



C-Series Thermoformer



CS-Series Thermoformer

Advanced Design Promotes Safety

The availability of a cutoff system eliminates any need for operators of thermoformers to physically hand-cut sheet material with a knife. This can be added to all C-Series and CS-Series thermoformers handling up to .100 inch (2.54mm) material thickness and 10 inch (254 mm) product height. The systems are designed to accommodate sheet widths from 28" (712mm) to 74" (1880mm) on both Brown Machine and competitive models of thermoformers.

These automated cutoff systems can be integrated as options on new equipment, or as a stand-alone retrofit item for existing thermoformers. This system may be located at both the infeed and exit ends of thermoformers to maximize safety and uptime.

First and foremost is the safety benefit of the operator not having to physically cut the sheet as it enters or exits the associated thermoformer. It automates, simplifies and replaces the traditional practice of an operator hand-cutting the sheet material with a knife. This system also facilitates feeding a square cut sheet to trim presses with advanced auto feed capabilities.

The wheel-type cutter has a positive transverse motion that is driven by a variable frequency AC motor drive coupled with a timing belt. The cutter is guided by a heavy duty roller system designed to withstand the most demanding applications. Cutting pressure is variable via an air regulator, allowing this unit to cut a wide variety of materials and thicknesses.

At the entrance end, the cutoff system is mounted in a fixed position and can be activated to cut the sheet at the beginning or end of a new roll, or at an operator's directed shutdown. The unit will cut at the next index cycle when activated.

At the exit end, the unit is adjustable in sheet travel direction to cut at a pre-determined location. When activated, at the next cycle, the sheet will be cut to the preset length. This capability easily and automatically cuts programmable lengths of material that are consistent in size and easy for workers to handle.

Need Productivity?

Retrofit Kits or Remanufacture Can Be Your Answer

In addition to the Sheet Cutoff System, 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 Like other capital equipment, your thermoforming machinery eventually becomes technically outdated or inefficient.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
- Parts: 24-7
- Service: 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

World Headquarters: Brown Machine LLC, 330 N. Ross St. Beaverton, Michigan 48612, USA

Ph: 989.435.7741

sales@brown-machine.com

www.brown-machine.com

TF: 877.702.4142

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.

Fx: 989.435.2821