

GN Corporations Inc. | Capabilities Overview

Advanced manufacturing, precision machining, automation and vertically integrated production solutions

Mission-critical manufacturing partner: GN supports aerospace, defence, energy, industrial equipment, advanced technology, government and R&D programs with precision machining, automation, engineering, assembly, fabrication, inspection, testing, finishing and logistics support.

60+

Years of service

120+

Employees

115,000

sq. ft. facility

25,000

machining hrs/month

50+

multi-axis CNC machines

28

automated CNC machines

Key Competencies

Precision machining: 5 and 9-axis CNC turning/milling, automated cells, OD up to 36 in. and lengths up to 120 in.

Specialized processes: gun drilling, deep-hole drilling, 5-axis waterjet cutting and additive manufacturing initiatives.

Value-added services: mechanical/electronics assembly, CWB-certified welding, brazing, hard facing, hydrostatic pressure testing, MPI, LPI/FPI, military-spec coatings, surface treatment, packaging and distribution.

Materials: low alloy steels, stainless steels, Inconel/Incoloy, chrome alloys, titanium, aluminum, copper/BeCu, magnesium, composites and specialized cast/forged alloys.

Technologies & Differentiators

Automation at scale: 22 industrial robots with payloads from 17 kg to 660 kg and integrated automated palletized systems.

Engineering partnership: embedded DFM support, custom manufacturing cell design, rapid prototyping and agile iteration.

Digital manufacturing: digital twin-enabled iteration and GN 4.0 data-driven production for throughput, efficiency and readiness.

Vertical integration: in-house capabilities reduce supplier risk, improve schedule control and strengthen quality outcomes.

Certifications & Compliance Status

AS9100D

ISO 9001:2015

ISO 14001:2018

ISO 45001:2018

Controlled Goods

JCP Enrolled

CMMC L2 progress
(certified Q4 2026)

SPRS Score: 80

Aerospace & Defense Customer / Product Experience

Customers: Archer Aviation, BAE Systems, Bell, Dart Aerospace, De Havilland Aircraft, General Dynamics Land Systems, Novatel (Hexagon), PCC Aerostructures, Pratt & Whitney, Raytheon, SKF Group, SKYTRAC and SpaceX.

Products: Product areas include missiles, fuselage, wings, engines, satcom connectivity and avionics systems hardware, and landing gear.

Why GN

Reliability

Six decades of manufacturing stability backed by a robust, audit-ready quality management system.

Advanced Automation

Automated 5-axis and 9-axis cells enable precision, repeatability, and competitive throughput.

Scalability

Infrastructure supports the full lifecycle from R&D and prototyping to automated mass production.

Process Improvement

Lean manufacturing and operational Six Sigma mindset focused on cost and lead time reduction.

Vertical Integration

In-house capabilities reduce supplier risk, strengthen cost control, and improve quality outcomes.

Strategic R&D Alliances

Government and academic partnerships support innovation, ITB alignment, and next-generation manufacturing.

Industries Served



Aerospace



Defense



Energy



Technology



Automotive



R&D

End-to-End Manufacturing Workflow



Design



Machining



Fabrication



Assembly



Testing



Finishing



Delivery

Advanced Manufacturing Cells (GN Facility)

