

advanced
coatings

cleaning and
refurbishment

original parts
manufacturing

quality
assurance

PRECISION

Manufacturing

Manufacturing Capabilities

NxEdge leverages integrated machining, anodizing, and a wide range of advanced coatings to deliver flexible, yet cost effective, manufacturing solutions. We use certified raw materials in our automated Computer Numerical Control (CNC) turning and milling centers.

Tooling and Manufacturing

- Manufacturing automation
- Quick turn-around time
- Product overhaul and repair
- Custom machine design
- Design and implementation on the fly

Materials Machined

- Aluminum, including (*but not limited to*): ALUM-6061, 7075, 5052, A356 and A357
- Plastics, Delrin, PEEK, PVDF, PVC, Polypropylene and others
- Stainless Steel, including: 303, 304, 316 & 440C
- Titanium

Maximum Dimensions

- Mill: X= 60" Y= 30" Z= 30"
- Lathe: X= 31" Y= 44"

Specialty Fabrication and Development

- In-house design by world-class mechanical engineering staff (*PhD level*)
- Rapid plastic prototyping, sourced locally for quick turn-around:

SLA: Stereo Lithography Apparatus

FDM: Fused Deposition Modeling
using ABS plastic



Integrated Capabilities

NxEdge in-house operations and processes enable us to perform multiple steps to deliver high-quality, completed parts with rapid turn-around time and lower overall cost. We offer end-to-end component design, plasma and other advanced coatings, precision manufacturing, and testing all under one roof, providing customers with the convenience and assurance of one point contact.

Quality Assurance and Engineering

NxEdge is committed to meeting the high quality standards that our customers demand. Our coating and manufacturing operations are ISO-certified. We continuously work to refine processes and invest in our workforce to maintain excellence in quality management and operational efficiency.

At NxEdge, we are equally committed to applying our engineering resources toward our customers' evolving needs. Novel coatings, specialized hardware engineering, process design and optimization, and materials science R&D are all part of our ongoing efforts to provide flexible solutions.



ISO 9001:2001



This product is manufactured at our Boise, Idaho, location whose quality system is registered as an ISO 9001:2000 facility.

Precision Manufacturing

