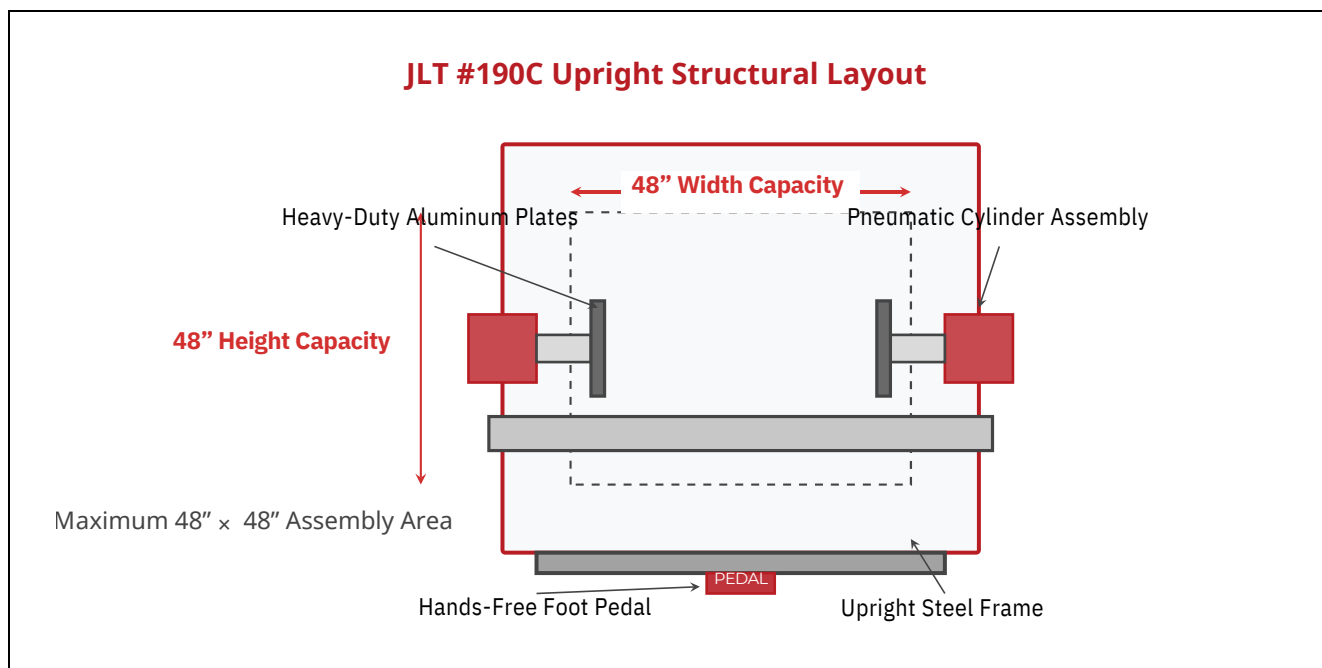


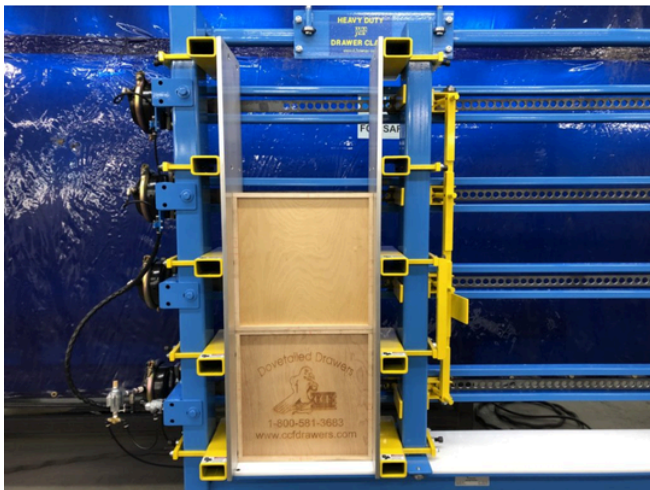
JLT#190C LARGE CAPACITY CLAMP



The JLT #190C Large Capacity Drawer & Box Clamp is a heavy-duty, high-performance clamping system designed to quickly and accurately assemble upper boxes, dovetail drawers, doweled drawers, and case goods. Engineered for speed and precision, this pneumatic system delivers up to 3,500 lbs of clamping pressure and can clamp and square assemblies in as little as 2 seconds. Built with a rugged steel frame and intuitive controls, the JLT #190C is ideal for production environments demanding peak efficiency, consistency, and structural durability.

EQUIPMENT DESIGN & SCHEMATIC BLUEPRINT





SYSTEM CAPACITIES & TECHNICAL SPECIFICATIONS

Specification Parameter	JLT #190C Standard Capabilities
Model Number	#190C Large Capacity Drawer & Box Clamp
Maximum Capacity	48"W ×48"H×12"D
Clamping System	Pneumatic (Hands-Free Foot Pedal Activated)
Clamp Configuration	(4) Heavy-Duty Horizontal Clamps
Clamping Pressure	Delivers up to 3,500 lbs of clamping force
Operation Speed	Blazing fast (2) second clamp and square cycle
Working Orientation	Ergonomic Upright Vertical Design
Machine Footprint	82"L ×86"H×36"W
Assembly	Shipped pre-assembled for immediate integration

PRIMARY APPLICATIONS

- **Drawer Assembly:** Assembly of dovetail and doweled drawer boxes.
- **Case Goods:** Perfect for upper cabinet box and high-end case goods production.
- **Precision Squaring:** Accurate square assembly of drawer components and panels.
- **High-Volume Production:** Ideal for high-volume cabinet manufacturing environments.
- **Custom Shops:** Essential for custom woodworking shops requiring fast, accurate clamping.

WHY CHOOSE THE JLT #190C

- **Rapid Throughput:** Clamp and square entire drawer boxes perfectly in just seconds.
- **High Scalability:** Handles a massive range of box sizes up to 48"× 48" × 12".
- **Unwavering Power:** The powerful pneumatic system guarantees consistent pressure every cycle.
- **Zero Bottlenecks:** Quick adjustments drastically reduce downtime between varying jobs.
- **Industrial Lifecycle:** Built for rigorous, long-term use in demanding production environments.

PERFORMANCE & CONSTRUCTION FEATURES

- High Clamping Force** High clamping force up to 3,500 lbs ensures tight, seamless joints and highly accurate box assembly.
- Fast Cycle Time** A blazing fast (2) second clamping cycle significantly increases production efficiency and daily output.
- Hands-Free Operation** Pneumatic foot pedal operation allows complete hands-free activation for improved workflow and operator safety.
- Horizontal Clamps** Features (4) heavy-duty horizontal clamps that provide absolutely even pressure across drawer and box assemblies.
- Pressure Hold System** A specialized side-mounted pressure hold system solidly locks assemblies in place while the glue sets.
- Quick-Adjust Carriage** An integrated quick-adjust roller carriage completely eliminates setup time when switching between different box sizes.
- Space-Saving Design** The upright vertical design actively saves valuable shop floor space while dramatically improving operator ergonomics.
- Aluminum Plates** Heavy-duty aluminum clamping plates provide a solid, non-marring, and highly durable clamping surface.
- Versatile Assembly** Highly versatile for multiple construction types, seamlessly handling both dovetail and doweled drawers. All-welded steel structural construction ensures long-term durability and unyielding machine stability.
- Steel Construction**

