

Capability Statement

UEI: N181PEEWF7X7
Cage Code: 5U692

Estes Design and Manufacturing, Inc.
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Core Competencies

Estes Design and Manufacturing, Inc. is a precision sheet metal fabricating company located in Indianapolis, IN. Founded in 1976 with the goal of assisting customers with all aspects of product design and manufacture, from conceptual design through prototyping and on to full production, our state-of-the-art manufacturing capabilities include:

- CNC punching and shearing, bending, laser cutting
- CNC panel bending
- CNC Laser welding, robotic welding, mig and tig welding
- 5-axis CNC Machining
- Grinding and finishing
- Hardware insertion and Assembly
- CAD, product development and rapid prototyping services

Differentiators

- Fully automated sheet metal fabricating cell with automated storage and retrieval system supporting 4 automated fabricating machines - 2 CNC punch/shear machines, a high speed fiber laser, and a CNC panel bender with robotic load and unload. All operations can be conducted in full-automatic mode with no manual part handling. 24 hr/day production capacity. The ASRS can store 177 trays of raw material or processed parts.
- 5-axis CNC mill offering high-speed precision machining with a 41.34" x 22.05" x 18.11" working envelope and tight tolerances down to .00039.
- AS9100D, ISO 9001:2015, ISO 13485:2016.
- 11 CAD-trained designers on staff. Proficiency in CREO, Solidworks, Illustrator, and Photoshop.
- 8 engineers on staff with degrees in Mechanical Engineering, Mechanical Engineering Technology, Computer Integrated Manufacturing Technology, Manufacturing Engineering, Aeronautical Engineering, and Electrical Engineering.
- 5,400 square foot prototype operation dedicated to quick-turn prototyping and short-run production. Equipment includes CNC laser, CNC press brake with auto tool change, mig and tig welding. This group has access to and is proficient in the operation of all production equipment.
- Product development group with 5 full time specialists with extensive training and experience in all aspects of product design and development - from concept to finished product - including design engineering, DFMA, quoting, design validation testing, and advanced sheet metal fabrication.
- 85,000 square foot, 3 shift operation.
- JCP certified

Past Performances

Weapons Locker - Estes manufactures automated weapons storage lockers for law enforcement agencies including state police, county and municipal police departments, and DNR. These provide hardened, secure storage for automatic weapons, but provide immediate access for the officers through a patented remote access feature.

Ambulance Parts - Estes manufactured over 150 individual sheet metal component parts for military ambulances. The manufacturing capabilities, process controls and quality systems required to successfully produce these parts demonstrates Estes' ability to meet exacting military requirements.



Weapons Locker



Humvee Ambulance

NAICS Codes

- 332322 (Sheet Metal Work Mfg)
- 349900 (Fabricated Metal products, NEC)
- 541330 (Engineering Services)
- 541340 (Drafting Services)
- 332994 (Small Arms, Ordnance, and Ordnance Accessories Manufacturing)