

Guide to Gear Expo

The world's largest collection of gear manufacturing technology comes to Music City U.S.A.

Thousands of gear industry professionals will converge October 24–27 in Nashville, TN, for Gear Expo 99, the industry's biennial collection of the latest in gear manufacturing technology. With nearly 50,000 square feet of exhibit space sold more than two months in advance of the show, this year's Gear Expo will offer visitors more opportunity for supplier comparison than ever before. As of July 20, 166 suppliers of equipment, tooling, services and precision gear products were scheduled to participate, with as many as 20 additional booths yet to be sold, according to AGMA vice president and Gear Expo show manager Kurt Medert. The largest previous Gear Expo was held in 1997 in Detroit, with 43,100 square feet of exhibit space and 161 exhibitors.

GEAR EXPO 99 FACTS

Gear Expo 99
"The World of Gearing"
October 24–27, 1999
Nashville Convention Center,
Nashville, TN

Advanced Registration: \$15
(open through October 11)
Call AGMA at (703) 684-0211
Or use your credit card to register online at www.agma.org
(Registration is also available at the show for \$25)

Preview Gear Expo at *Show Central*, the world's first 3D online metalworking technology show.

www.geartechnology.com



TENNESSEE FACTS

1999 marks the first year that Gear Expo will be held in Nashville, Tennessee, and show organizers hope that this central location will attract many new gear industry professionals while still being close enough to the Midwest and the majority of the gear belt to keep the core of attendees it has always attracted. Tennessee is also part of a growing manufacturing belt in the South.

- Tennessee ranks behind only Michigan, Ohio and Illinois for passenger car production in the United States, with more than 450,000 units produced in 1998.
- Tennessee is home to more than 600 automotive industry suppliers.

Nashville offers plenty of entertainment options for visitors. Call the Nashville Convention and Visitors Bureau at (615) 259-4700 for a copy of the *1999 Music City Vacation Guide*, a 160-page directory of the city.

- Visit www.nashvillecvb.com for more information.

SME GEAR SEMINARS AVAILABLE AT GEAR EXPO 99

SME, IN COOPERATION WITH AGMA, WILL PRESENT THREE EDUCATIONAL PROGRAMS AT GEAR EXPO 99. EACH PROGRAM WILL BEGIN AT 8:00 A.M. AND END NO LATER THAN 1:30 P.M.

• HEAT TREATING AND HARDENING OF GEARS—October 25

A multi-speaker forum of industry leaders, led by George Pfaffmann, VP of Tocco, Inc. This panel will examine the basic concepts of heat treatment and hardening of gears as well as alternative methods. The seminar will address the status of induction hardening, alternative heat treating methods, process control and monitoring, fatigue and wear resistance, and distortion and scrap reduction.

Other speakers will include Loren Epler, Dynamic Metal Treating, Inc.; Charles J. Kuehmann, QuesTek Innovations LLC; Bill Bushchur, ibg NDT Systems Corporation; and additional speakers to be named later.

• GEAR METROLOGY—October 26

Edward Lawson, product manager of Mahr Corporation, will present this course on metrology and inspection issues unique to the gear manufacturing and processing industry. This one-day course is intended to give you a renewed interest, understanding and knowledge of how to improve your process and product.

• GEAR PROCESSING AND MANUFACTURING—October 27

This conference will provide a forum in which gear manufacturing professionals can openly discuss the trials and tribulations of processing and manufacturing high quality gears. This is your opportunity to hear how to overcome difficult procedures and to find new opportunities from colleagues and competitors. The forum will be led by Bill Maples of Star Cutter Co. The following industry experts are also scheduled to participate: Ed Tarney, Crucible Service Center; Dale Debeljak, Presrite Corporation; Thomas Schloz, Gleason Pfauter Hurth; Dennis Sine and Harvey Yera, National Broach & Machine Co; and Guenter Mikolelzig, Klingelberg.

Register for these seminars by calling SME's customer service center at (800) 733-4763 or e-mail albelyn@sme.org.

The show's location is attracting many new exhibitors from different regions of the country, particularly the East coast, says Medert.

Much of the growth of the show also comes from the presence of gear manufacturers exhibiting at the show. At least 40 companies on the current roster are gear manufacturing companies, and they run the gamut from spur to spiral bevel, from plastic to powder metal, and everything in-between. So whether you are making gears or buying them, chances are good that you will find quality suppliers this October in Nashville.

Many exhibitors hope to generate excitement by unveiling new machines, models or processes at the show. For example, Chamfermatic, Inc. will demonstrate its new Model 1600 gear deburring machine. Mike Magee, president of Chamfermatic, wouldn't reveal any details about the machine, but he promises to unveil a new process that he hopes will revolutionize gear deburring.

Many other companies are offering new products at the show. You can read about many other exhibitors and what to expect at their booths in the listings on pages 29-44.

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