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For Immediate Release

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Brown Machine Introduces Neutral Link for Smoother Trim Press Operation

New in 2015, Brown Machine introduces a patent pending Neutral Link system to provide a true counterbalance condition for smoother trimming operation at high speed.

A new counterbalance Neutral Link incorporates multiple stroke settings to allow adjustment of counterbalance travel to optimally offset the combined weight of the moving platen and tooling. Thermoformers now can increase or decrease counterbalance stroke in relation to the increase or decrease in the moving platen stroke. Adding this capability eliminates the need to run with a fixed stroke counterbalance in a severely unbalanced weight load condition or having to add or remove weight from the counterbalance system.



This system provides a significantly smoother trim press motion than traditional offerings that use counterweights attached to the main-shaft or fixed position counterbalance systems.

“With trim speeds getting faster and trim tools getting heavier, you see a lot of movement of the press commonly referred to as ‘the press walking across the floor.’ The ability to balance the load and smooth the movements keeps everything in alignment and provides a higher level of trim quality,” says Justin Clarkson, Process Engineer for Brown Machine.

The Neutral Link counterbalance 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