

Components

FEI6000 CM showcases Faith Engineering's commitment to quality by incorporating top-brand components to produce the highest quality columns at industry leading rates.



Controls, Interface, Safety Devices

by  **Allen-Bradley**

Conveyors

by 

Hydraulics

by 

Nail Guns

by 

Pneumatics

by 

Servos

by 



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COLUMN LAMINATING MACHINE **FEI6000 CM**



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The FEI6000 CM

laminates commercially available lumber into 3, 4 or 5 ply construction columns. The adjustable pneumatic nailing guns and hydraulic compression rollers increase the quality of the columns and allow for precise, repeatable nail patterns. The infeed and automated stacking stations, along with the fully automated controls allows one operator to prep, laminate and off-load 200 columns per 8 hour shift (from actual production data).

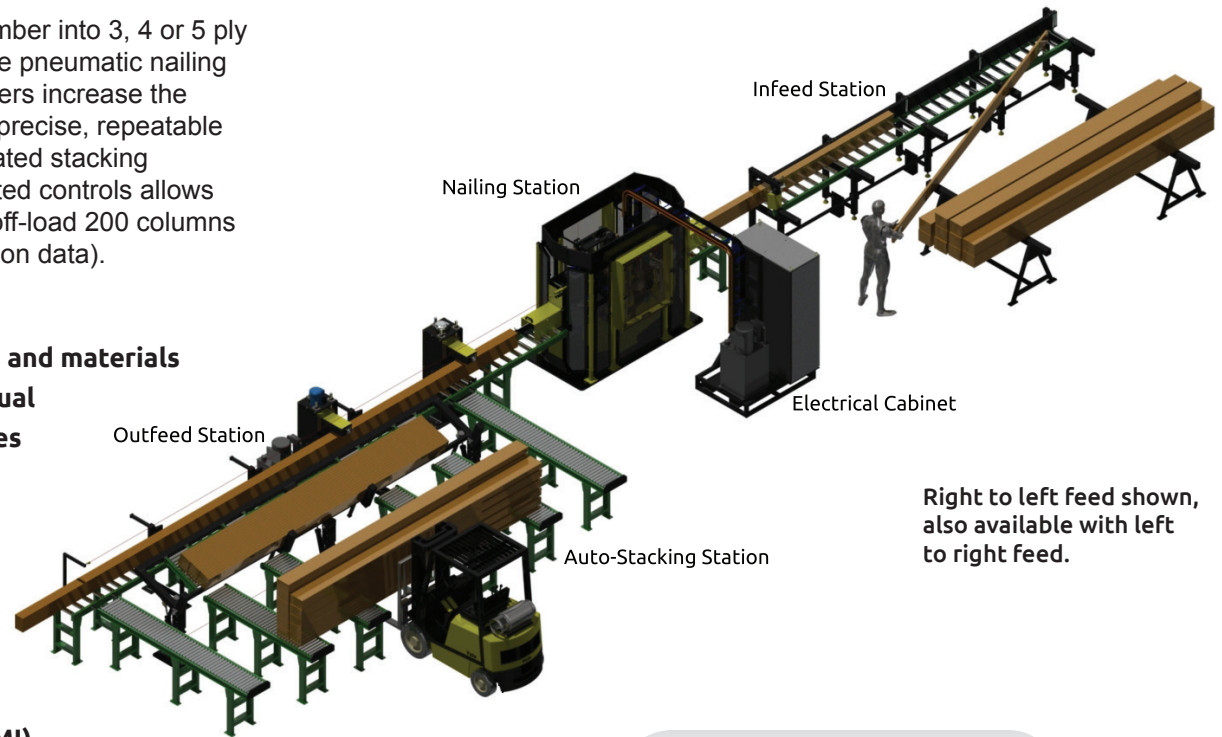
The FEI6000 CM comes with:

- 1 year warranty on workmanship and materials
- Printed and digital machine manual
- Direct online support and updates

Features & Benefits

- ✓ **Intuitive Operator Interface (HMI)**
+ Reduces operator training labor costs.
- ✓ **Dynamically adjustable nailing pattern**
+ Reduces nail consumption while achieving the engineered load specifications.
- ✓ **Hydraulically actuated lumber compression rollers**
+ Improves the straightness resulting in a higher quality of finished columns.
- ✓ **Servo controlled linear feed system**
+ Provides flexible and accurate nailing patterns, increasing quality.
- ✓ **Fully enclosed machine safety guarding**
+ Inhibits work-related accidents and injuries.
- ✓ **Finished column auto-stack and bundling system**
+ Reduces labor and increases machine throughput.
- ✓ **Rigid, heavy-duty mild steel construction**
+ Increase machine longevity while reducing the overall cost.
- ✓ **Remote support for machine diagnostics.**
+ Allows for quick, responsive service, keeping your machine running.
- ✓ **Quick and easy column size change-over**
+ Increases operator efficiency resulting in greater machine throughput.

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Right to left feed shown,
also available with left
to right feed.

Machine Capabilities

Infeed Capacities:

- 2" x 6", 8" and 10" commercial lumber

Outfeed Capacities:

- 8 to 65 foot column
- 3, 4 and 5 ply columns
- Speeds up to 73 seconds per 24' column

Nailing Station:

- 4 adjustable nailing guns
- High-powered clamping rollers
- Lumber absence/error detection
- Low nail detected option available

Auto Stacking Tilt Station:

- Automatic stacking; 8 stacks of 7 columns
- Visual, audible and built in safety features

*Solving manufacturing challenges with
creative and innovative technology.*

