

For Release: NPE 2006 -- June 19, 2006 (BRO # 8004)

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Brown Machine LLC, NPE 2006 News (Booth #S1409):

Three Larger Mold Size Machines Introduced For Brown CS-Series In-Line Thermoformers and Trim Presses

Beaverton, MI – Brown Machine LLC confirms their announcement of larger size model additions to their current line of servo driven CS-Series in-line thermoformers. Increased part processing capacities are now available with the introduction of these larger size models:

- CS-5454 Thermoformer: 54” x 54” mold size capacity, 58” max. sheet width
- CS-6464 Thermoformer: 64” x 64” mold size capacity, 68” max. sheet width
- CS-7070 Thermoformer: 70” x 70” mold size capacity, 74” max. sheet width

At the SPE Thermoforming Conference in September 2005, Brown announced the intent to expand their standard size offering and were keenly interested in the customer’s perception. “These machine sizes definitely have a fit for certain product applications” says Bill Kent, Brown Machine’s Vice President Sales/Business Development , “We have always offered custom sizes to meet product specific applications, and with the variety of product layouts being evaluated, we decided it was best to standardize on some set sizes” Kent adds. Brown has provided a variety of machine sizes in the past with their largest being 50” x 60” applications for shallow draw disposable plates and deep draw nursery containers

All of the new thermoformers include the following features:

- Heavy duty four toggle servo driven form station with linear bearing corner guided platens,
- Servo index with heavy duty slide chain rails,
- Multiple oven heater and zone configurations,
- Large pneumatic vacuum and blow form circuits, and
- Series 4.0 open architecture user friendly control system

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A host of options include:

- Independent roller screw actuated 3rd motion plug platen (patent pending),
- Quick tool change packages,
- Motorized rails with Auto-V capabilities,
- Servo valves for vacuum bleed, air eject and blow form circuits,
- Roller guided infeed,
- Sheet Cut-Off system, and
- many others.

Brown also offers larger horizontal (T-Series) or vertical (V-Series) trim presses to pair up with these larger sized formers. T-Series trim presses are available in linear guide flywheel driven standard L-Models, along with LP and LDP Models incorporating extended stroke for deep draw products requiring progressive trim applications, and servo driven linear guided LS-Models. V-Series servo driven vertical trim presses can be used as either an intermediate trim press for pre-punch applications or as a perimeter trim press to trim, count, accumulate and transfer pre-counted stacks of products. As with all T-Series and V-Series trim presses both mechanical and servo feed systems, servo eject, power canopies, counterbalance, quick-change and a variety of other options are available to configure the trim press to meet your requirements.

These larger CS-Series thermoformers and Trim Presses join the thermoforming industry's most trusted line of servo-driven in-line thermoformers in numerous mold size configurations: 25" x 26", 30" x 36", 40" x 42", and 50" x 50" models.

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Brown Machine at NPE 2006

Brown Machine will be exhibiting at NPE 2006 at McCormick Place in Chicago, IL, June 19-23, 2006 at booth #S1409 and can answer your questions regarding large scale continuous forming and trimming.

On Brown Machine LLC

As a global leader of thermoforming technologies, Brown Machine LLC engineers and builds a complete standard line of continuous and cut-sheet thermoforming equipment and related tooling/peripheral equipment. Specialty thermoforming systems suited to a wide range of markets (including automotive, recreational, packaging, appliance and various other industrial segments) can be custom built to exact customer specifications. Brown Machine fully supports the thermoforming industry (Brown machine owners and competitive models, as well) with a full complement of 24/7/365 on-call service and parts support.

For more information contact Brown Machine, 330 North Ross Street, Beaverton, MI 48612, Phone: 989-435-7741, fax: 989-435-2821, www.brown-machine.com.

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