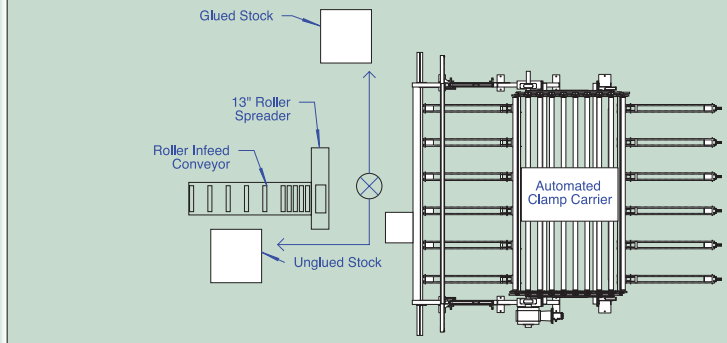
8 Reasons to buy Taylor

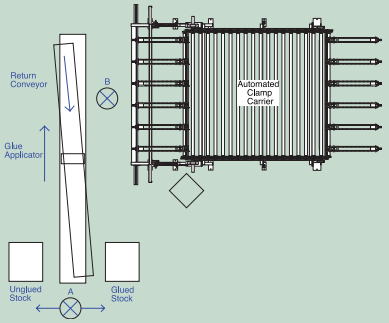
1. Taylor has been in business in the USA for 109 years. All of our machinery and parts are produced in our New York State Factory. With four IWF Challenger's Award, we lead with innovation. We invented the Automated Clamp Carrier in 1986 and have been improving our design ever since.
2. All of our machinery and parts are produced in our New York State factory. All of our machine software is developed and written in house.
3. Taylor's service is 2nd to none. We have a knowledgeable staff and a large inventory of spare parts for most models ready for same day shipment.
4. Taylor's easy roller clamps are the easiest to adjust side-to-side. Fast changeovers increase productivity.
5. The Taylor Clamp is manufactured with a custom clamp channel to resist twisting and minimize glue cleanup.
6. The Taylor Clamp drawbar is designed like a spring. As the glue lines in a panel cure, it shrinks and our drawbar shrinks with it providing constant pressure. Our competition uses a heavier drawbar that does not shrink. Their customers are forced to use excessive clamping pressure which will starve the glue joints and reduce glue joint strength.
7. Our machines offer advanced ergonomics. Unlike our competition, our carriage frame design is tucked under the front of the machine allowing easy operator access for loading and unloading of panels.
8. Taylor's software covers all aspects of a productive and high quality gluing operation.

   Machine speeds are measured and set automatically. Machine speeds can be manually adjusted based on customer preference. Sequential tightening is standard. A wood sensor system is used to bypass empty clamps and lower cycle times.

Taylor Automated Clamp Carriers

Made in USA
Poughkeepsie, NY



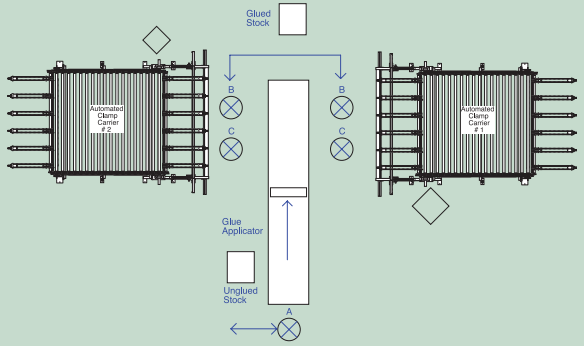


Production

1 Machine, 1 Operator
Cycle time = 2.5 minutes = 24 cycles/hour
Production = 12 sq. ft./section x 24 = 288 sq. ft./hour
Productivity = 288 sq. ft./man hour

1 Machine, 2 Operators
Cycle time = 1.5 minutes = 40 cycles/hour
Production = 12 sq. ft./section x 40 = 480 sq. ft./hour
Productivity = 240 sq. ft./man hour

2 Machine, 3 Operators
Cycle time = 60 seconds
Production = 12 sq. ft./section x 60 = 720 sq. ft./hour
Productivity = 240 sq. ft./man hour



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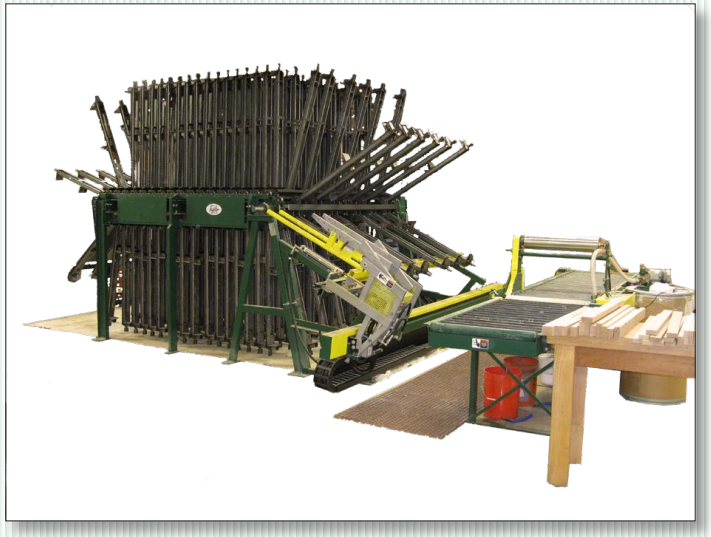

High Efficiency Gluing & Laminating for Short & Long Runs

James L. Taylor Manufacturing
130 Salt Point Turnpike
Poughkeepsie, NY 12603
800-952-1320
www.jamesltaylor.com

Three sensor technology adjusts the traverse speed on each and every clamp. The leading sensor and trailing sensor center the carriage on the clamp. The center sensor provides critical input for tightening and loosening.

During tightening, two flattener shoes are activated to align and flatten panels during the tightening process

Clamp tightening driver is spring centered for easy and reliable engagement.

Precise and adjustable glue spread: The Taylor Glue Applicator is equipped with a fully adjustable live doctor roll. The doctor roll spins in the opposite direction (from the glue roll) which provides a controllable even spread. Thumbscrews and locking nuts are used to independently adjust both ends of the doctor roll.

Easy and fast clean up: We have equipped the Glue Applicator with a nightly storage system to save glue and clean up time. The glue pan cover fits tightly over the top of the glue pan and a large sponge is fitted to the roof of the cover. When soaked with water, the sponge keeps the cavity of air moist and prevents skimming of the glue during the night.

Hydraulic power unit contains the following technology:

- Self-compensating pump
- Programmable controller
- Directional valves
- Proportional valve to control speeds
- Hydraulic regulators to control pressure

The control touch screen is used to customize machine speeds, customize clamp tightening sequence, and check machine inputs and outputs.

The Automated Clamp Carrier is the industry standard for high production edge gluing. Sizes range from 20 to 80 sections and widths from 8-1/2' (2.5 M) wide to 20-1/2' (6 M) wide. The Automated machine doubles operator productivity with its automatic cycle which tightens the clamps on new stock, rotates the machine, and loosens the clamps on panels to be removed. This allows the operator to spend 100% of their time preparing and loading stock. It also reduces operator effort and paces the overall production.

Since its introduction in 1986, the design has been refined to provide reliable, high production output of panels and laminations.

Pneumatic & Hydraulic Systems

Taylor offers both pneumatic and operating systems. Pneumatic systems are less expensive and easier to maintain. Hydraulic systems are self contained and do not use the shop compressed air system. Both systems offer the same tightening and flattening pressures.

Choosing the Right Size

- Maximum component length determines carrier width.
- Maximum component width determines clamp size.
- Maximum component thickness determines clamp style and options.
- Loading time, curing time and production needs determine the number of sections.

Models/Sizes:

Machine widths vary from 8 1/2' (8' maximum panel length) to 20 1/2' (20' maximum panel length)

Clamp Openings (panel width) vary from 32" to 52"

#202 Style Clamps:
3/4" - 4" thick panels

#302 Style Clamps:
3/4" - 6" thick panels

#401 Style Clamps:
1" - 8" thick panels

#402 Style Clamps:
1" - 10" thick panels