

Beckwood Press Company and Triform Sheet Hydroforming

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Press Release:

Deep Draw Sheet Hydroforming Press Installed at Aerospace & Defense Industry Supplier Facility

St. Louis, MO –Beckwood Press Company, a leading manufacturer of configurable hydraulic presses and the Triform line of aerospace forming technologies, recently built and installed a new Triform deep draw sheet hydroforming press for Kreisler Manufacturing Corporation (New Jersey, USA), a global engineering and manufacturing services provider, catering to the aerospace, military & industrial sectors. The 16-10-7BD Triform features a 16” diameter forming area, 10,000 PSI of forming pressure and a 7” draw depth capacity to facilitate Kreisler’s production of a variety of high-performance aircraft and aerospace engine parts for their customers which include Pratt & Whitney, GE Unison, Honeywell, Rolls-Royce and Volvo Aero, among others.

The in-house forming capability Kreisler has gained with the addition of the 16-10-7BD is part of a larger company expansion, which includes a new manufacturing facility, and the increased use of in-house 3D printing for the production of, among other things, sheet hydroforming tools. The combination of the Triform’s inherent tool cost savings, with the rapid part production of the 3D printing technology, aids in Kreisler’s goal of reducing costs at every stage of production, from design to assembly and inspection.

“The entire team here at Beckwood is proud of the success we are having within the aerospace manufacturing sector,” said Beckwood President, Jeffrey Debus. “The widespread adoption of our aerospace forming product line – which now includes sheet hydroforming presses, extrusion and sheet / leading edge stretch formers, hot forming / SPF presses, hydraulic ring expanders and hot joggle presses – is an indication of the Beckwood / Triform team’s unique, decades-long experience with aerospace & defense capital equipment projects. Our ability to provide such a wide range of aerospace forming solutions is a benefit to manufacturers who are currently adding capacity and capability to facilitate the strong aerospace industry growth outlook.”

About Kreisler Manufacturing Corporation

Kreisler is a manufacturer of precision metal components and assemblies for use in military and commercial aircraft engines and industrial gas turbines. These products primarily include tube and manifold assemblies. Kreisler utilizes sophisticated, state-of-the-art manufacturing and inspection equipment, combined with an experienced workforce, to deliver premium components to the aerospace & defense industries. Kreisler offers a wide variety of design & fabrication experience, including bending, welding, forming, EDM, CNC machining, engineering and other special processes including nickel plating, passivation and titanium cleaning. Kreisler’s systems and processes are certified by a variety of industry standards, including ISO, AS9100 and NADCAP. One-piece flow, and cellular manufacturing strategies assure quality and a high level of productivity.

About Beckwood

The [Beckwood Press Company](http://www.beckwoodpress.com) is a leading manufacturer of hydraulic presses, sheet hydroforming presses, stretch forming machines and automation systems, located in St. Louis, MO USA. They offer quality, custom hydraulic presses for virtually every industry & application. New hot forming / SPF press technology, on-board PM features and integrated barcode scanning capability will help you work smarter & more efficiently. Beckwood also produces the Triform line of aerospace-focused forming solutions, which includes sheet hydroforming, extrusion and sheet / leading edge stretch formers, hydraulic ring expanders, rubber pad forming presses and joggle forming presses. Get the latest news from Beckwood at <http://www.beckwoodpress.com/news>.

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