

GT Advertisers Among the Hundreds at



IMTS '92

8 *Gear Technology* advertisers will have booths at IMTS 92, the largest trade show in the Western Hemisphere. The show opens in Chicago on Sept. 9 and runs through the 17th. More than 800 companies from around the world will cover some 931,000 sq. ft. of exhibit space to show the latest manufacturing technology - everything from forming and fabrication products to environmental and plant safety equipment.

Of particular interest to *Gear Technology* readers will be the gear cutting machinery and cutting tools.

The *Gear Technology* advertisers will be showing a wide variety of latest equipment and processes at their booths.

American Pfauter Limited Partnership of Loves Park, IL (Booth 6337) will be demonstrating a host of new products, including new CNC gear shaping and honing machines, CNC profile grinders, and new hobs, shaper cutters, and other tooling.

Balzers Tool Coating, Inc., of N. Tonawanda, NY, (Booth 8612) will have TiN and TiCN-coated hobs and shaper cutters on display, along with a variety of PVD-coated cutting, forming, and molding tools. An engineer will be on duty throughout the show to answer coating questions and review the latest application results on coated tools.

Koepfer America, Inc. of South Elgin, IL, (Booth 6681) a supplier of hobbing machines and cutting tools, will show a Koepfer 153B high-speed production hobber with automatic loading and an automatic skiving system for recutting hardened work pieces. The booth will also feature a Koepfer 200 CNC high-speed hobber with quick-change capability. Demonstrations will show complete part-to-part changeover in less than five minutes. Also on display will be a Haas Model HB 1035 CNC hob and tool sharpener with CNC setup and flexible sharpening for straight and helical gash hobs and tools.

Kanzaki (Booth 7335) produces complete CNC gear shaving machines that offer con-

ventional, diagonal, plunge, and underpass shaving capabilities. Kanzaki offers full, 5-axis CNC hard gear finishing systems, incorporating tool wear compensation.

Liebherr Machine Tool, a Division of Liebherr-America, Inc., Saline, MI (Booth 6466) has responsibility for sales and service of Liebherr CNC gear cutting machines and material handling equipment and Lorenz CNC gear shaping machines and gear cutting tools. One of the company's LC 252 CNC hobbing machines and a Lorenz LS 154 CNC shaping machine equipped with a flexible automatic load/unload system will be on display at the booth, along with a full range of Lorenz cutting tools.

Mikron Corporation of Elgin, IL, (Booth 4300) offers a wide range of CNC gear machines for the hobbing and shaving of gears within the range of 1/2" to 21". Mikron's "A" series machines (up to 8" dia. and 27" long) do high precision finish hobbing with a horizontal work axis; the "C" series does vertical workpiece hobbing through 21" diameter; and the "S" series machines do shaving with the conventional, diagonal, underpass, and plunge methods. Complete tooling is available as well.

MHI Machine Tool U.S.A., Inc., of Itasca, IL, (Booth 4197), in a departure from displaying small capacity machines, will demonstrate a 16" capacity hobber and an 18" capacity shaving machine. The GC40 is a 5-axis, 400 mm (15.7"), 8 module (3.2 DP) hobbing machine with fully conversational programming. The FA45 is a 5-axis, 450 mm (17.7"), 10 module (2.5 DP) state-of-the-art shaving machine that is also fully conversational in its programming.

Pfauter-Maag Cutting Tools, L.P., Loves Park, IL, (Booth 6337) offers a full range of gear cutting and finishing tools. The original Wafer Shaper Cutter and High Speed Wafer Hob will be demonstrated on new model machines by Pfauter. ■

The photograph for this article was shot by Richard Goldstein.

IMTS EXHIBITOR INDEX

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Visit the following *Gear Technology* advertisers at their booths at IMTS '92.

AMERICAN PFAUTER, LTD.

1351 Windsor Road
Loves Park, IL 61132-2950
(815) 828-3000
Fax (815) 282-3075
IMTS Booth # 6337

BALZERS TOOL COATING

661 Erie Avenue
North Tonawanda, NY 14120
(716) 693-8557
Fax (716) 695-1995
IMTS Booth # 8612

KANZAKI

P. O. Box 31038
Independence, OH 44131
(216) 642-0230
Fax (216) 642-0231
IMTS Booth # 7335

KOEPFER AMERICA, INC.

635 Schneider Drive
South Elgin, IL 60177
(708) 931-4121
Fax (708) 931-4192
IMTS Booth # 6681

LIEBHERR MACHINE TOOL

1465 Woodland Dr.
Saline, MI 48176
(313) 429-7225
Fax (313) 429-2294
IMTS Booth # 6446

MIKRON CORPORATION

675P Tollgate Rd.
P. O. Box 7722
Elgin, IL 760121-7722
(718) 888-0132
Fax (708) 888-3674
IMTS Booth #4300

MHI MACHINE TOOL U.S.A., INC.

907 W. Irving Park Rd.
Itasca, IL 60143-2023
(708) 860-4222
Fax (708) 860-4233
IMTS Booth # 4197

PFAUTER-MAAG CUTTING TOOLS, L.P.

1352 Windsor Road
Loves Park, IL 61132-2950
(815) 877-8900
Fax (815) 877-0264
IMTS Booth # 6337

