

AGMA GEAR SCHOOL

One-week sessions on basic gear manufacturing will include both classroom and hands-on work covering various aspects of hobbing, shaping and inspection. Classes are held at Daley College, Chicago, IL. The next session is **September 23-27**. Call AGMA at 703-684-0211 or fax 703-684-0242 for more information.

AISE LUBRICATION SEMINAR

AISE (Association of Iron and Steel Engineers) is holding a Basic Lubrication Seminar **October 20-22** at the Sheraton Station Square Hotel, Pittsburgh, PA. Subjects covered include basic concepts, test methods, bearings, gears, conservation, hydraulics, additives and more. Contact Laura Evert at 412-281-6323 x151 for more information.

GEAR FAILURE ANALYSIS SEMINAR

This AGMA-sponsored seminar will be held **July 11-12** at the Sacajawea Inn, Three Forks, MT. Topics include fracture, fatigue, micro- and macropitting, corrosion, cracking and gear failure photography. The instructor is Robert Errichello. For registration information, contact AGMA headquarters at 703-684-0211 or fax 703-684-0242.

GEAR RESEARCH INSTITUTE ANNUAL MEETING

The ASME/AGMA Gear Research Institute will hold its annual meeting on **August 29** at the Holiday Inn O'Hare, Rosemont, IL. The technical session of the meeting will be chaired by Francis J. Wisner, Director of Engineering at National Broach. Subjects to be covered include fatigue in low alloy steels, gear lubrication, carburizing and the design of splines. For more information, contact Sharon Schaefer at 847-491-5900, fax 847-491-5986 or e-mail dbreen@nwu.edu.

IMTS 96

IMTS 96 will be held **Sept. 4-11** at McCormick Place in Chicago, IL. This is one of the largest displays of manufacturing technology in the world, with over one million square feet of operating exhibits. This year's show will feature a Gear Generation Pavilion. A free brochure describing the show is now available from IMTS headquarters. To get a copy, call 800-322-IMTS in the USA or 703-893-2900 outside the country. Information about the show is also found on the Internet at <http://www.imts.org>.

OHIO STATE GEAR NOISE COURSE

A three-day course on gear noise, covering measurement, analysis, diagnosis, noise reduction and dynamics, will be held at The Ohio State University **Sept. 10-12**. Contact Carol J. Bird at 614-292-3204 or fax 614-292-3163 for more information.

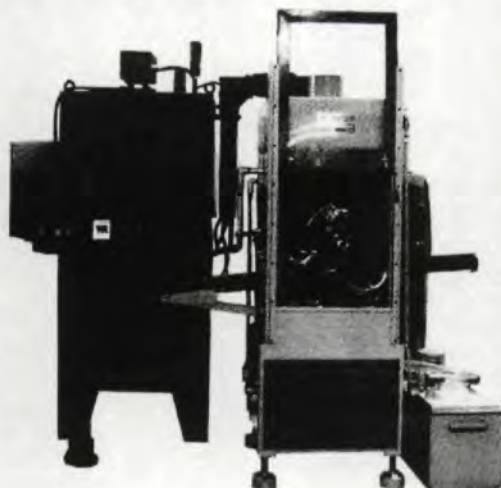
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CONCERNS ABOUT GEAR NOISE?

ITW Heartland's burnishing machines are the answer to gear noise created by plus material (nicks, burrs, scale) on the active profile. Removal of these gear defects along with surface finish improvement will enhance the quality of production gears. The ITW Heartland *Gerac Burnishing System* has been the worldwide standard for burnishing since being patented.

These heavy duty, long lasting burnishers are valuable as both a dedicated in line machine, or as an off-line machine doing different gears of similar size.



ITW pioneered the gear inspection industry in 1936, and remains the worldwide leader in gear inspection and burnishing. Our mission continues to be one of providing quality products and services to the gear manufacturing industry.

To learn more about our burnishing or gage inspection products, call the gear experts at:

ITW Heartland

3401 South Broadway
Alexandria, Minnesota, US
Ph: 320/762-5223
Fax: 320.762.5260



OTHER ITW HEARTLAND GEAR EQUIPMENT:

- Automatic Inspection
- Semi-Automatic Inspection
- Computerized Gear Analyzers**pictured*
- Manual Gear Rolling
- Dimension Over Pins / Balls

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