

CAPABILITIES - OVERVIEW



Chapco Inc. is a U.S. based precision manufacturing partner, providing advanced sheet metal fabrication, machining, and complex assembly to original equipment manufacturers and high-reliability industrial sectors. With more than 60 years of manufacturing experience, we build the enclosures, structures, and assemblies that demand precision, consistent quality, and a supply chain you can rely on.

Our vertically integrated model carries programs from prototype through full-rate production. We design around repeatable tolerances and rapid scaling, so the part that proves out in development is the same part that ships at volume.

Built for OEM, Data Center, and Industrial Robotics

- Server and network enclosures, rack-mount chassis, and cable management structures.
- Robotic frames, guarding, and structural assemblies built to hold tolerance under load.
- Electronic chassis, housings, and brackets for high-density electronics and power systems.
- Precision structural assemblies that integrate fabricated and machined components.

Why Partner with Chapco?

- One source from prototype to full-rate production
- Tight, repeatable tolerances across runs
- Lights-out fabrication for volume and fast scaling
- Engineering support, DFM input, and value-add review
- Domestic supply chain and on-time delivery

Additional turn-key services from our collaborative companies and long standing vendor relationships:

- Engineering and Product Development
- Contract Manufacturing & Assembly
- Solidworks Modeling and Prototyping
- Reverse Engineering Capabilities
- Value Add Engineering
- Design Consulting
- Certification Facilitation

Industries Served:

- Original Equipment Manufacturers
- Data center infrastructure and hardware
- Robotics and industrial automation
- Military & Submarine Industrial Base
- Aerospace support hardware and non-flight-critical structures
- Advanced electronics
- Medical equipment and devices
- HVAC, fire safety, and prevention



Snapshot, Registrations & Certifications

• CAGE:	85006
• SAM UEI:	VUA5GYK66K98
• DUNS:	122208978
• NAICS:	332322 Sheet Metal Work Manufacturing
• SIC:	4333 Sheet Metal Work
• ISO 9001:2015:	270447
• Founded:	1964
• Website:	chapcoinc.com
• Capacity:	150,000 sq ft, 50+ staff, 2 shifts
• Head Office:	12 Bridge St., Deep River, CT 06417
• Phone:	+1.860.526.9535
• President & CEO:	Brian Weinstein x102
• COO:	Larry Feinn x 226

Testing & Quality Control

* Chapco Inc. maintains a Quality Management System to promote continuous improvement in all areas of its business operations. We are committed to exceed our customers' expectations by manufacturing high quality and competitively priced products delivered on time. Chapco Inc. is dedicated to establishing, developing, and maintaining partnerships with our employees, vendors, and customers, guided by integrity, honesty, and respect.

Chapco's Quality Management System is certified to ISO9001:2015

Quality Documents

- ISO 9001:2015 Quality Management System
- First Article Inspection
- Laser QC scan
- Certificate of Conformance
- Material certifications
- ITAR registered (DDTC)

Scan for website



Forming, Machining, Welding & Finishing

Precision Sheet Metal - complex geometries

- Fiber laser cutting, punching, forming with Trumpf Trumatic 6000 Fiber Laser and Trumpf 3030 TruLaser Fiber
- Precision press-brake forming and automated bend centers
- Lights-out fabrication for high volume and rapid scaling
- Hardware insertion/pemming
- CNC and conventional milling, turning, and tapping
- Tight tolerance machined components
- Hybrid fabricated & machined assemblies



CNC Press Brake Bending

- Precision forming with five LVD and Accurpress CNC pressbrakes
- 30 and 60 ton power presses
- Trumpf TruBend Cell 7000
- Forming capacity up to 175 tons and 12' length

Complex Weldments

- MIG, TIG & Spot/Resistance welding
- Complex welded assemblies
- Multi-material welding capacity
- Ground and cosmetic weld finishing
- Stainless Steel, aluminum, carbon steel, and specialty alloys

Sheet Metal Surface Finishes

- Standard mill
- Orbital sanded
- Stainless steel polished
- Cosmetic grinding
- Vibratory tumble
- Deburring
- Time save

High-Accuracy Multi-Axis Machining

- Vertical machining center capabilities
- Supports precision milling, drilling, and tapping
- Designed for repeatable tolerances
- Maintains controlled dimensional accuracy for consistent part quality

CNC Turning & Lathe Operations

- Precision turning
- Machining of cylindrical components
- Threaded features
- Integrates with fabrication & Assembly programs

Hardware Insertion

- PEM standard fasteners
- Custom hardware
- PEMS with auto-feed solution
- POP, Spin, Rivets, and Riv-Nuts

Sheet Metal Coating & Plating*

- Powder coat/e coat
- Hot-dipped galvanized
- Black Oxide
- Anodized (clear/all colors)
- Chromate conversion (clear yellow)
- Passivation (clear)
- Tin and silver plating

Part Identification

- Silk screen*
- Laser etching
- Metal stamping
- Ink stamping*
- Dot preen*
- Vibratory etch

Additional turn-key services*

- Engineering and Product Development
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- Value Add Engineering
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Please contact us for a more detailed discussion about geometries and tolerances for any service or specific work center

* services provided by our collaborative companies or trusted vendors.