

SEI NEWS AND PRODUCT BULLETIN

SERVICE ENGINEERING, INC. - 2190 W. MAIN ST. - GREENFIELD, IN 46140 - 317.467.2000 - WWW.SERVICEENGINEERING.COM

October 2008



Reverse engineering, quality checking with exportable reporting



6ft. x 12ft cutable bed, dynamic head for precisely cut edges

Let Service Engineering Inc. put your company on the cutting edge.



Programmable, precise and repeatable

One-stop-shop for parts manufacturing www.cutbendweld.com

Service Engineering, Inc. has increased its competitive edge when it comes to precision sheet metal fabrication. Our Virtek LaserQC scanner not only documents flat patterns and piece parts, it directly exports CAD files of scanned items in as little as ten seconds. Those files can be easily imported, exported or transferred to the waterjet cutting machine. With these two machines working in tandem, efficiency and accuracy are increased significantly, saving time and money.

Our amazing 87,000 psi waterjet cuts virtually all materials regardless of hardness, it easily cuts steel thicknesses up to 8 inches, and it minimizes the waste created by traditional cutting techniques. The waterjet process is recognized as the most versatile and fastest growing process in the world (per Frost & Sullivan and the Market Intelligence Research Corporation). The waterjet has shown that it can do things that other technologies simply cannot. From cutting whisper thin details in stone, glass and metals; to rapid hole drilling of titanium; to cutting of food, to the killing of pathogens in beverages and dips, the waterjet has proven itself unique. No heat effected zones or mechanical stresses are left on a waterjet cut surface, as is typical with laser cutting. It is truly a versatile, productive, cold cutting process.

Our Amada HDS 1303NT fully-programmable press brake is equipped with bending solution software that allows us to efficiently design the part to be formed and check the design for buckle points. The software also indicates which dies and punches to use, where to place them, the order in which to bend the part and automatically presents the foot pedal in front of the operator at each bending station. This press brake has a bend length of 127" and bends with superior accuracy.

After scanning, cutting and bending your parts, we are ready to weld them to perfection and ship them to your facility.

Call a Project Manager for details about how we can help you increase your bottom line with these state-of-the-art technologies.

1.877.727.8333