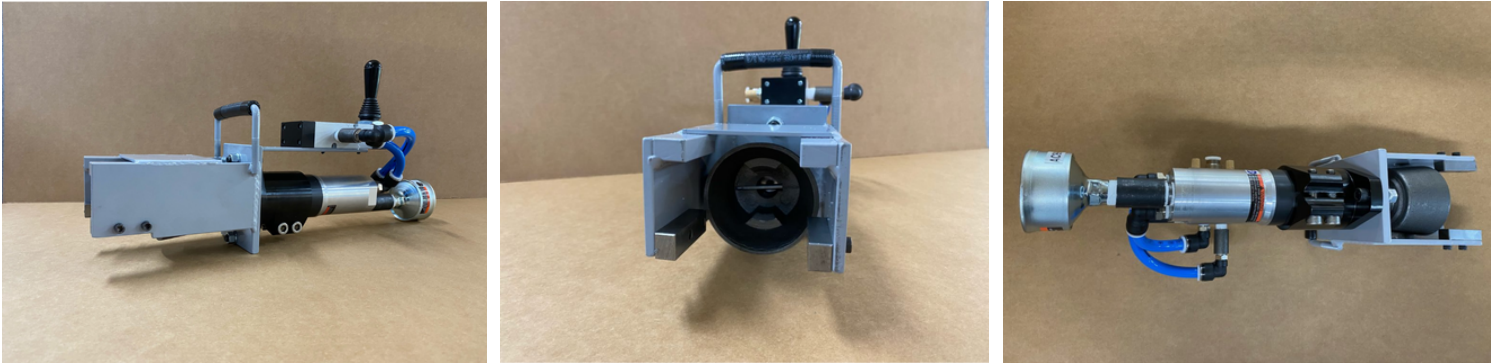


# JLT #79Z-M2

## Industrial Pneumatic Clamp Tightener

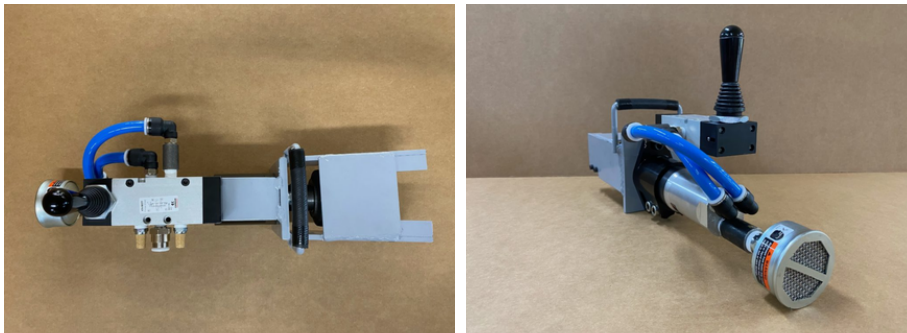
*Precision Pneumatic Torque • Uniform Clamping Dynamics • Accelerated Production Cycles*



The JLT #79Z-M2 Hand Held Pneumatic Clamp Tightener is an industrial-grade, air-powered fastening solution engineered to deliver uniform, high-precision clamping force, ensuring uncompromised glue line integrity. Driven by a robust 1 HP reversible air motor, this unit rapidly engages and disengages clamps with minimal operator exertion, entirely replacing manual T-handle operations. Designed for maximum throughput and stringent repeatability, the #79Z-M2 standardizes torque across all clamp carriers, drastically reducing cycle times and elevating the overall standard of panel assembly in high-volume woodworking environments.

### System Capacities & Technical Specifications

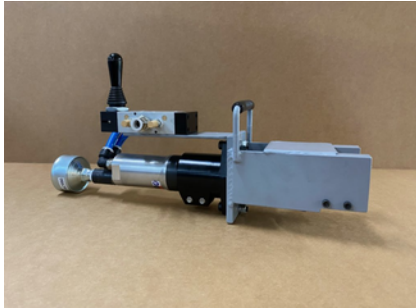
Specification Parameter	JLT #79Z-M2 Capabilities
<b>Model Number</b>	#79Z-M2
<b>Motor</b>	1 HP Reversible Air Motor
<b>Air Consumption</b>	38 SCFM @ 90 PSI (Max)
<b>Stall Torque</b>	59 ft/lbs
<b>Drive Type</b>	Self-Aligning 19 mm Driver
<b>Included Components</b>	20' Air Tubing, Filter/Regulator/Lubricator (FRL) Manifold



## Application & Value Breakdown

### Primary Applications

- High-volume panel laminations requiring standardized, high-speed clamping force.
- Commercial cabinetry, architectural millwork, and large-scale furniture manufacturing.
- Integration into existing rotary clamp carriers utilizing traditional wing-nut fixtures.
- Continuous-duty production environments prioritizing cycle-time reduction.
  - Operations requiring precision torque to eliminate joint starvation and panel bowing.



### Why Choose the JLT #79Z-M2

- **Joint Integrity:** Guarantees uniform, starvation-free glue lines through standardized pressure application.
- **Throughput Maximization:** Dramatically accelerates assembly cycles, increasing daily output yields.
- **Standardized Torque:** Eliminates human error by providing exact, repeatable torque across every fixture.
- **Ergonomic Optimization:** Eradicates the repetitive strain associated with manual T-handles, safeguarding operators.
- **Industrial Resilience:** Engineered for absolute reliability amidst the rigors of continuous production schedules.

### Performance & Construction Features

- **Advanced Pneumatic Drive:** The precision lever-actuated 1 HP air motor delivers immediate, high-efficiency torque. The instantaneous reversible action allows operators to transition seamlessly between compression and release phases on the fly.
- **Rapid-Engagement Mechanism:** Equipped with a self-aligning 19 mm socket driver that guarantees immediate, slip-free engagement with clamp wing nuts, effectively neutralizing the setup delays inherent to manual adjustment.
- **Precision Torque Regulation:** Outputting a controlled stall torque of 59 ft/lbs, the system enforces perfect pressure uniformity across the entire carrier, preventing the localized panel distortion often caused by uneven manual tightening.
- **Comprehensive Integration:** Housed in an impact-resistant industrial chassis designed to withstand harsh shop environments. The system ships fully equipped with a 20-foot pneumatic tether and a premium filter/regulator/lubricator (FRL) manifold for immediate, reliable deployment.

*The JLT #79Z-M2 Pneumatic Clamp Tightener is the definitive productivity upgrade for modern wood-working facilities demanding speed, uncompromising consistency, and exact precision in every glued assembly.*