



T-Series Horizontal Trim Press



V-Series Vertical Trim Press

Precise Part Ejection with Three Modes of Operation

The Brown Servo Ejector Unit provides more production flexibility for thermoformers. Changes can be made to the ejection parameters through the HMI on-the-fly without having to shut the machine down and product trimming can function in three different modes of operation.

The unit allows you to:

- Short eject product on every stroke to remove the product from the trim die, or
- Short eject product on every stroke with an additional swing through long ejection for counter capabilities, or
- Swing through long eject product only for high speed applications with counter capabilities.

Parameter changes for acceleration, deceleration and ejection length are made at the operator interface. The long stroke method allows the machine to eject parts in stacks of a preset quantity, eliminating the need for a separate handling operation. Two platen-mounted linear bearing assemblies guide the unit for smooth actuation. Segen cylinders are available within the ejector platen to facilitate quick change.

The servo ejector system is available as an add on feature or can replace both pneumatic and mechanical systems to increase thermoforming production efficiencies.

Need Productivity?

Retrofit Kits or Remanufacture Can Be Your Answer

In addition to the Servo Ejector, Brown Machine offers a wide array of retrofit kits to upgrade your current equipment. Like other capital equipment, your thermoforming machinery eventually becomes technically outdated or inefficient. Adding a retrofit kit can provide features and options that were not available on your original machine. Retrofit kits can provide improvements in speed, reliability, safety, productivity or ease of control.

If your equipment requires significant upgrades or your machine condition has deteriorated, Brown offers complete remanufacturing services. By upgrading worn or outdated equipment with the latest technology, remanufacturing provides performance approaching "new machine" capabilities for maximum return on your equipment investment.

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. 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
- Remanufacturing
- Service: 24-7
- Parts: 24-7

Continuous Thermoformers

Cut Sheet Thermoformers

Horizontal & Vertical Trim Presses

Lip Rolling Systems

Machines for Custom Applications

Tooling, Parts & Service



Global Leader in Thermoforming Solutions

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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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