



R-Series Rotary Thermoformer



S-Series Shuttle Thermoformer

Prevent Damages with a Brown Fire Protection System

Originally developed by Brown in 1998 as optional equipment, this fire protection system is available for retrofit on all Brown ovens. It can also be retrofitted to many other brands of single-station cut sheet machinery. Located in the bottom ovens, the system incorporates Teflon® sheet curtains to help reduce the chance of oven damage or an accidental fire. During an emergency stop condition or power outage the curtain automatically deploys between the sheet and the heating elements. The

curtain decreases the chance of melted debris from coming in contact with the oven's heating elements and protects them from damage. In the event excessive sheet sag occurs during thermoforming, an independent safety sag eye automatically shuts the oven down, activates the curtain, and an air jet cools the sheet. Automatic fire protection systems are available as a standard option or as a retrofit kit on all Brown ovens. Find out what this system can do for you.

Need Productivity?

Retrofit Kits or Remanufacture Can Be Your Answer

In Addition to Mold Clamps, 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 Like other capital equipment, your thermoforming machinery eventually becomes technically outdated or inefficient.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 By upgrading worn or outdated equipment with the latest technology, remanufacturing provides performance approaching "new machine" capabilities for maximum return on your equipment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

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