

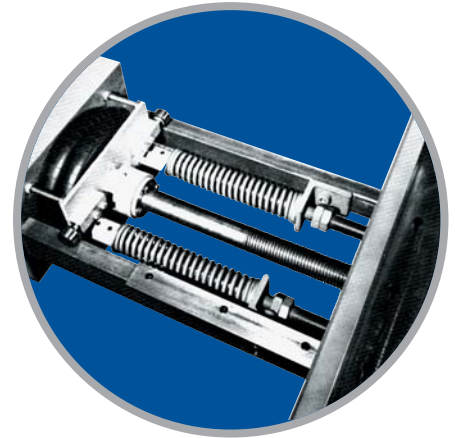
# Handy® Heavy Duty Frame Clamping Machines

Handy® Frame Clamping Machines are used in furniture and cabinet applications for assembly clamping of frame components. The assembly joints are tightly closed and clamped under high pressure as the assembly is squared and edges are brought parallel. High force, quality engineering and machine accuracy make possible "interference fit" assembly joints which, when retained by the right adhesive, have very high strength.

Handy's exclusive air pod pneumatic actuator is the main clamping force and can produce assembly pressures exceeding 16,000 lbs. The Power Pod® is a single acting cylinder without rod or piston and supplies an infinite variable pressure.

Its construction is superior in performance, both economically and reliably.

Each model (the 970 and the 960) is available in five standard sizes. The frame is heavy, fabricated steel and the clamp jaws and jaw plates are cold drawn steel. The clamping machines have adjustable legs, adjusted in 3 inch increments. The speed controls and clamping pressure are fully adjustable and two-hand operator controls are standard. The clamping machines are also equipped with the Handy Quick-Set™ end stops, which have two pins that can be positioned at 6" intervals.



*Each Power Pod® is capable of producing up to 8,000 lbs. of clamping force to accommodate even the heaviest assembly clamping work.*

*(Cover removed for photographic purposes).*

## At a glance:

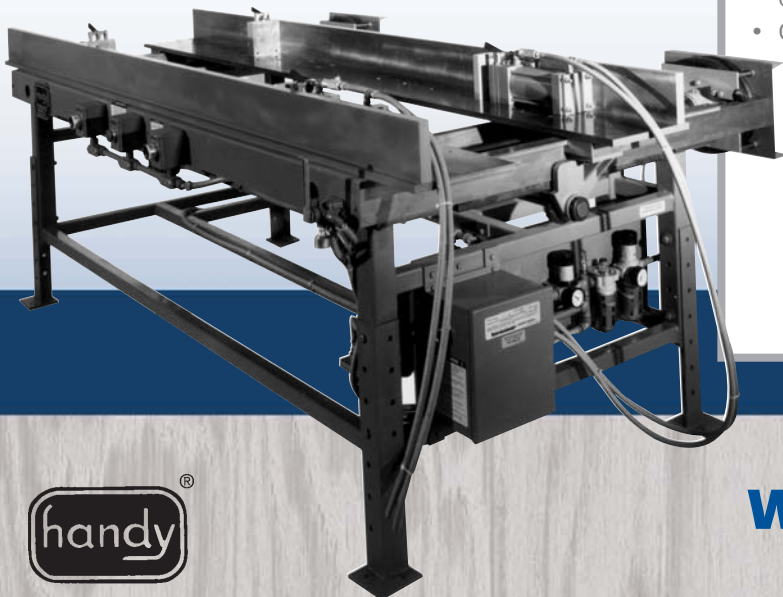
- Air pod pneumatic actuator produces clamping force and can produce assembly pressures up to 16,000 lbs.
- Available in five standard sizes
- Equipped with Quick-Set™ end stops
- Other options available

## What it is:

Machine for clamping heavy duty frame assemblies and components

## What it does:

- Used for joining various frame components in furniture and cabinet applications requiring high pressure, squared, parallel clamping
- Provides one-way (Model 970) and two-way (Model 960) clamping
- Squares assembly and brings edges parallel



**Warsaw Machinery, Inc.**  
www.warsawmachinery.com

# General Specifications



## Options available for both Models 970 (One-Way) and 960 (Two-Way):

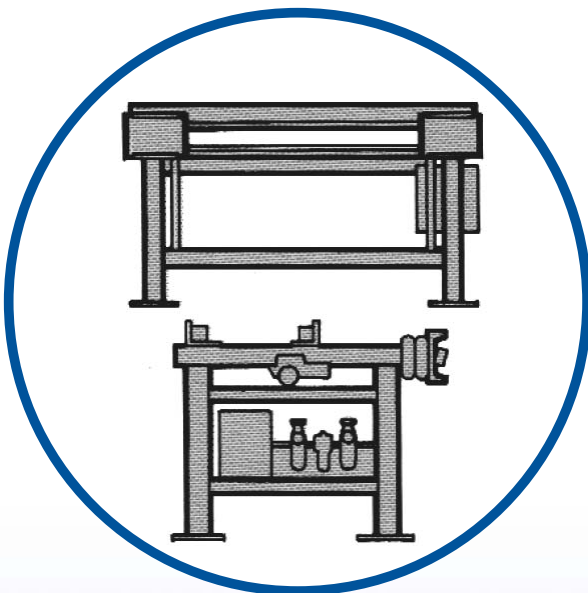
- Power Traverse— driven by pneumatic-powered motor and gear box for front-to-back adjustment
- No. 959 Solid Top— With this option, the machine is constructed with an uninterrupted, horizontal work surface to place the parts, allowing for assembly of complex parts made of many pieces.

## Options available for the Model 970 (One-Way Clamping):

- No. 938 Louver Door Locating Mechanism— Works with the 938 H Air Hold-down Mechanism to produce fast, accurate blind and louver door assemblies.

## Options available for the Model 960 (Two-Way Clamping):

- No. 940 Additional End Pressure Unit— An extra cylinder and Quick-Set™ end stop can be added for added end pressure for large assemblies. This option can be removed for smaller assemblies.
- No. 976 Segmented Jaws— Replaces the front vertical jaw with segmented sections for unusually shaped assemblies (head and foot boards).
- No. 966 Solid Corner Jaws— Solid square corner jaws are available for miter frame assemblies.



## Other Handy® Machines ▶

**123/124 Series Econo Clamp**— Rugged, economical construction, available in one or two-way clamping. Feature Quick-Set™ end stops and are quickly adjusted for size, pressure and speed of opening and closing.

**128 Series Revolving Frame Clamp**— Simple, economical way of squaring and retaining accurate frame assemblies with high quality and low cost per frame.

**938 Louver Door Assembly Clamp**— Special adaptation of the Model 970 Heavy Duty One-Way Clamping Machine. Normally includes No. 938 F Louver Locating Mechanism and No. 938 H Holddown Mechanism, which work together to produce fast, accurate blind and louver door assemblies.

**630 Series Stationary Case Clamp**— Features Power Pod® actuators for main clamping movement. Is available with 15 different jaw sizes, three bed lengths and can accommodate most case or cabinet assemblies.



No. 123/124



No. 128



No. 938



No. 630

## Tyler®

- Dovetailer-French
- Router
- Drill Head
- Double End Tenoner
- Undercut Dado Machine
- Multi-Spindle Panel Router
- Panel Feeder
- Hopper Feeder

## MBD®

- CNC Automatic Bandsawing System
- Vertical Industrial 36" Bandsaw
- Resaw Attachment
- Band Resaw
- Block Cutting Bandsaw

## Handy®

- Econo Frame
- Revolving Frame Clamps
- Louvered Door Assembly
- Frame Clamping
- Case Clamping Machines

*Since the manufacturer continuously strives to improve its products, it reserves the right to make changes and modifications without notice. For illustrative purposes only, some machinery may appear without guards or safety devices.*

**Tyler®**



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