



ATLAS

Machine & Supply, Inc.

OVER 100 YEARS OF ORDINARY PEOPLE
DOING EXTRAORDINARY WORK

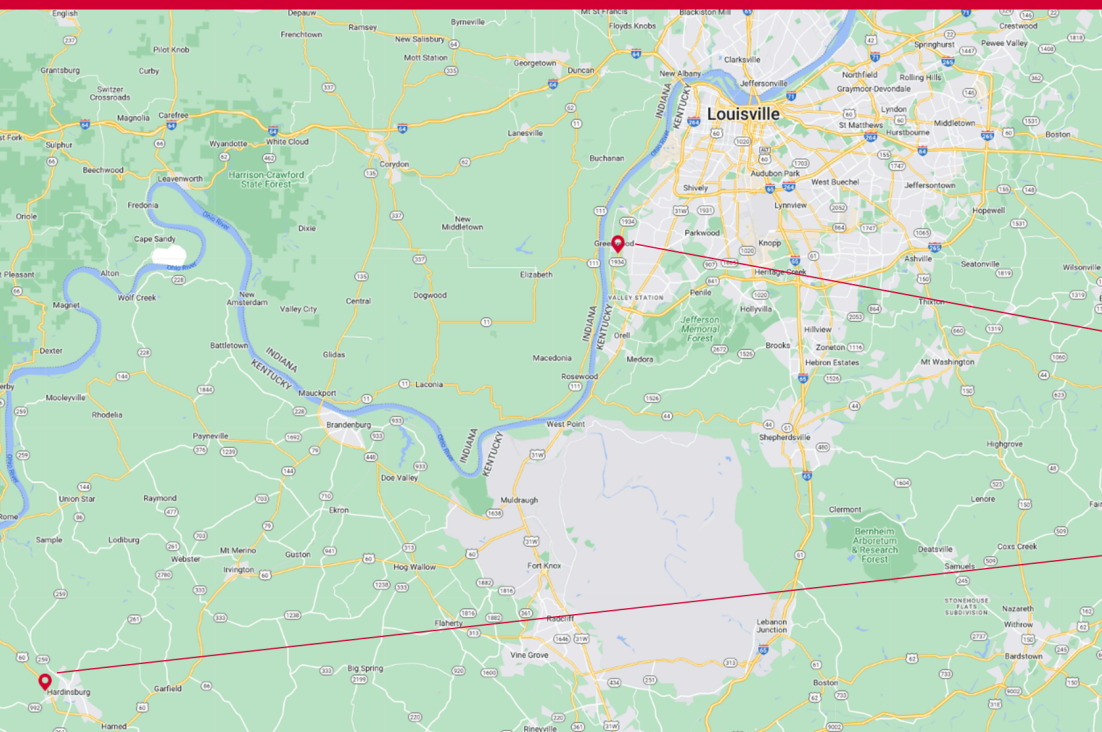


ABOUT ATLAS

SINCE 1907

Atlas Machine & Supply, Inc. is a fourth-generation, century-old, family business renowned for its excellence in the industrial services industry. With a focus on caring for both customers and employees, the company re-engineers, repairs, and manufactures complex manufacturing equipment, and is a leading provider of industrial air compressor solutions, providing services across the nation and the ability to travel worldwide.

- ✓ We provide innovative solutions to industrial equipment problems.
- ✓ A family-owned business established in 1907.
- ✓ 300+ employees.
- ✓ Average employee tenure over 11 years.
- ✓ Headquartered in Louisville, KY.
- ✓ 2 Machining locations and 8 Compressed Air locations.
- ✓ 3 shifts allow us to provide 24/7/365 service.



Atlas Machine & Supply has two machining and repair locations, an in-house location and an on-site field machining location. As well as 8 compressed air branches.

In-House Machining and Repair **Louisville**

7000 Global Drive
Louisville, KY 40258

On-Site Field Machining **Harned**

122 Industrial Park Lane
Hardinsburg, KY 40143



IN-HOUSE MACHINING & REPAIR

Excellence Starts in Our Shop

With over a century of experience, Atlas delivers expert industrial machining, rebuilds, and specialty manufacturing from our advanced facility in Louisville, KY.

Our Facility. Our People. Your Solution.

Atlas's in-house division is one of the most comprehensive machine shops in the region—with a talented, certified workforce and the tools to tackle your most complex jobs.

We specialize in turnkey repair and manufacturing solutions for large, critical industrial equipment. Our people are the key: highly trained machinists, welders, engineers, and metrology technicians **who care about getting it right.**



With decades of experience and a reputation built on trust, Atlas delivers precision, consistency, and responsiveness to every project.

If it's big and complex, this is the shop for it.

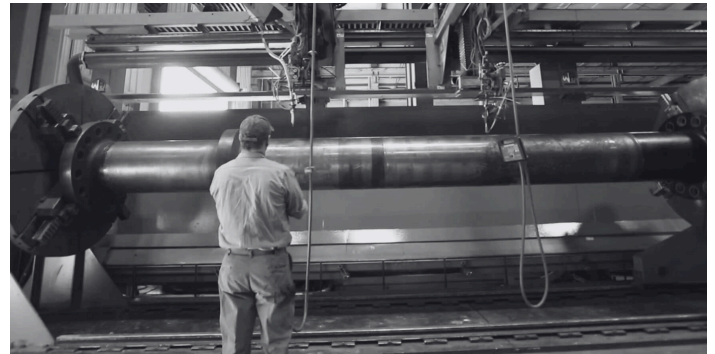
We're built to handle the big, the complex, and the critical.

- ✓ 40-ton lifting capacity.
- ✓ Large-format CNC lathes and mills.
- ✓ State-of-the-art metrology lab.
- ✓ Oversized and intricate part handling.
- ✓ Tight-tolerance restoration.
- ✓ Balanced workflow across multiple bays.

WHAT WE DO

We don't just machine parts. We restore reliability.

We go beyond machining—evaluating root causes, engineering material and design improvements, and restoring components to exacting tolerances. Every part is carefully inspected throughout the process, leaving our shop with renewed performance, longer life, and greater reliability.



Core Capabilities: Turnkey Expertise Under One Roof

Atlas provides full-spectrum machining and repair for critical components across dozens of industries. From simple repairs to complex rebuilds, our in-house team delivers reliable, precision-crafted results—start to finish.

Our specialties include:

-  Machine Repair & Rebuild
-  Component Performance Improvement
-  Low-Volume Specialty Manufacturing
-  Engineering & Design Support
-  Precision CNC Machining
-  Manual Turning, Milling, & Boring
-  Welding & Fabrication
-  Grinding & Thermal Spray Coating













Our comprehensive in-house capabilities:

-  Engineering
-  Assembly & Disassembly
-  CNC Machining
-  Welding & Grinding
-  Thermal Spray
-  Balancing
-  Metrology
-  Quality Assurance
-  Inventory/Material Handling
-  Documentation & Reverse Engineering

WHO WE SERVE

Atlas proudly supports a broad range of industries, each with unique challenges that require customized machining and repair expertise. Our customers trust us to provide solutions that enhance performance and minimize downtime.

WE KEEP THESE INDUSTRIES RUNNING

-  **Aerospace:** Precision machining and tight-tolerance fabrication for flight-critical components.
-  **Aggregate:** Heavy-duty repair and rebuild services for crushers, conveyors, and screening systems.
-  **Aluminum:** Coating, grinding, and machining support for high-temperature aluminum mill components.
-  **Automotive:** Emergency repairs, tooling, and component manufacturing for Tier 1 and Tier 2 suppliers.
-  **Bourbon:** Fast-turnaround repairs and custom machining for distilleries and bottling operations.
-  **Chemical:** Corrosion-resistant machining and thermal spray solutions for pumps and mixers.
-  **Energy/Utilities:** Urgent repair of turbines, pumps, and power generation equipment.
-  **General Manufacturing:** Full-service machining and engineering support for OEMs and contractors.
-  **Injection Molding:** Refurbishment of platens, cylinders, and hydraulic press components.
-  **Municipal Utilities:** Pump, motor, and treatment system repairs for water and wastewater plants.
-  **Ship Building:** Shaft, housing, and component machining for commercial and naval marine applications.
-  **Steel:** Roll repair, pot equipment rebuilds, and furnace roll upgrades to support continuous production.

Is your industry not on the list? That doesn't mean we can't help! Reach out to learn how our capabilities can support your operation.



EMERGENCY SERVICE | AVAILABLE 24/7/365

Atlas understands that machines do not break down according to your schedule. That's why we are available 24/7/365. We're here when you need us most.



WHAT SETS US APART?

OUR PEOPLE

SKILLED MACHINISTS. PROVEN RESULTS.

From master machinists and certified welders to seasoned engineers and technicians, our team is the foundation of our success. We are generations strong and deeply rooted in a tradition of craftsmanship and performance.

Our employees are not only technically skilled but also uphold the values of precision, professionalism, and safety in everything they do. With extensive training, certifications, and real-world experience, our machinists deliver results that are second to none. We empower our workforce with modern tools and a culture of continuous learning, because at Atlas, excellence is not just a goal—it's a standard.

Skilled Machinists. Proven Results.

Certified experts delivering precision machining and superior performance.



ATLAS DELIVERS EXCELLENCE - A WORKFORCE YOU CAN TRUST.

EQUIPMENT LIST

LATHES

Manual Horizontal Lathe Equipment

- 10 Engine Lathes: (Ranging from ½" to 60" Dia.)
- 12" diameter (12" over the carriage) x 54" between centers
- 19" diameter (13.75" over the carriage) x 72" between centers
- 22" diameter (16" over the carriage) x 120" between centers
- 24" diameter (25.5" over the carriage) x 236" between centers
- 47" diameter (35" over the carriage) x 360" between centers
- 60" diameter (54" over the carriage) x 260" between centers

Manual Vertical Lathe Equipment

- 1 VTL Lathe
- 42" diameter x 35" height

CNC Vertical Lathe Equipment

- 1 VTL Lathe
- 96" diameter x 59" height

CNC Lathe Equipment

- 11 CNC Lathes: (Ranging from ½" to 78.74" Dia.)
- (2) 12" diameter (12" over the carriage) x 40" between centers
- 12.5" diameter (20" over the carriage) x 60" between centers
- 24.4" diameter (16.54" over the saddle) x 25.59" between centers
- 32" diameter (25.5" over the carriage) x 144" between centers
- 34" diameter (28.5" over the carriage) x 144" between centers
- 37.4" diameter (25.6" over the saddle) x 118.1" between centers
- 39" diameter (32" over the saddle) x 122" between centers
- 39.37" diameter (38" over the saddle) x 159" between centers
- 78.74" diameter (66.92" over the carriage) x 275.59" between centers (Turn/Mill Capability)

MILLING (Vertical | Horizontal | Floor)

CNC Vertical Milling Equipment

- 4 CNC Mills:
- 30" (X) x 20" (Y) x 24" (Z)
- 39.76" (X) x 19.69" (Y) x 20.470" (Z)
- 64" (X) x 34" (Y) x 34" (Z) (4th axis capable)
- 86" (X) x 39" (Y) x 31" (Z)

CNC 4 Axis Horizontal Milling Equipment

- 4 CNC Mills (w/90° heads for internal keyways)
- 55" (X) x 54" (Y) x 43" (Z) – Max Table Weight: 8,800 lbs
- 78.75" (X) x 59" (Y) x 57" (Z) – Max Table Weight: 13,000 lbs
- 78.75" (X) x 70" (Y) x 70.75" (Z) – Max Table Weight: 15,000 lbs
- 140" (X) x 90" (Y) x 28" (Z) – Max Table Weight: 45,000 lbs

CNC Floor Mill

- 1 CNC Floor Mill
- 157.4" (X) x 78.74" (Y) x 27.5" (Z) x 39.4" (W) – Max Table Weight: 97,000 lbs

ELECTRICAL DISCHARGE MACHINING

1 Wire EDM Machine

- 19.7" (X) x 13.8" (Y) x 12.2" (Z) – Cutting Dimensions
- Max Part Size: 41.3" x 31.5" x 12.2" - Max Table Weight: 2,200 lbs

GRINDING (Manual | Cylindrical | Crankshaft | Surface)

Manual Cylindrical / Roll Grinding Equipment

- 8 Grinders (1" to 49.5" Dia.)
- 11" x 59"
- 22" x 94"
- 23.625" x 83"
- 23.625" x 118"
- 24" x 110"
- 25" x 172" (with .090" crown)
- 33.5" x 150"
- 49.5" x 230" (min. 72" part length)

CNC Cylindrical / Roll Grinding Equipment

- 1 Grinder
- 18" x 120"
- Abrasive Belt Grinding for carbide or chrome removal

Manual Crankshaft Grinding Equipment

- 2 Grinders
- 23.625" x 79" x 11" stroke
- 40" (w/ 4" risers) x 143" x 16" stroke

GRINDING (CONTINUED)

Polishing Equipment

- 1 Polisher
- 31.5" x 190" (sub-micron Ra finishes)

Surface Grinding Equipment

- 2 Surface Grinders
- 40" (X) x 14" (Y) x 17.5" (Z)
- 155" (X) x 62" (Y) x 62" (Z)

Rotary Grinding Equipment

- 1 Blanchard Surface Grinder
- 36" diameter x 12" height

I.D. Grinding Equipment

- 1 I.D. Grinder
- 10" I.D. x 10" depth (12" O.D. max x 8' long)

THERMAL SPRAY | HVOF

Thermal Spray Equipment

- 2 HVOF Units (1" to 63" Dia.)
- 48" x 173"
- 63" x 168"

Misc. Thermal Spray Equipment

- 1 Powder Flame Spray
- 1 Electric Arc Spray

WELDING (Thermal | Hardfacing | Flame | Arc)

Welding, Fabricating, and Hard Facing Equipment

- 4 Sub Arc Welders (1" to 80" Dia.)
- 10" x 135"
- 48" x 248"
- 72" x 282"
- 80" x 456"
- Misc. Welding Equipment
- 4 Heliarc and TIG Welding Machines
- 4 Conventional Arc Welders
- 1 Bore Welder (7/8" I.D. to 27" I.D. x 72")
- 1 Mini-CNC Burn Table: 4' x 8'
- 1 Stress Relieving Furnace: 20' x 8' x 8' (40 Ton Capacity, up to 2000°F)

MISC. EQUIPMENT (Metrology | Cleaning | Keyway | Press | Saws)

In-House Metallography Lab

- Specimen Prep, Microhardness, Vickers/Knoop Imaging (up to 400x)
- Porosity, Contamination, Coating Thickness, Grain Distribution
- Surface Roughness, Etching, Welding Analysis

Metrology & Inspection

- FARO Laser Trackers
- FARO Quantum ScanArm 3.5M (CMM)
- Optical Emission Spectroscopy (OES)
- Magnetic Particle Inspection
- Magnaflux Machines
- Portable Rockwell Hardness Testers
- Surface Finish Profilers

Press Equipment

- 2 Vertical Presses
- 34" x 240" x 33" (150 Ton)
- 46" x 240" x 46" (400 Ton)

Keyway Equipment

- 1 Keyseater
- 1/16" to 1" Keyway x 9" Stroke (1.250" I.D. min)

Drilling Equipment

- Misc. Radial & Bench Drill Presses

Sawing Equipment

- 2 Vertical Band Saws (up to 26" throat)
- 4 Horizontal & Cutoff Saws

Custom machines available for on-site machining, welding, and grinding.



ATLAS

Machine & Supply, Inc.

YOUR ONE-STOP SHOP



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WWW.ATLASMACHINE.COM

POWERED BY PEOPLE