

Sheet Metal Cutting & Forming



High speed turret punch cuts aluminum, stainless steel, titanium and select aerospace plastics.



Cut parts ready for deburring.



Forming using a custom window die.



Multi-axis stops and 3D model interface allows precision forming with minimal set-up.



Forming parts ready for chemical finishing.

INTRODUCTION

Carlisle Interconnect Technologies (CarlisleIT) is a one stop destination for sheet metal in thin gauges of aluminum and stainless steel. Our metal fabrication facility in Franklin, WI focuses primarily on aircraft alloys, but can handle a wide variety of materials and forming challenges. State-of-the-art high speed cutting equipment from TRUMPF allows us to perform many stamping, forming and embossing operations directly on the turret shear/punch. This eliminates secondary operations and allows some unique features, such as louvers, bosses, coined countersinks and tabs, to be included very consistently with high precision and repeatability. All parts are programmed directly from 3D models from our design engineering department or furnished by the customer. Need more than basic tabs and louvers? The next step is a computer controlled 6-axis high precision forming break press. This brand new, state-of-the-art electric break allows high repeatability with few or no set-up pieces. Beyond break forming, CarlisleIT can also provide die forming, resistance spot welding, roll forming, heat treatment, chemical finishing, painting, screen printing and assembly services accomplished using your design or ours.