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For Immediate Release

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Brown Machine Introduces Advanced Canopy System for Trim Presses

New in 2015, Brown Machine introduces an Advanced Canopy System for positive guiding, loop control, and precision web positioning transfer to the feed system. "The canopy is often the most overlooked part of producing quality trimmed products. It serves a critical function to first move the formed web from the thermoformer and then to consistently and precisely transfer into the feed system," says Jim Martin, Brown Machine's Vice President of Process Engineering.



The new Brown advanced canopy system consists of three main sections, an elevator, a sheet tamer, and an upper canopy treadle. The elevator section is designed to power the web for positioning to the upper treadle. Upper and lower nip wheels provide three modes to transfer the formed web: push the web over the canopy, pull the web up the canopy, or a combination of both the upper and lower wheels to push and pull the web within the canopy. This new design ensures positive and precise web movement for virtually every given variable in product, material, and gauge thickness, expanding the flexibility of trim press canopy systems.



The sheet tamer/blower section provides control of the web loop for transition into the canopy treadle. This section is vital in automatic sheet threader mode. The formed web is automatically carried over the canopy and positioned into the feed cage to begin trimming and producing perfect parts on the very first cycle, minimizing scrap and set-up time.

The new canopy treadle provides the greatest benefit by accurately positioning and guiding the formed web above the feed system. This allows the servo feed system to precisely position the web into the trim area resulting in higher quality, consistently trimmed products. "The features designed into this new canopy system provide operators with advanced capabilities in formed web control that is required to precisely position the web into the feed system, ensuring optimal trim results," Martin adds.

The Advanced Canopy System is available as an option on the new LS Elite Series Servo Driven Horizontal Trim Presses, as well as L and LP Series Flywheel Horizontal Trim Presses, or as a retrofit kit to existing trim presses.

Brown Machine LLC, Beaverton, MI, is the global leader of thermoforming solutions. Brown engineers and manufactures a complete line of continuous and cut-sheet thermoforming equipment and related tooling/peripheral equipment. Brown has designed and produced numerous thermoforming innovations since 1952 and has machines operating in over 65 countries worldwide.

To learn more about Brown's innovative products, visit: www.brown-machine.com