



V-Series Thermoformers



Photo shown may include optional items.



Servo Actuated Platen



Servo Ejector Counter



Servo Feed System

High Speed “Vertical” Trim Press

Brown Machine's V-Series Vertical Trim Presses are a continuous web, vertical acting, matched metal punch and die press. The press incorporates servo systems within the drive, feed, treadle, ejector and product lift table which results in high speed, precise trimming, accurate counting and integrated product handling. The fastest tool changeover in the industry is accomplished by process recipe recall, side load tool capabilities, and quick change features within both the treadle and platen areas. Each trim press is designed, engineered, and built for maximum durability and service life. V-Series Trim Presses offer -

- Optimum speed and performance by utilizing a servo driven moving platen, gear reducer and integral brake
- Part heights up to 7”
- Quick change and easily adjustable sheet guides
- Product handling and counting (tooling sold separately)
- Speeds up to 160 cycles per minute with selected options
- User friendly touch screen controls

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.

V-Series Options

- Product Accumulator
- Granulator Controls
- Servo NIP Feed or Servo Flex Feed
- Dual Discharge System
- Parts Discharge Conveyor
- Product Handling Lift Table
- Multiple Sheet Guide Options
- Quick Tool Change Package
- Caster Mounted Frame
- Skeleton Web Take-Away System
- UL / CE / CSA / HSE Approval Available
- International Voltages Available
- Spare Parts Kits
- Start-Up and Training
- Custom Options

V-Series Thermoformers

Specifications	Model T-130V	Model T-345V	Model T-454V	Model T-564V
Maximum Trim Tonnage	15 tons	30 tons	40 tons	50 tons
Operating Speeds	Up to 145 spm			
Adjustable Stroke	4" (101mm) and 6" (152mm) or 7.5" (191mm) and 10.5" (267mm)			
Stationary Platen Opening (Standard)	20" wide x 41" long (508mm x 1041mm)	20" wide x 61" long (508mm x 1549mm)	20" wide x 67" long (508mm x 1702mm)	20" wide x 77" long (508mm x 1956mm)
Sheet Width Maximum	34" wide (867mm)	54" wide (1372mm)	58" wide (1473mm)	68" wide (1727mm)
HMI Interface with Servo and PLC Control	Standard			
Linear Guided Servo Actuated Platen System	Standard			
Servo Flex or NIP Wheel Feed System	Standard			
Power Canopy	Standard			
Automatic Lubrication	Standard			
Quick Tool Change Frame (Side Load)	Standard			
Conveyor Lift to the Part Transfer Conveyor	Optional			
Servo Ejector / Counting System	Optional			

Leadership Through Innovation, Quality and Service

Serving the thermoforming industry since 1952, Brown Machine has earned a reputation for providing the most innovative, durable and dependable plastics equipment in the industry. 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
- Recreation 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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