SPINCRAFT
Standex Engineering Technologies Group

DEFENSE

Why choose us as your ***metal forming*** solutions partner?

Industry Expertise

Metal formers in the defense sector must achieve complex geometries and tight tolerances with high-strength alloys, delivered with an absolute commitment to quality and customer service. Spincraft leverages decades of experience and technical knowledge to support the industry with a wide variety of spun, formed and fabricated hardware components and assemblies that meet the exacting needs of leading defense contractors and their suppliers. Our solutions can be found across all branches of service and represent some of the most mission critical hardware in missile systems, naval vessels, armored vehicles, aircraft and more.

Spincraft solutions offer cost-effective routes to the highest levels of performance and quality. Our forming processes allow us to achieve near-net forms that drastically reduce metal input weight and machining requirements, creating major cost savings for the customer. At the same time, our proven industry experience allows us to collaborate with customers to find performance enhancements and risk mitigations including part count reduction and the elimination of welds to produce a stronger and more reliable product.

Interested in connecting with our sales team?

For inquiries or to learn about our capabilities and defense solutions, please email Defense@StandexETG.com.

Leading Solutions

Our approach offers customers cost-effective solutions with clear benefits:

- Near-net forming reduced input mass & required machining hours (less waste)
- Single piece construction eliminates weld & can improve part strength
- Ability to create integral flanges reduces assembly complexity

Our Competitive Difference

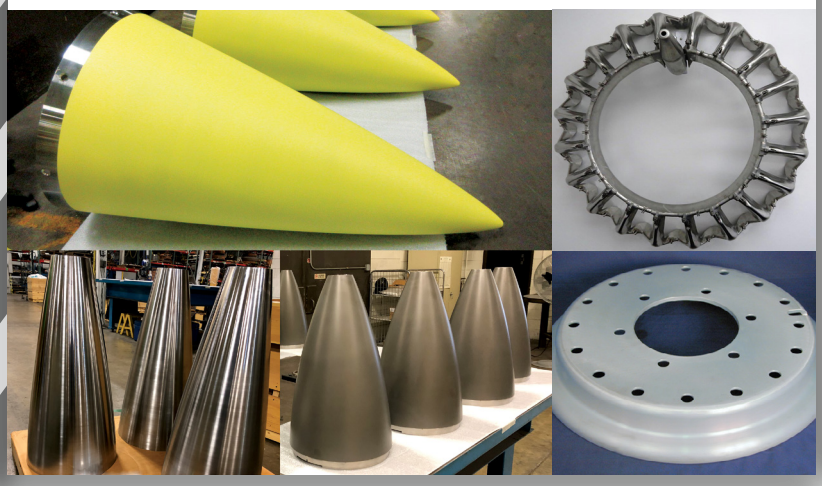
- Can form high-strength alloys at large thicknesses to narrow-tolerance contour shapes & edge thickness requirements
- Vertically integrated manufacturing process enabling turnkey offerings
- Industry-leading quality standards

Sample Manufacturing Capabilities

- Spin forming, shear forming & expansion
- 5-Axis Machining
- Design & development consulting
- Project & sub-contract management

Material Capabilities

Experience with Aluminum, Nickel, Inconels, Hastelloys, Titanium, Stainless Steel & more



SAMPLE SPINCRAFT SOLUTIONS

Missiles

- Nose Cones, Warheads & Shrouds
- Center Body & Liners
- Boat Tails
- Casings & Other Components

Vehicles

- Tank Wheels
- Track Inserts
- Turrets / Bulkheads

Aviation

- Bulkheads
- Engine Hardware
- Exhaust Liners
- Inlet Lipskins
- Nacelle Components
- Intake Particle Separators

Marine

- Propulsion Components
- Coupling Covers
- Fairwaters
- Mooring Bitts
- Shroud Covers
- Rope Guards