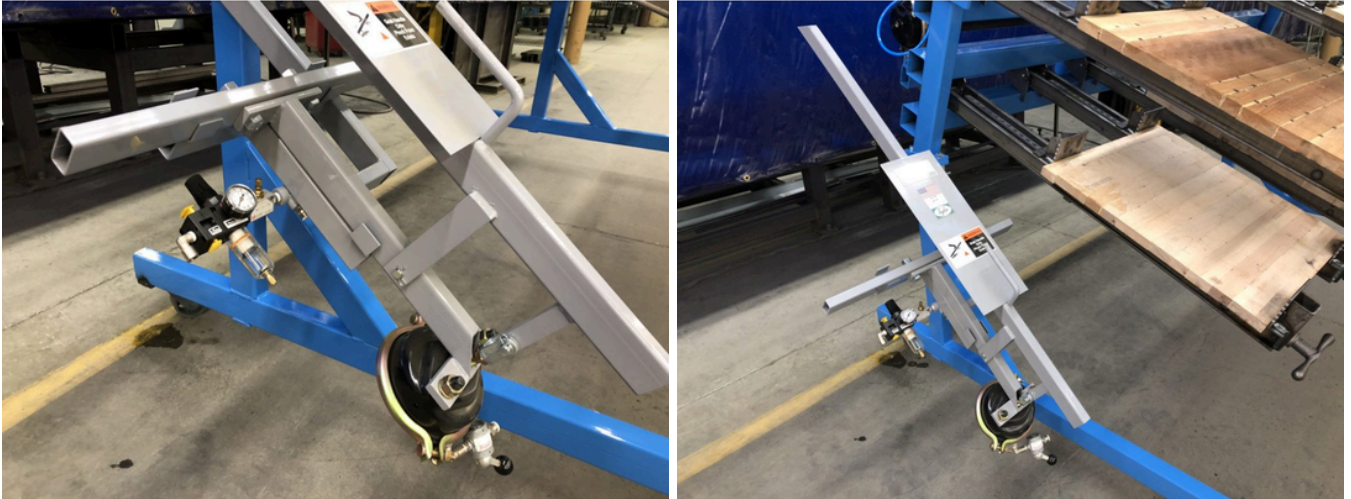


# JLT #180A-M2 Pneumatic Panel Flattener

*Panel Flattening Power • Pneumatic Control • Clamp System Integration*



The JLT #180A-M2 Pneumatic Panel Flattener is a powerful accessory designed to enhance the performance of JLT Panel Clamps by flattening bowed or uneven wood components during glue-up. Engineered for precision and reliability, this unit applies controlled pneumatic pressure to ensure panels remain flat, improving glue joint quality and finished product consistency. Built with heavy-duty steel construction and a robust pneumatic diaphragm cylinder, the JLT #180A-M2 delivers up to 1500 lbs of flattening force, making it an essential tool for high-quality panel production.

## System Capacities & Technical Specifications

Specification Parameter	JLT #180A-M2 Capabilities
<b>Model Number</b>	#180A-M2
<b>Maximum Flattening Pressure</b>	Up to 1500 lbs per panel
<b>Maximum Material Thickness</b>	Up to 2-1/2"
<b>Standard Reach</b>	40" Wide Flattener Shoe
<b>Optional Reach</b>	52" Version Available
<b>Construction</b>	100% Steel
<b>Operation</b>	Pneumatic Lever Valve
<b>Included Components</b>	Pressure Regulator and Storage Stand

## Application & Value Breakdown

### Primary Applications

- Flattening bowed or warped panel stock during glue-up operations.
- Panel production for commercial cabinets, furniture, and solid wood assemblies.
- Integration with JLT Panel Clamp systems for improved overall panel quality.
- Ensuring consistent panel thickness and alignment in demanding production environments.
- Ideal for woodworking professionals seeking to eliminate panel bowing and achieve superior flatness.

### Why Choose the JLT #180A-M2

- **Superior Quality:** Eliminates panel bowing for exceptional finished product quality and consistency.
- **Reliable Output:** Applies consistent and powerfully distributed flattening pressure.
- **Joint Integrity:** Significantly improves glue joint strength and panel uniformity.
- **Industrial Durability:** 100% steel construction built specifically for daily industrial use.
- **Workflow Enhancement:** The perfect companion accessory that seamlessly scales your existing JLT system.

## Performance & Construction Features

- **Control Systems:** Pneumatic lever valve activation provides easy, precise operator control during use. Includes an integrated pressure regulator for consistent and adjustable performance tailored to your materials.
- **Even Distribution:** The wide flattener shoe offers up to 40" coverage (with an optional 52" version available) to comprehensively flatten bowed panels, ensuring improved glue line quality and finished panel accuracy across the entire board.
- **Durability & Versatility:** 100% steel construction ensures maximum durability and a long service life in demanding shop environments. Capable of handling material up to 2-1/2" thick, providing versatility across a wide range of custom and repeating panel applications.
- **Throughput Optimization:** The heavy-duty pneumatic diaphragm cylinder rapidly delivers up to 1500 lbs of controlled flattening pressure. A dedicated storage stand is included for convenient organization and accessibility, while seamless integration with JLT Panel Clamps immediately enhances your overall production workflow.

