

Beckwood Press Company and Triform Sheet Hydroforming

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Press Release:

Beckwood Expands Triform Product Line with 15,000 PSI, High-Pressure Deep Draw Sheet Hydroforming Press

St. Louis, MO –Beckwood Press Company, manufacturer of advanced hydraulic press solutions and the Triform line of specialty forming presses, has expanded its Triform product line with the addition of a 15,000 PSI Deep Draw Sheet Hydroforming press, featuring a 12” diameter maximum blank size and a 7” draw depth capacity.

The new Triform, Model 12-15-7BD, has a specific appeal to industries and operations involved with the frequent forming & drawing of high-strength materials for parts which fit within the 12” diameter maximum blank size area. The 12-15-7BD provides many of the same advantages of Triform’s existing 610-20-3SC (6” x 10” maximum blank size, 20,000 PSI, 3” draw depth capacity), while offering a larger forming area and greater draw depth capacity for more overall flexibility.

Medical device manufacturers, for example, who commonly cold form titanium, stainless steel, inconel, hastelloy and other high-strength alloys, will find this compact and efficient Triform a welcome solution to their manufacturing operations,” said Beckwood’s President, Jeffrey Debus.

Beckwood’s new 12-15-7BD benefits from all of the same technologies which have made their other Triform Deep Draw presses an industry standard for high-performance forming & drawing operations. Precision diaphragm pressure and punch position control, combined with built-in recipe handling capability, offers significantly increased forming proficiency in an intuitive package. For fast, cost-efficient new part development, the 12-15-7BD features Triform’s exclusive ‘In-Sight’ feature, which allows the press to be paused and opened at any point in the forming cycle to allow for a visual inspection of the forming process. And the structure itself – which is engineered for Infinite Life – maintains its compact, flush-floor design, requiring no pits or special foundations for installation.

The 12-15-7BD, like all other Triform Deep Draw presses, also benefits users in the way it makes pressure. “Beckwood’s Triform presses do not rely on oil displacement in the bladder by the punch or form tool, to achieve the programmed pressure,” said Debus. “The impact this difference can have is undoubtedly well known to many users of late model Cincinnati hydroforms, which all rely on displacement pressure. In other words, any size part, from the smallest to the largest the model can accept, can be formed in any size deep draw Triform. We have eliminated the need to operate a variety of press sizes to cover the range of parts needing to be formed,” he continued. “We’ve taken this to the extreme, when developing and forming a thimble-sized cup on a press featuring a 24” maximum blank capacity with a 10” depth of draw.

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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