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For Immediate Release

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Brown Machine's Next Generation of Integrated Machine Controls Provides More User-Friendly Operation, Performance, Compatibility and Serviceability

The next generation of thermoforming machine control is now available from Brown Machine. This new system is "information enabled," scalable, tightly coupled, and is optimized for visualization, discrete motion, servo motion, temperature control and machine safety. Based on Brown's fundamental principle of open architecture systems with user-friendly operation and no proprietary components, this new "Fully Integrated" solution utilizes Allen-Bradley (AB) as the single source provider ensuring compatibility and eliminating multiple points of serviceability.



An Allen-Bradley industrial PC with a Windows operating system is utilized for user-friendly menu based color displays and graphics to guide operators and maintenance personnel through all functions of the machine. This high speed PC provides virtually unlimited storage of product recipes, trending and SPC data, as well as the ability to operate Microsoft Office or equivalent products for manuals, maintenance logging procedures and data acquisition. National Instruments Lookout Software easily manages the machine's HMI communication and features are easy to expand in the future. Password protection, Ethernet, USB and online diagnostics all provide for an efficient, maintainable and secure system.

Brown's single source, integrated approach eliminates all interface components and third party drivers providing a clean line of communications between hardware and software systems. The system also includes fiber-optic noise-immune drive communications, off-the-shelf hardware and software, and is fully supported around the world by both Brown Machine and Allen-Bradley.

Brown Machine LLC, Beaverton, MI, is a global leader of thermoforming technologies, and engineers and manufactures a complete line of continuous and cut-sheet thermoforming equipment and related tooling/peripheral equipment. Brown has designed and developed numerous thermoforming innovations over the last 55 years and has machines operating in over 65 countries worldwide.