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## **For Immediate Release**

### **Breakthrough Allows Distortion Free Metal Forming of Pre-finished Surfaces**

**Hartsville TN, USA:** Fluid Forming Americas' FormBalancer is now capable of virtually distortion-free forming of intricate pre-brushed and pre-patterned surfaces.

This breakthrough in advanced metal forming technology is achieved by varying the bladderless forming process pressures throughout the duty cycle. And because the water pressure side is friction free, it prevents marring the detailed finish of brushed and patterned sheet metal. In fact, the resulting, finished parts exhibit completely distortion free surface patterns. This can eliminate multi-step traditional metal forming processes in many cases, and at substantial cost savings.

The entire FormBalancer product line utilizes a unique bladderless forming technology directing pressures of up to 60,000 psi to create complex parts with unprecedented levels of very distinct features and details. In fact, FormBalancers can achieve a minimum radii of 1.5 times the material thickness.

“The ability to use pre-finished materials can have a significant impact on the final product cost as it avoids labor-intensive post-forming process work such as polishing, patterning, and coating. This creates additional margin opportunity for parts that previously were very difficult or even impossible to create”, said Paul Benny, President of Fluid Forming Americas.

During the last decade, the FormBalancer line of bladderless products have seen increased utilization in the automobile, aerospace, and medical industries due to its extreme versatility and ability to produce complex components in fewer steps. The capability to use pre-finished materials is an important part of that continued success. In all these industries, being able to design, model and produce parts with these pressures and capabilities opens up incredible opportunities by allowing companies to reduce cycle time, explore previously untapped product opportunities and grow their revenue and profits.