



NAICS: 333514
DUNS: 008971616
CAGE Code: 384B5

Capabilities Statement

Core Competencies - Aerospace

Location: Suwanee, GA USA
Website: WintonMachine.com
Email: sales@wintonmachine.com
Phone: +1 888-321-1499

Tube Fabrication Machinery

Mandrel Bending Systems: Precision bending of aluminum, stainless steel, titanium, and other aerospace-grade materials.

Tight Radius & Thin Wall Bending: Solutions designed for complex, high-performance aerospace applications.

Integrated Tube Forming Systems: Pulls from coil, straightens, cuts, end forms, and bends tubing—all in a single compact machine to reduce labor and optimize floorspace.

Wet Abrasive Sawing: Ideal for secondary processes like orbital welding; delivers clean, precise cuts on hard metals.

3D Simulation & Collision Detection: Visualize and verify bending operations prior to production.

STEP File Conversion & Batch Programming: Streamline setup with direct-from-CAD part programming.

Hand Benders: Manual precision tools for shop or field work; portable and engineered for accuracy.

Semi-Rigid Coax Fabrication Machinery

CNC Coax Benders (CX6, RD5, RD8): Precise 3D bends in semi-rigid coax for RF, communications, and defense applications.

Strippers & Pointers: Automated stripping and center conductor pointing systems ensure precise coaxial cable preparation.

Digital Protractors: Accurate manual measurement of bend angles, aiding in quality assurance.

Hand Benders: Precision manual bending tools to maintain VSWR and dimensional accuracy — ideal for prototypes and field adjustments.

Coax Cut-Off Machines (CTL-16S): Ensures square cuts and repeatable lengths for superior electrical performance.

Design, Build, Support

Over 40 years of engineering experience providing American-made tube and coax fabrication solutions.

Custom solutions and modifications to meet unique customer needs.

Proprietary software integrated into all machines to simplify operations.

U.S.-based service and support, with global customer base.

Training, documentation, and after-sales service focused on maximizing uptime.



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Differentiators

Made in the USA: All machinery is designed, built, and supported in Suwanee, GA.

Turnkey Solutions: Full lifecycle support—engineering, manufacturing, installation, training, and service.

Modular and Scalable Designs: Solutions adaptable from prototype runs to full production environments.

Industry-Leading Software: Including 3D simulation, collision detection, and CAD-to-machine programming.

Expertise in Aerospace, Defense, and High-Reliability Industries.

Lean Manufacturing Focus: Supports automated and lights-out manufacturing processes.

Representative Customers

- Northrop Grumman
- Collins Aerospace
- iSpace
- Ball Aerospace
- FAA
- Oak Ridge National Laboratory
- General Atomics
- NASA
- Blue Origin
- Jet Propulsion Laboratory (JPL)
- Boeing
- L3Harris Technologies
- Raytheon Technologies
- Ensign-Bickford Industries

Winton Machine equipment is trusted by major aerospace OEMs, defense contractors, and national laboratories for its reliability, precision, and support. Their customers use their equipment to make parts for the Iron Dome, Mars Rover, Nuclear Reactors and more.

Providing Complete Engineered Solutions: Design – Build – Support
Tube Fabrication | Coax Fabrication | Custom Engineered Machinery



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