



AGW

Atlanta Gear Works

YOUR POWER TRANSMISSION SOLUTIONS PROVIDER

GEARBOX REPAIR • GEARING • FIELD SERVICE

TEL (706) 216-5040 | FAX (706) 216-5052

WWW.ATLANTAGEAR.COM

GEARBOX REPAIR

WE WILL REPAIR OR REVERSE ENGINEER ANY GEARBOX.

Atlanta Gear Works has been repairing gearboxes for 25+ years. We use our wide range of capabilities to provide you with great customer service and quality repairs. AGW is a Timken certified repair shop and a NORD authorized repair center. If you have a question or need an estimate contact us with a few details about your company's needs.

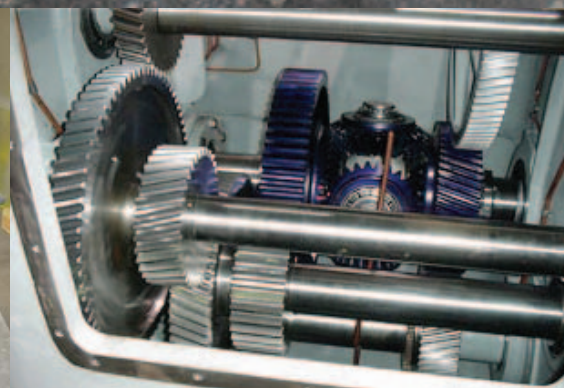


Paper Mill Gearboxes

AGW started in 1988, servicing the pulp and paper industry. AGW began by stocking and servicing Beloit Differential Gearboxes, PIV's and Transfer Cases for line shaft paper machines across the country. Today in addition to paper machine gearboxes AGW rebuilds pulper, vacuum pump and all other gearboxes used in the paper making process.



Hydropulper Gearboxes



Differential Gearboxes

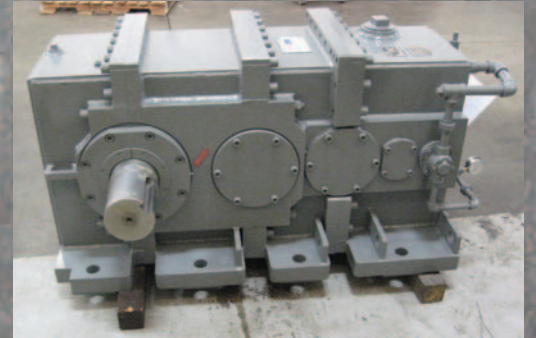


General Paper Mill Gearboxes



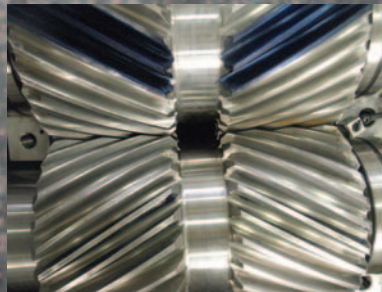
Steel Mill Gearboxes

Atlanta Gear Works has been servicing the steel industry for many years. Whether it is a roll stand gearbox, ladle car gearbox, BOF gearbox or any of the many drives used in steel production, AGW has the experience and expertise to rebuild them.



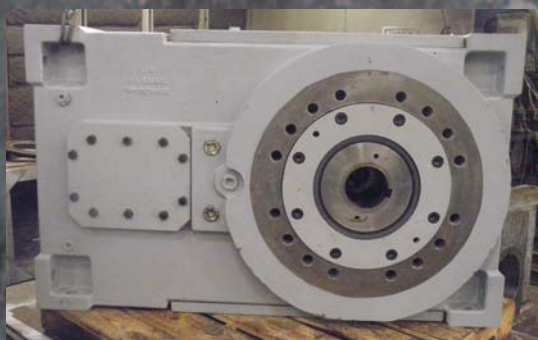
Tire and Rubber Plants

AGW can rebuild any make and model gearbox and we have extensive experience rebuilding mixing, extrusion and other gearboxes used in the tire and rubber making process.



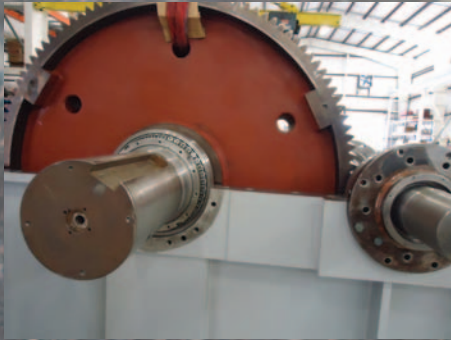
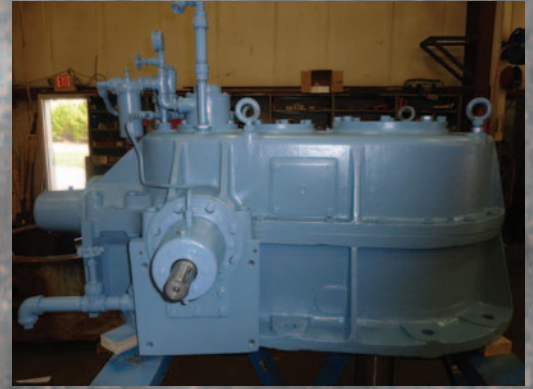
Chemical Processors

We often work on Chemical Processing mixer/agitator drives, pump drives, conveyor drives or cooling tower drives. AGW can repair any brand of equipment and have the capabilities to reverse engineer all components to equal or better quality.



Power Plants

Whether the equipment is a pulverizer, a turbine or any number of drives, AGW can repair or rebuild them. AGW equipment is used to support every aspect of wide-ranging power generation.



Other Industries

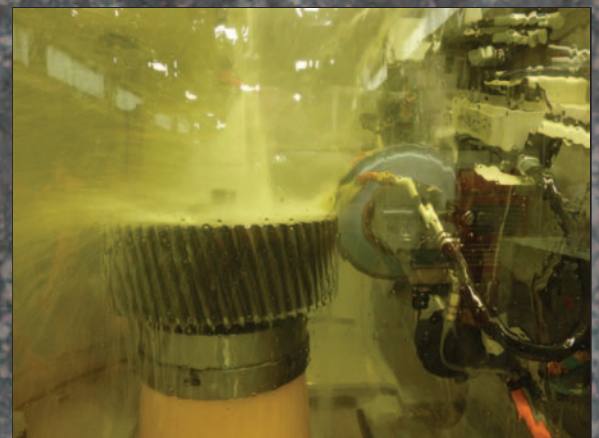
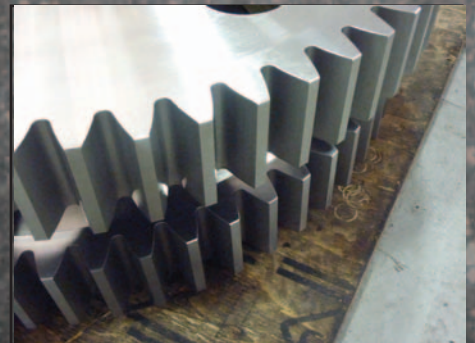
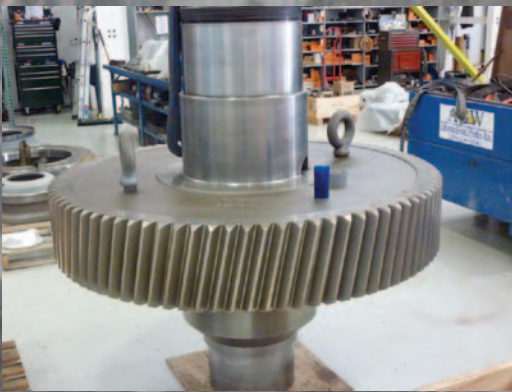
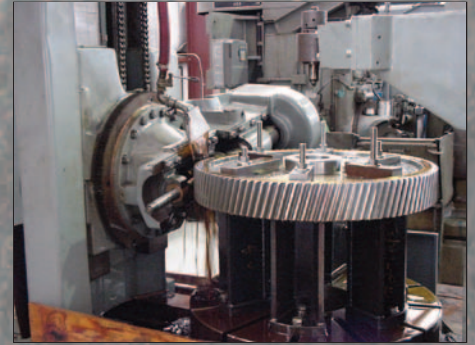
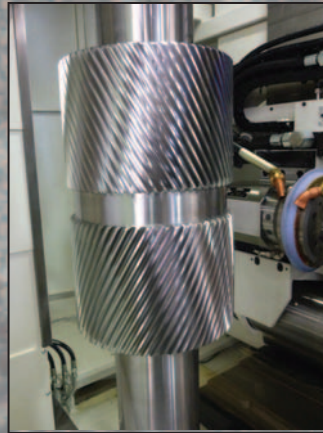
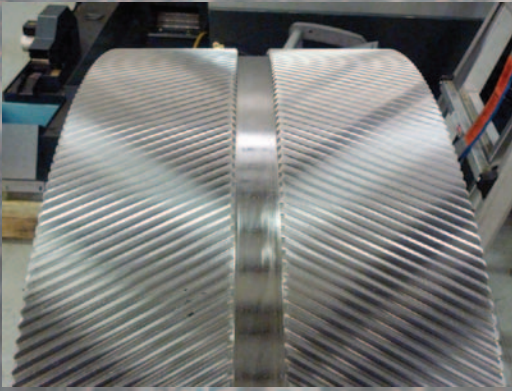
AGW can rebuild any make and model gearbox and has extensive experience rebuilding gearboxes and manufacturing custom new gearboxes for any application.





American
Gear Manufacturers
Association

GEARS



AGW is a custom gear manufacturer. We manufacture spur, helical, double helical and worm gears. We can manufacture gears up to AGMA quality 15, either from your samples or manufacturing drawings. AGW can precision hob gears up to 96" in diameter and can form grind up to 47" in diameter. Both of our grinders are equipped with on board gear checking to certify your gear quality. In addition, AGW has a Pentagear gear checker. We supply custom gears to a variety of customers including OEM's and the paper, power, chemical, primary metals, and rubber industries.

FIELD SERVICES

In addition to gearbox repair and custom gear manufacture, AGW has a dedicated and experienced field service team to help troubleshoot and repair your gearboxes. We can provide complete turn-key or technical assistance only with the inspection and repair of your equipment.

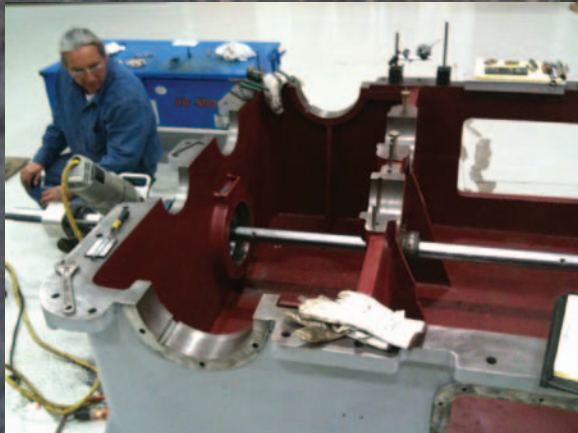


FIELD MACHINING

Atlanta Gear Works has a field machining division to compliment our other field services such as gearbox repair and inspection. Staffed with experienced field machinists and millwrights, this division will be able to handle any of your field machining needs. AGW has the machinery, experience and know-how to accomplish your repairs on-site during your most difficult times. We hope you will give us a call, we are open 24 hours a day, 7-days a week.

Common Services for Field Machining:

- Line boring
- Journal repair
- Hydraulic drilling and boring



CAPABILITIES

Our repair facility includes a full service in-house machine shop. We can handle everything from machining new shafts and spacers to re-machining bores in a gearbox housing. We rebuild all makes and models of gearboxes and can create new gears or gearboxes from samples and/or prints. We can cut spur, helical, double helical gears and worm gears. The facility has both dock high and drive in doors, an overhead crane capacity of 45 tons and 26' under hook. Below are our current capabilities and equipment information:

FACILITY

- 34,000 sq. ft on 2.3 acres
- 26' under hook
- 45 ton overhead crane capacity

CRANES

- 30 ton overhead crane
- 10 ton and 5 ton bridge crane
- 5 ton hoist
- Twelve 1 ton jib cranes

FORK LIFTS

- One 18,000 lb capacity
- Two 6,000 lb capacity

GEAR GRINDING

- Up to 47.25" (1200mm) in diameter, 1 DP, up to AGMA Class 15
- Kapp Miles ZE 1200 Profile Grinding Machine
- Kapp Miles ZE 400 Profile Grinding Machine

DYNAMIC BALANCING

- 2 plane dynamic balancing up to 8,000 lbs

GENERAL EQUIPMENT

- Parts washer with 60" working height, 84" table diameter, and 15,000lb load limit
- Paint and Grinding Booth
- 260 ton vertical press
- Mig welder, Stick/Tig Welder
- Sifco Selective Plating Machine

MACHINE SHOP

- CNC turning up to 60" in diameter
- Line boring
- CNC milling

GEAR CUTTING

- Up to 96" in diameter, 3/4 DP

TESTING

- Test motors from 10 to 60 HP

INSPECTION

- Faro Arm
- Pentagear gear checker

OTHER

Timken Bearing Certified
Authorized Repair Center for NORD Drive System



About Atlanta Gear Works

Power transmission processes are some of the most critical functions within your mill or plant. Our customers know that unplanned downtime due to a power transmission equipment and gear failures affects the whole production process. Their first call is to Atlanta Gear Works. Our expertise has made us a leader in gear and gearbox repair services for system-critical drive processes.

Formed in 1988, our reputation has been built on high quality gear and gearbox repairs. We utilize the latest machine tools, responsive service and an expert workforce to provide you with solutions to your power transmission application. Strategically located just north of Atlanta, we can respond quickly to any service call or emergency repair needs.

Atlanta Gear Works
EXCELLENCE
manufacture engineering
re-manufacture
cost effective
precision
metal customers CHEMICAL
AGW EXPERIENCED
competitive
ASSEMBLY
machinist
RUBBER
TIMELINESS
PRIDE
QUALITY
oil DELIVER
skill SOLUTIONS
REBUILD
integrity
ENERGY Gear
oil DELIVER
skill SOLUTIONS

OUR FACILITY



Our 34,000 sq ft modern facility is situated on 2.5 acres in Dawsonville Georgia. Facility has full service gear and machine shop with 40 tons of lifting capacity.