Air Knife



LAMINATING LAYUP TABLES & ACCESSORIES

4283 Lay Up Table



Our 4283 model gives customers another option for their HPL lay up lines. This heavy duty table uses self cleaning minimal contact rollers to support the glued substrate as it indexes over the backer board. Our innovative back bending feature clamps the leading edge, lifting it slightly to keep the substrate from drooping and dragging on the backer. This machine is very easy to operate and simple to clean. Note: Unit is shown with our 4270 Laminate Rack attached.

Selected Features:

- 6 Stainless Steel Self Cleaning Rollers
- Heavy Duty Steel Construction
- Pneumatic Clamping Controls
- Mates with 4270 Laminate Rack
- Safety Lanyard to Integrate with Line
- Panel Size: up to 5'x12' or Glue Spreader
- Panel Thickness: 3/8" to 1-1/2"

4293 Indexing Stacker



The 4293 Index Table is the most heavy duty cold press index station on the market. This machine combines the precision of the 4283 with a smooth, perfectly level hydraulic lift to downstack the laminated components. This machine features a powered conveyor to roll the stack out to the cold press. Each 4293 is customized to build the size of stacks needed to optimize your cold press and to maintain maximum efficiency.

Selected Features:

- Hydraulic 4 Corner Cable Lift
- Manual Controls
- Powered Rollers on Lift
- 2 HP Hydraulic Power Pack
- Panel Size: up to 5'x12' and as small as 24"x36"
- Panel Thickness: .315" to 1.5"
- Lift Capacity: 8000 pounds
- Exit Speed 30 fpm

HEAT TUNNELS



4600 Heat Tunnel

The Evans 4600 Heat Tunnel is the premier Heat Tunnel on the market. This heavy-duty laminating machine is built to handle HPL production at speeds up to 30 feet per minute with heaters that put out up to 1200 degrees (F). The machine can be built with between 1-3 heating sections to fit your preferred production method and speed.

This machine has been redesigned to allow for easier access to the machine for cleaning and maintenance. Customers love the new access doors and the ease of operation. The new design has cut their cleaning time considerably and allows them to clean more often leading to a better, more consistent end product.

Selected Features

Multiple Heating Sections (1-3 Available)

Variable Speed Feed Rate

6 Heat Resistant Silicone Rollers (64" Long)

Adjustable Pneumatic Pressure

HMI Controlled Material Thickness Adjustment

NEMA 12 Control Console

Interlocked Side Panels for Cleaning

Optical Panel Sensor



PINCH ROLLERS

0257 Pinch Roller



The 0257 Pinch Roller is a key asset for laminating shops of any size. The machine is specifically designed to work with contact adhesives or fast bond PVA's. Evans' unique design of the pressure roller allows for uniform and even bonding pressure of the laminate to the substrate. The simple spacer adjustment keeps the machine affordable and low maintenance. Compare the features and performance and you too will make the same choice professionals all over the world have been making for over 40 years.

Selected Features:

Safety Gates on In-Feed and Out-Feed

Solid Top and Bottom Rollers

Feed Rate: 50' FPM

Maximum Width: 62"

Maximum Thickness: 2" (Options Available)

Work Height: 30-1/2" (Optional Riser Available)

Drive Motor: 1/2 HP

Electrical: 120 V, 1 PH,
60 Hz (Options Available)

Air Requirement: 100 PSI

0259 Pinch Roller



The 0259 Pinch Roller is an upgrade to the 0257 which includes 64" wide silicone rollers.

Selected Features:

Safety Gates on In-Feed and Out-Feed

Solid Top and Bottom Rollers

Feed Rate: 50' FPM

Maximum Width: 64"

Maximum Thickness: 2" (Options Available)

Work Height: 30-1/2" (Optional Riser Available)

Drive Motor: 1/2 HP

Electrical: 120 V, 1 PH,
60 Hz (Options Available)

Air Requirement: 100 PSI

ADDITIONAL LAMINATING MACHINERY



7100 Laminate Roller

This machine not only rolls your laminate but it also helps you tape or tie the roll and, with our optional tilt takeaway conveyor (7110), gently lowers your heavy roll to the floor. This automated roller takes care to gently wrap the laminate into two different roll diameters for shipping. No more struggling to wrap by hand.

Selected Features

Mouth Opens Wide to Ease Laminate Loading
Holds up to 10 Pieces of HPL
Tape Rack Simplifies Wrapping
Electrical: 115 V, 1 PH, 60 Hz
Air Requirement: 80 PSI
Optional 7110 Tilt Conveyor Also Available to Aid in Handling



5010 Laminate Slitter

The 5010 Laminate Slitter is the ideal machine for cutting high pressure laminate or wood veneer. This machine has been proven to reduce labor costs and increase production while providing a premium quality edge. The unit is equipped with an adjustable self-aligning fence that is mounted on a linear guide and can adjust in 1/32" increments up to 6". The sheering action of the three blade design allows the 5010 to self-feed most materials at 70 FPM.

Selected Features

3-Blade Sheer Cutting System
Self-Aligning Fence
Cut Capacity: 1/4" to 6"
Rate: 70 feet per minute
Motor: 1/2 HP
Electrical: 120 V, 1 PH, 60 Hz
Air Requirement: N/A



ADDITIONAL LAMINATING MACHINERY



1050 T-Edge Machine

The 1050 T-Edge Applicator is perfect for the complete application of plastic t-molding. It produces a smooth contoured edge on desk tops, counter tops, doors, drawer fronts, and other work surfaces. Plastic t-molding is applied by a variable speed electric hammer that assures ideal seating of the t-molding. This machine reduces operator fatigue while maintaining product consistency.

Selected Features

- 3" Electric Cutoff Blade
- Corner Notching
- Maximum Cut: 1-1/2" Wide
- Minimum Cut: 1/2" Wide
- Hammer Motor: 1/2 HP
- Variable Speed Electrical: 120/240 V, 1 PH, 60 Hz Air Requirement: 100 PSI



9101 Edgeworker Vacuum Stand

This 9101 is an industrial strength vacuum stand that provides the ultimate product stability during edge work. It features a 12" high-powered suction cup with enough holding power to secure any nonporous surface (Lumber, MDF, Panels, Glass, and more). This model comes with

a stability ring for extra support and a rotating function that locks in place with the press of a pedal.

Selected Features

- Venturi Style Suction Pump
- Produces 7 cfm at 26" HG of Vacuum Flow
- 12" Diameter Suction Cup
- Multi-Stage Pump
- Pneumatic Filter Regulator
- Reusable Style Debris Filter
- Work Height: 38"
- Air Requirement: 80 PSI
- Air Consumption: 2.7 cfm



EVANS
MACHINERY

- Proudly -





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Precisely engineered machinery.

Evans Machinery (EM) is the premier partner in automated panel laminating. Throughout North and Central America, our machines are perfect for shops ranging from custom shops to full scale production facilities.

Panel processing and laminating is all about efficiency. EM's line of machinery is designed, engineered, tested and perfected to accomplish just that. Our lines allow your operators to spend their time building parts rather than troubleshooting machine needs.

Our machinery is designed, precisely engineered and scalable to solve your specific shop needs now and as your shop grows.



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