



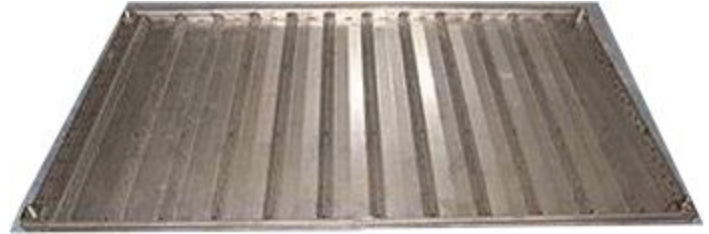
Able Electropolishing Co.
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#1024 Decorative/Brite Passivation

Industry: Pharmaceutical - Used in autoclave to sterilize products

Mfg/Method: Weldment/Formed - Tray

Alloy: 304 stainless steel



Before

Problem: The customer fabricated a complex and expensive stainless tray that required the welding of various formed parts. As a somewhat delicate assembly, cleaning of weld areas without damage or distortion became problematic. The end customer required extensive cleaning to remove contaminants after welding to enhance corrosion resistance.

Solution: Use the BriteSM Passivating process to remove the free iron in the heat effected zones and brighten part. By dissolving surface metal, surface heat discoloration and imbedded impurities from the welding operation were removed. The final product was clean, bright and ready for final assembly.

Note to engineer: *Stainless weldments are most economically electropolished if the joined materials are free of oils prior to welding. For advice and tips on improving electropolishing results on weldments, please contact our technical representatives.*