

ATLAS *Gear* **COMPANY**
ATLAS *Gear* **CHINA LLC**



U.S. Manufacturing & Importing Company



Atlas Gear Co., USA

Madison Heights, MI

Founded in 1946

- Corporate Office & Manufacturing Facility
 - 15,000 sq ft
- Warehousing Facility
 - 16,000 sq ft

Atlas Gear China, LLC

*Zhejiang Province, China

Subsidiary Established in 2000

- **Strategic Partnerships**
 - **Combined Sales - \$200M**
 - **Combined Investment - \$100M**
- 12 Manufacturing Facilities
 - 6,000+ Employees

*One of several factories





95 Years of Service for our Top 6 Customers – 15 yr Average

Gear Up!

Atlas Gear Advantage & Core Values

- Delight the Customer – **Service Excellence**
- **Specialized Production Capabilities** – High Mix & Low-High Volumes
- **Collaboration** – **Manufacturing Feasibility**
- **On Time Deliveries** – Release Programs & Warehousing in the U.S.
- **Exceptional Part Quality & Consistency**
- **Rigorous Quality Assurance** – First Piece, In Process & Final Inspection
- **Capital Investment** in the Future – Technology, Personnel, Real Estate
- **Competitive Pricing** – **Domestic & Best Cost Country (BCC)**

Technology - Equipment - Real Estate

- In the last 2 years Atlas Gear Co. has Invested > \$3M USD in Modern Equipment
- U.S. Warehouse Facility Acquired in 2014 for JIT
- Strategic Partners are dedicated to Advanced Production & Quality Control
 - State-of-the-art Machinery
 - Factory Certifications



CNC Gear Grinding up to 400mm



CNC Gear Shaping up to 800mm



CNC Gear Hobbing up to 500mm

Gear Production – Across our Enterprise

Internal & External Helical Gears

- Gears ½” to 100” diameter
- AGMA Class 10/11 gear
- Internal & External Shaping and Grinding

Straight & Spiral Bevels

- Cut &/or Ground Teeth
- Hot & Cold Forging
- Powdered Metal
- Plastic

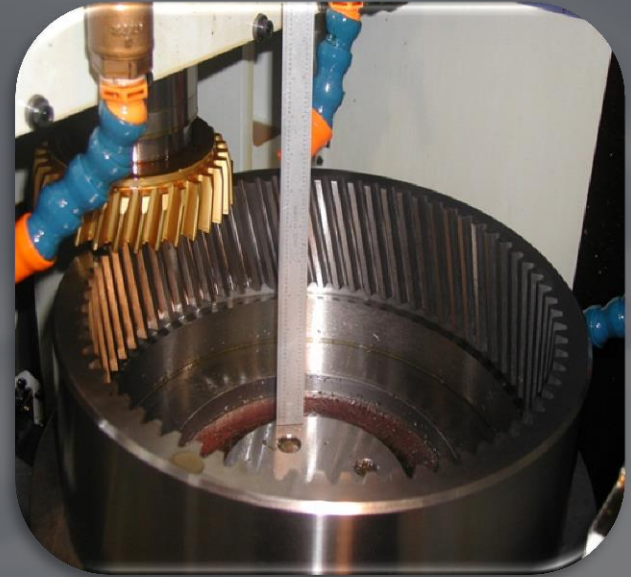
Spur Gears

Worm Gears

Crown Gears

Shafts

Splines



Bevels for many different OEM machine applications such as Hay Tool Tedders



Gear Production – Across our Enterprise

Gear and Shaft Production

- **7 million gear pieces annually**
- **3 million shaft pieces annually**



Spline Bushings for Injection Molding Machine



Power Tool Gears & Shafts



Worm Gears for Gas Compressors



Heavy Motorcycle Gears



Crown Gears for Industrial Pumps

Gear Production cont'd

Atlas Gear can Make Complete & Assemble to fulfill customer requirements



Planetary Gear System Components

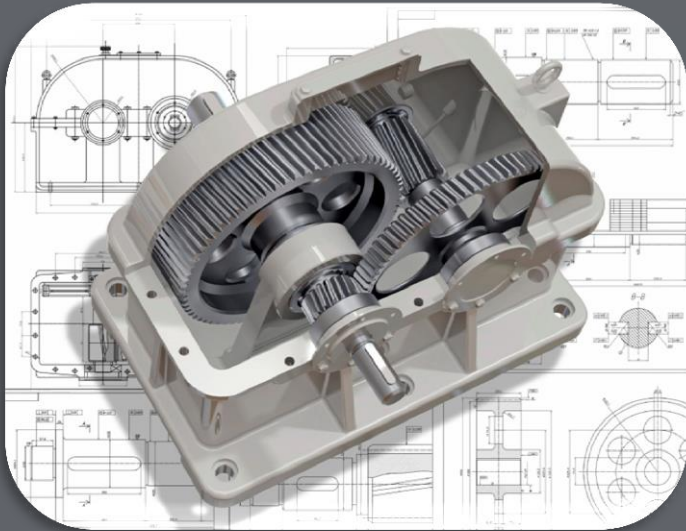
Production Gearboxes

Automotive

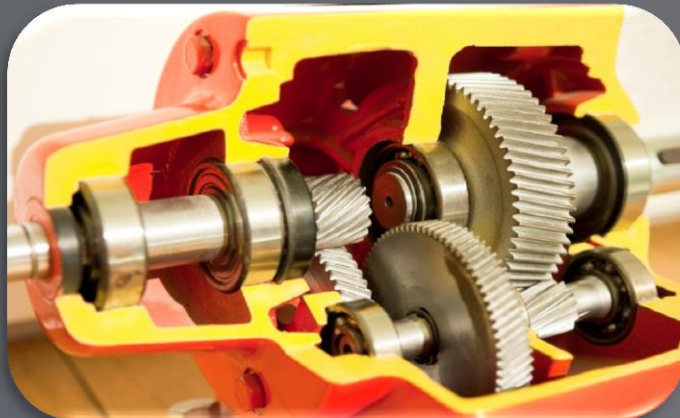
- Automobile; Truck; Bus; Agriculture

Commercial / Industrial

- Light; Medium; Heavy Duty



Transmissions - Made Complete



Differentials

- **Automotive**
- **Commercial**
- **Agricultural**



After-Market Differentials for Race Cars (street or track) & Off-Road Vehicles

Castings

Castings - all Types and Sizes

- **Ductile Iron**
- **Grey Iron**
- **Aluminum**
- **Stainless Steel**
- **Brass/Bronze**



High and Low Volume Capacity

Casting Lines

Highest Efficiency – Repeatability – Consistent Quality

Automated Casting Lines

- Sand
- Gravity
- Investment
- Die



Aluminum Casting



Quality Assurance

Design Innovation – Advanced Inspection Technology – Engaged Teams

- ISO 9001:2008 Registered
- ISO / TS 16949:2009 Certifications
- Complete PPAP
- In-House Quality Assurance Departments = High Marks on Customer Audits
- First Piece, In Process & Final Inspection - Reports kept on file



Gleason M&M CNC Gear Analyzer



CMM with Gear Package



Vickers Test of Heat Treat Material

One Organization delivering superior Products, Services and Pricing –
We take care of our customers from RFQ to Product Delivery

Enterprise

**Atlas
Gear Co.**



**Atlas
Gear
China,
LLC**



Deliverables

Mfg. Feasibility
High to Low Volume
Production
Complete PPAP Capabilities
Adaptability & Scalability
Latest Technology
Warehousing for JIT
Certifications
U.S. Quality Assurance
Rapid Prototyping
Engineering & Design



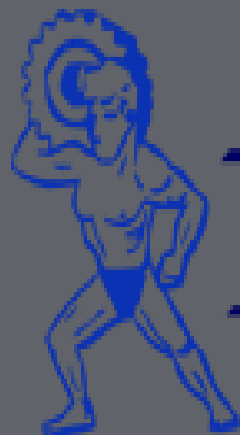
- Celebrating 70 Years of Quality Service
- Family Owned & in our 4th Generation
- Proudly supporting the following Industries and more: Automotive, Military, Agriculture, Construction & OEM Machine

<http://www.atlasgear.com>

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Bob Bouren
Owner & President



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