

Beckwood Press Company and Triform Sheet Hydroforming

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## Press Release:

### Beckwood Installs Large-Format Triform Fluid Cell Sheet Hydroforming Press

**St. Louis, MO** –Beckwood, manufacturer of advanced hydraulic press solutions and the Triform line of aerospace focused forming machinery, is proud to announce the installation of a 24” x 96” Fluid Cell sheet hydroforming press within the aircraft manufacturing facility of a US-headquartered company.

The Triform, Model 2496-5BD, has a specific appeal to industries and operations involved with forming a variety of part sizes in low volume, high mix environments. The 2496-5BD offers a maximum of 5000 PSI of evenly distributed forming pressure which can be used to form a variety of parts using the low-cost tooling associated with the Triform process. The press is offered with either a single bed shuttle, or dual shuttles with front and rear control stations for increased productivity.

“Aircraft manufacturers are learning the advantages of our Triform 2496-5BD, including its ability to accommodate a significant percentage of their aerospace parts,” said Beckwood’s President, Jeffrey Debus. Companies forming aerospace ribs, panels, trim pieces, brackets and more will appreciate the versatility the 2496-5BD offers. Additionally, manufacturers currently using traditional press brakes to form multiple bends in a single part, through several operations, will benefit from a consolidation of process steps and overall manufacturing time, by transitioning those parts over to the Triform process,” continued Debus.

Like its counterparts in the Triform forming equipment family, the 2496-5BD is fully programmable, designed for simple operation and features a structure which is engineered for Infinite Life. It features programmable pressure, on-board diagnostics, multi-level password protection, and a compact design for flush floor operation. The Triform is also exceedingly durable with low maintenance requirements including fast bladder changes which require approximately 2 hours to complete, and standard, catalogued components from premium suppliers.

“This particular Triform model features an OEE, or Overall Equipment Effectiveness system, for maximizing the user’s manufacturing productivity,” Debus continued. “Triform’s OEE system helps management identify production problems fast, through real-time monitoring of various criteria, including machine status, shift performance data, labor productivity tracking and more,” he concluded.

The Triform 2496-5BD features a variable frequency drive (VFD) to maximize energy efficiency by varying the motor’s speed & torque, based on actual demand requirements. Additional benefits of the integrated VFD system include reduced noise levels and a reduction in the operating temperature of the presses, thereby minimizing the on-board cooling requirements.

In addition to the Triform Model 2496-5BD, Beckwood offers an entire line of aerospace forming equipment, including several other Fluid Cell sheet hydroforming models, a full line of Deep Draw sheet

hydroforming models, extrusion and sheet / leading edge stretch forming machines, hot joggle presses and more.

*About Beckwood Press Company*

The [Beckwood Press Company](#) is a leading hydraulic press supplier, located in St. Louis, MO USA. They offer quality, custom hydraulic presses for virtually every industry & application, including a line of high-temperature hot forming / SPF presses for forming structural aerospace components. Beckwood also manufactures the [Triform line of Sheet Hydroforming Presses](#) in both fluid cell and deep draw models, hydraulic ring expanders / sizers, hot joggle presses, as well as a line of stretch forming machines for both extrusion, sheet and leading edge applications. Get the latest news from Beckwood at <http://www.beckwoodpress.com/news>.

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