

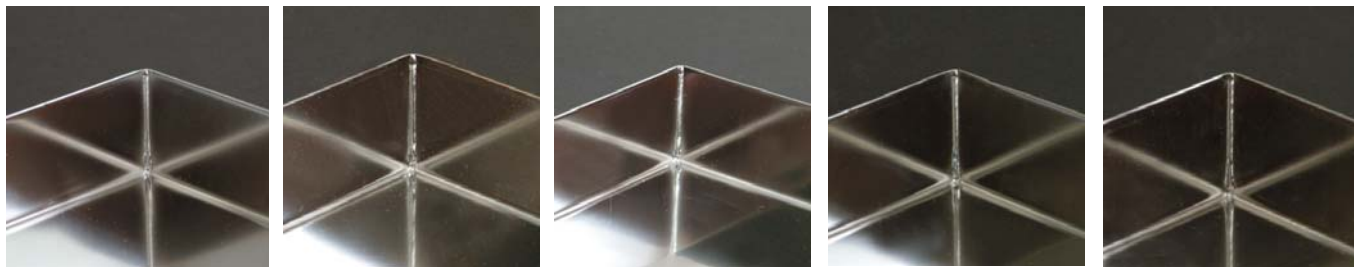
HURST

STAINLESS STEEL ROBOTIC FORMING AND LASER WELDING OF VIAL TRAYS

The key to laser welding stainless steel vial trays first lies in the ability to manufacture precision cut and formed parts. Our Salvagnini machines predictably produce parts accurate to .001". The result is a near perfect squared part. For two opposing surfaces to be laser fused together they have to be essentially touching.



**HURST ROBOTIC CUTTING,
PERFORATING, AND FORMING
PRODUCE NEAR PERFECT
PARTS WITH THE ESSENTIALLY
TOUCHING EDGES NECESSARY
FOR LASER FUSION WELDING.
LASER FUSION WELDING
PROVIDES CLEAN REPEATABLE
PERFECT WELDS AND
MINIMIZES WELD CLEANUP.**



All of the above corners were laser fusion welded at temperatures exceeding 2550° Fahrenheit. Notice the exact similarity of every weld. Laser fusion welding provides a clean predictable weld free from the fissures, pin holes, and the irregularities of manual TIG welding, where every weld is slightly different. Laser fusion removes the subjectivity of manual TIG welding and provides the ultimate level of weld quality and conformity.

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