



COMPANY HISTORY

Founded in 1997 (incorporated in 2002) by Mike and Dee Lee, High Gear Specialties, Inc has become an industry leader in high end, machined products along with producing the Techmount brand of products. The company's long list of clients includes the Disney Corporation, Universal Studios, Ripley's Believe it or Not and more. With an in-house design/engineering team, a 3-D printer and manufacturing facility, HGSI is the perfect choice for a wide range of manufacturing needs.

FACILITY + CAPABILITIES

QUICK FACTS

- Multiple in-house CNC Machining Centers
- Multiple in-house Milling Centers
- In-house 3D Printing
- Capability for both production and prototype machining
- Assortment of Vibratory Tumblers, Abrasive Blast Cabinets, De-burring + Parts Washers
- Helicoil Insertion + Hardware Presses
- Manual Lathes + Manual Mills
- SolidWorks CAD, AutoCAD + CamWorks Software
- STEP, IGES, DXF, DWG + other file exchange capabilities
- NDD, LDD & CMM Capabilities
- Reverse Engineering
- Assembly & Sub-Assembly Capabilities
- Close Tolerance Part Production to .0002
- Custom Finishing Services
- Custom Packaging, Barcoding & Tracking
- Diverse Capabilities For Various Materials & Surfaces
- Large Quantity Production Capabilities
- Climate Controlled Production Facility
- Short Run + R&D Prototyping
- In-house engineering team + quality control
- Quick Turn Around Design Assistance Services

HGSI'S QUALITY CONTROL

- Calibrated Inspection Surfaces
- Calibration that meets ISO Standards
- OGP Optical Comparator
- Digital Height Inspection Gauges
- Precision measuring system using electronic optics, video + Reinshaw Touch Probe
- Multi-Sensor Video Metrology SmartScope to deliver accuracy, repeatability + helps improve costs associated with time of inspection
- A Tried + True Quality System Approved and Audited by our Customers

INDUSTRIES WE SERVE

- Aerospace & Aviation
- Amusement & Entertainment
- Aquatics & Aquarium
- Architectural
- Education
- Electronic & Energy
- Environmental
- Food & Beverage
- High Performance Racing
- Photonics
- Simulation
- Telecommunication
- Toy & Recreational Products



Aerial Footage of the HGSI
Facility





We promise to deliver on quality, reliability and a great relationship with our customers. Let us prove that to you!

- The team at HGSi