



4/8/2020 – For Immediate Release

Press Release:

Beckwood to Manufacture Sheet Stretch Forming Machine for Aerospace Supplier H&R Parts Company

St. Louis, MO – Beckwood Press Company, a leading manufacturer of custom hydraulic and servo-electric presses, automation systems, and precision aerospace forming equipment, has been awarded a contract by H&R Parts Company to manufacture a 200-ton Triform sheet stretch forming machine.

The machine is designed for stretch forming of aerospace and defense parts made from aluminum sheets up to 3/16-in. thick and 114-in. wide. This machine will feature 40-in. of stroke with a 12-in. x 100-in. mounting table that includes +/-15-degree tilt. The jaws will travel horizontally to allow for a maximum distance of 72-in. and a minimum distance of 18-in. between them. The segmented jaws provide 6,000lb/inch and will allow for clamping of a wide range of sheet sizes.

In 2018, H&R Parts Co. installed a Triform model 24-5 fluid cell sheet hydroforming press with a 24-in. diameter forming area and 5,000 PSI of pressure to support their aluminum aerospace part production. In addition to the 24-5, the Triform product line also includes a full range of fluid cell and deep draw sheet hydroforming presses, stretch forming machines, ring expanders, and joggle presses to support low-volume, high-mix production.

“In a collaborative effort with the team at H&R Parts, we were able to design a solution that fits their needs and supports their growing operation for years to come,” said Beckwood Sales Engineer, Caleb Dixon. “By having the ability to design and build stretch form equipment around their specific requirements, H&R will experience a seamless transition from their existing machine this modern and reliable solution. This will be H&R’s second Triform machine, and we look forward to continuing our partnership long into the future.”

“Due to a Fire in January of 2019, our Skin Stretch Press was destroyed,” said Lon Legleiter, President of H&R Parts Co. “With the previous experience we had on the purchase of a Triform Fluid Cell Press, I decided to give Caleb Dixon a call to see what they could do for me on a replacement Skin Stretch Press. Thanks to Caleb and the guys at Beckwood, they were able to design a press that would fit my existing pit with very little changes to the pit. I cannot wait to get the machine installed and up and running to increase my production the same way we did with the Triform Fluid Cell Press. A big Thanks to Caleb and the crew at Beckwood.”

About H&R Parts Company

Since 1955, H&R Parts Company has been supplying sheet metal components and assemblies for the aerospace and defense industry. Their 34,000 sq. ft. manufacturing facility in Wichita, KS is dedicated to fulfilling orders for the U.S. government as well as commercial customers and local business partnerships. They are ISO9001:2015 and AS9100D certified and boast an 89% on-time delivery rate. Learn more at hrpartsco.com.



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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