

# JLT #78H MINI POD PRESS

HIGH PRESSURE LAMINATING • MODULAR DESIGN • PRECISION CLAMPING



The **JLT #78H Mini Pod Press** is a compact, high-pressure cold press laminating system designed for face gluing a wide variety of solid wood components up to 12" wide. Engineered for space-saving efficiency and precise straight-line clamping, this versatile machine delivers consistent, repeatable results across a range of applications including engineered components, flooring, and door parts. Featuring independently controlled platens, powerful diaphragm cylinders, and a modular design, it maximizes production flexibility while maintaining superior glue line quality.



## Technical Specifications

### SYSTEM CAPACITIES & DIMENSIONS

<b>Model</b>	#78H
<b>Work Area Width</b>	12" (Optional 16" Model Available)
<b>Available Lengths</b>	42", 84", 126", 168"
<b>Adjustable Opening</b>	0" – 40"
<b>Clamping System</b>	18 Diaphragm Cylinders (30 sq in each)
<b>Maximum Pressure</b>	Up to 10 Tons per 42" Section @ 110 PSI
<b>Total Pressure Capacity</b>	<b>Up to 30 Tons @ 120 PSI</b>
<b>Platen Adjustment</b>	1" to 1-1/2" Increments
<b>Machine Footprint (10' Model)</b>	128" L x 36"W x 76" H

## Primary Applications

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- Face gluing solid wood panels and components up to 12" wide.
- Engineered stiles and rails for doors and cabinetry.
- Engineered flooring, stair treads, and strip laminations.
- Headers, kickers, and structural wood assemblies.
- Curved and pyramid-style glue-ups for increased production efficiency.
- Ideal for shops needing high-pressure laminating in a compact footprint with precise control.

## Why Choose The JLT #78H

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- High-pressure laminating with precise, repeatable control.
- Flexible sizing and modular design for various production needs.
- Efficient vertical pressing for maximum space utilization.
- Handles a wide range of materials and glue-up configurations.



## Performance & Construction

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- **Individual Control:** Independently controlled platens allow precise pressure application across different sections.
- **Even Distribution:** 18 diaphragm cylinders deliver consistent high clamping pressure.
- **Fine-Tuning:** Dial regulators provide exact control of air pressure and alignment.
- **High Capacity:** Vertical press design supports up to 40" of stackable capacity for multiple components.
- **Versatility:** Handles both short and long stock—from 40" blocks to entry door stiles up to 10'.
- **Modular Setup:** Configuration allows expansion to meet growing production needs.
- **Durability:** Steel platens with UHMW base plates provide heavy-duty durability and non-stick performance.
- **Pyramid Stacking:** Glue-up capability increases throughput by allowing mixed-size stacking.

