



T-Series LS-Model Trim Presses



Photo shown
may include
optional items



Linear Guided Counterbalance



Expanded Side Load Window



Servo NIP Wheel Feed System
with Quick Change Sheet Guides

New Servo Design

Our new LS-Model horizontal trim press features the moving platen motion controlled through a servo motor and drive. The LS-Model is capable of slowing down for a controlled long ejection into product handling systems, speed up to make up the loop, and then maintain cycle time with the thermoformer. As with all Brown Machine Trim Presses, platen movement is precisely guided with linear bearings. Expanded side window opening on the LS-Model allows side loading of die sets with pre-punch/perimeter trim capabilities. Each trim press is designed, engineered, and built for maximum durability and service life. T-Series LS-Model Trim Presses offer –

- Linear ball guiding system for precision movement and alignment of platens
- No rocking platens due to offset tool loads/ extended die life
- Powerful servo motor and drive system for platen movement and trim force
- New linear guided counterbalance
- Expanded window for side loading of tool packages
- Quick change features to dramatically reduce tool changeover
- Servo feed systems
- User-friendly control system
- Simple maintenance design

Safety Features

- Guards. Designed to provide high visibility and easy access for operator safety.
- Interlocks. Electrical interlocks are standard on moving guards.

- Safety Tags. Bilingual with pictographic tags are standard.
- Main Electrical Disconnect. Has padlock.
- Stop Buttons. Large red palm stop buttons are standard. When depressed, they lock in the off position and must be pulled up and rotated back into a reset position.
- All safety features should be in place and functional at all times.

T-Series LS-Model Options

- Forward/Reverse Trim
- Custom Platen Configurations
- Quick Tool Change Packages
- Tool Carts & Die Set Roller Systems
- Quick Change Sheet and Canopy Guides
- Servo Flex Feed or Servo NIP Feed System
- Aluminum Sheet Guide with Multiple Arrangements
- Canopy NIP Feed Options
- Servo Ejector with Counter/Ejector Capabilities
- Series 4.0 Open Architecture Computer Controls System
- Product Handler Interface
- Multi-Row Trim Parts Tray & Dividers
- Granulator Controls
- Caster Mounted Frame
- Catwalk
- UL / CE / CSA / HSE Approval Available
- International Voltages Available
- Spare Parts Kits
- Start-Up and Training
- Custom Options

T-Series LS-Model Trim Presses

Specifications	Model T-130LS	Model T-350LS	Model T-454LS	Model T-564LS	Model T-570LS
Maximum Trim Tonnage	15 tons	30 tons	40 tons	50 tons	50 tons
Operating Speeds *	Up to 160 spm				
Adjustable Stroke	4.5" (114mm) Min				
	13.5" (343mm) Max				
Stationary Platen Opening **	12.50" x 30.00" (318mm x 762mm)	16.25" x 54.00" (413mm x 1372mm)	16.25" x 58.00" (413mm x 1473mm)	20.00" x 68.00" (508mm x 1727mm)	20.00" x 74.00" (508mm x 1880mm)
Sheet Width Maximum	33" (838mm)	53" (1346mm)	58" (1473mm)	68" (1727mm)	74" (1880mm)
Drive	Servo Motor and Drive				
Linear Guided Counterbalance	Optional				
CTC Parker HMI Interface with Servo and PLC Control	Standard				
Servo Flex or NIP Wheel Feed System	Standard				
Power Canopy	Standard				
Automatic Lubrication	Standard				
Quick Tool Change Frame (Side Load)	Standard				

Specifications subject to change without prior notification

* Depending on motor size/drive/sheave configuration

** Optional window sizes available

Leadership Through Innovation, Quality and Service

Brown Machine has earned a reputation for providing the most innovative, durable and dependable plastics equipment in the industry. With engineering and manufacturing capabilities in Beaverton, Michigan, Brown provides equipment, tooling and services to produce a wide range of thermoformed products in the following markets:

- Disposable Cup
- Food Packaging
- Housing
- Point-of-Purchase Packaging
- Material Handling
- Horticultural
- Automotive
- Lid and Plate
- Recreational Equipment
- Appliance

Today our equipment is producing products from a wide range of materials including:

- Polystyrene
- Polyethylene
- PVC
- Composites
- Polypropylene
- EPS Foam
- TPO
- Acrylic
- APET
- ABS
- Barrier Materials

Globally, Brown Machine totally supports its growing capital equipment business with a full complement of:

- Retrofit Kits
- Service: 24-7
- Remanufacturing
- Parts: 24-7

Continuous Thermoformers

Cut Sheet Thermoformers

Horizontal & Vertical Trim Presses

Lip Rolling Systems

Machines for Custom Applications

Tooling, Parts & Service



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A global leader of thermoforming technologies since 1952, Brown Machine LLC engineers and builds a complete standard line of continuous & cut-sheet thermoforming equipment as well as related tooling & peripheral equipment.

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