

STATE OF THE ART MANUFACTURING

HURST CORPORATION is a major designer and manufacturer of stainless steel products for the Biotech and Pharmaceutical industries. HURST manufacturing partnerships have developed state-of-the-art technology to provide the highest quality certified material, precision robotic fabrication and finishing in the world. All HURST products are proudly made in the USA.

ROBOTIC FORMING

All HURST trays are formed and custom perforated on automatic Salvagnini robotic machines to provide tolerances to .001". All sides are exactly parallel with the extreme tight corners necessary for laser welding.



LASER WELDING

Laser fusion welding 'drills' a keyhole shape into stainless steel which rapidly fills in with molten metal at temperatures to 28,000°F.

All alien oxides are driven off leaving a perfect weld with minimal to no cleanup. Unlike TIG welding, Laser Fusion provides consistent predictable welds every time.



LASER ENGRAVING

HURST laser engraving is .002" deep to accommodate initial electro-polishing and EP refinishing as required. Standard laser engraving includes a manufacture date and sequential lot code.



ELECTRO-POLISHING

HURST electro-polishing service creates finishes to 4-5RA providing an exceptional smooth surface for optimal clean-up.

