



11/01/22 – For Immediate Release

Press Release:

Beckwood Launches New Patents-Pending Linear Servo Press Line

St. Louis, MO – Beckwood Press Company, a leading manufacturer of custom hydraulic and servo-electric presses, automation systems, and the Triform line of precision forming equipment, today announced the launch of a world-class, patents-pending Linear Servo Press line. Beckwood LSP™ combines the flexibility of hydraulic presses with the performance of servo-mechanical presses, using an all-electric actuation system.

Beckwood LSP™ was designed using linear actuators to achieve the highest degree of accuracy and efficiency for ultimate forming flexibility. With fully programmable speeds, pressures and positions, this press line is the most configurable non-mechanical, non-hydraulic solution on the market today. LSP™ presses range from 125 to 500 tons, offering the largest tonnage capacity of any linear servo press available.

Because LSP™ systems are fully electric, users will experience a simplistic design with up to 70% fewer components than servo-mechanical presses and hydraulic presses. Eliminating the hydraulic power units and centralized lubrication systems results in presses that are safer, quieter, and free of leaks, with no risk of part contamination due to oil. By reducing the number of moving components, linear servo presses are also easy to set up, maintain, and troubleshoot. In fact, Beckwood LSP™ presses run for millions of cycles before maintenance is ever required. Additionally, they only use energy on-demand, greatly reducing energy consumption.

Every LSP™ machine generates full tonnage through the stroke without the risk of tonnage loss or getting stuck at bottom dead center (BDC). This means tonnages are not derated for long draws or strokes, and presses are appropriately sized for the application rather than upsizing to compensate for tonnage loss above BDC—a great cost savings for the user.

Tonnage monitoring and overload protection on every stroke are standard on these machines, and extreme bed-to-ram parallelism is a byproduct of the technology. Because of this, dies last longer, double-hitting is eliminated, and tooling maintenance costs are much lower than on traditional presses.

The intuitive programming and cycle parameters offer the utmost flexibility in configuring speeds, pressures, positions, and recipe creation. The programming infrastructure offers full control with strict part traceability while monitoring key components to ensure press health and part quality.

“We’ve seen a high influx in manufacturers adopting linear servo press technology on their factory floors,” said Beckwood President, Jeff Debus. “Initially, this new technology was limited in capability and tonnage range, but in response to the growing need, we designed a linear servo press that provides a multitude of benefits plus tonnages above 125.”

About Beckwood Press Company

Beckwood Press Company is a leading manufacturer of [hydraulic](#) and [servo-electric](#) presses, located in St. Louis, MO - USA. Established in 1976, they offer both standard and custom presses as well as [automation equipment](#) for virtually every industry and application, including a line of temperature-controlled presses for compression molding and high-temperature [hot forming / SPF](#) applications. Beckwood also manufactures the [Triform](#) line of precision forming equipment and the EVOx line of servo-electric presses. Get the latest news from Beckwood at beckwoodpress.com/news.



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