

A SMART MACHINE FOR A SMART INVESTMENT!

Discover the SqueezeTight Throughfeed
Automatic Case Clamp



PROEDGE
TECHNOLOGY

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Pro Edge Technology is setting the new standard in case clamp performance. Introducing *SqueezeTight*, our vitually touch-free automatic case clamp.



Automatic Hydraulic Case Clamp

The **SqueezeTight** automatic hydraulic case clamp does the work for you. The builder simply places the assembled cabinet box on the conveyor and the machine does the rest! No programming is required as the case clamp automatically adjusts the height for the box, then only adjusts for the difference in width size if the new box is larger than the preceding box. Pro Edge Technology's SqueezeTight eliminates the need for constant **manual** adjustments required by other case clamps in the market. It's built tough to make your production process easier without the need for continual employee operation. Custom specs include:

- **Total automated** clamping of cabinet box
- 3 automatic belt driven conveyors
- Automatic height detection and adjustment
- Automatic laser length measurement of cabinet box *(this length is compared to the previous box length, then only opens for the additional length, if needed)*
- Hydraulic heavy-duty scissor arms for accurate squaring and clamping of the cabinet box
- Full photo curtain safeties on both front and rear of clamp
- HMI touch screen control
- Adjustable clamp time settings
- **THE ONLY MACHINE IN THE INDUSTRY TO OFFER A 5 YEAR WARRANTY!**

SqueezeTight is ideal for working with multiple builders producing cabinet boxes and placing them on the line, with no employee set up required for the cycle of the clamp.

Every aspect of the **SqueezeTight** case clamp has been logically considered to ensure its operation is easy-to-use, consistent, and durable.

Benefits

- No employee interface is required
- Allows for more boxes to be assembled per builder, per hour
- Can eliminate the stress on employees from having to lift heavy boxes on and off, and in and out of the clamp.
- Higher production capabilities of a given daily output.
- No set-up or adjustment time wasted.
- Hydraulic pressure to ensure a **Squeeze Tight** square cabinet box.



Heavy-Duty Hydraulic Pressurized Scissor Beams

- Adjustable hydraulic pressure for all types of box materials
- Automatic squaring across all four corners of the cabinet box
- Fully adjustable timing for clamp pressure
- Can be run in full automatic mode or semi-automatic mode if any processing is required to the box during the clamp cycle



HMI Touch-screen & PLC Controller

- Full data control for selecting operation modes and settings
- Control cabinet with quick set plugs so unit can be placed in front or behind clamp
- Roller pedestal for easy placement as needed



Conveyor Belt System

- 3 automatic belt driven conveyors
- 1st belt stages the cabinet boxes and measures them as they move onto the 2nd belt.
- 2nd belt centers the cabinet box for entering the clamp after the sides have opened to the correct width of the box
- 3rd belt receives the finished box and moves it onto the next conveyor for final assembly



Belt Feed Motorized Conveyors

- All belts are independently Delta VFD-controlled for accurate speed
- Siemens motors and worm-drive
- Seamless conveyor belt to ensure no scratches on box while being processed



Electrical Cabinet

- No proprietary components used
- Delta VFD's
- Delta PLC
- Delta power supply
- Siemens & Schneider contractors



Hydraulic Pump

- Clean and easy to maintain hydraulic power unit
- Adjustable side and top pressure regulators
- Analog gauges for pressure reading and setting
- Sight glass for oil level
- Well labeled hydraulic valves with LED notification

Specifications



MAX CASE HEIGHT	1,090 mm
MIN CASE HEIGHT	250 mm
MAX CASE WIDTH	2,280 mm
MIN CASE WIDTH	660 mm
MAX CASE DEPTH	650 mm
VOLTAGE	220v 3 phase
TOTAL POWER	6kw
WEIGHT	3,800 KG



Backed by our Industry Leading

★ 5 YEAR ★

Peace-of-Mind Warranty