

# The IMTS 2000 Primer

Charles M. Cooper

## WHAT IS IMTS?

Founded in 1927 as the Machine Tool Show and held every two years, the International Manufacturing Technology Show (IMTS) has grown into the largest manufacturing trade show in both North and South America. The statistics for the 1998 show offer a glimpse of this magnitude. Over 1,440 exhibitors showed off 60 million pounds of machinery and went through 5 million pounds of display materials during the week long show. The show organizers themselves sent out 2,632,560 promotional pieces. Twenty-three foreign machine tool associations participated. It took 4,600 trucks to get everything to McCormick Place for the show. There were 450 journalists covering the event, which was attended by 121,764 people. There was \$1,034,618,000 worth of business transacted on the show floor of IMTS 1998.

*Because of the scope of the show—and this one promises to be even larger than the last one—everyone involved in manufacturing or in the purchase of manufacturing machines from the shop floor to the executive suite will benefit from a visit to IMTS 2000. This will be your best chance to see machines from 36 countries up and running and to talk to the people who build them.*

In addition to the exhibits, IMTS 2000 will host technical conferences sponsored jointly by the Society of Manufacturing Engineers (SME) and the Association For Manufacturing Technology (AMT) covering a variety of industrial and manufacturing topics (see "Technical Conferences"). IMTS will also host The Student Summit, which offers students a chance to see what manufacturing is really all about as a viable career choice.

A show the size of IMTS requires a venue that can not only accommodate, but also complement, the show. McCormick Place, on Chicago's lakefront, is the largest convention space in the United States and the only one large enough to handle a show the size of IMTS. Taking care of travel and accommodations is the responsibility of Travel Technology Group, which has been appointed to coordinate and manage travel and hotel arrangements for exhibitors and attendees alike (see "Traveling to IMTS.").

**THERE IS GOING TO BE A LOT GOING ON AT IMTS 2000. HERE IS A TASTE OF WHAT YOU CAN EXPECT.**



## IMTS 2000 FAQs

### WHAT ARE THE DATES AND LOCATION?

September 6-13, 2000

McCormick Place

2301 S. Lake Shore Drive, Chicago, Illinois, 60616 USA

### WHAT ARE THE EXHIBIT HOURS?

9:00 am – 5:00 pm – Lakeside Center (East) & North Building Level C

10:00 am – 6:00 pm – South Building & North Building

\*10:00 am – 4:00 pm – Sunday, September 10 Only-All Buildings

### WHAT ARE THE IMTS 2000 REGISTRATION FEES?

\$20 until August 4, 2000

\$30 after August 4, 2000

After September 1, 2000, you must register on-site for \$30.

### WHERE DO I GET MORE INFORMATION?

Call the IMTS Trade Show at 1-800-828-SHOW (7469) or log onto their website at [www.imts.com](http://www.imts.com).

## TECHNICAL CONFERENCES

The Society of Manufacturing Engineers (SME) and The Association for Manufacturing Technology (AMT) have once again developed a comprehensive educational conference to run concurrently with IMTS. Called the IMTS 2000 Manufacturing Conference, it brings together experts from industry to give attendees the most useful and up-to-date technical information available. The big difference this year is the new format, which offers three new opportunities for you to benefit from the conference. They include keynote presentations from top industry professionals dealing with strategic manufacturing practices and the economy's effect on manufacturing. There will also be technology forums, presenting the latest in manufacturing technology from industry leaders, followed by Q & A style panel discussions as well as both full- and half-day conferences on a variety of topics. These include machining and grinding, forming, plastics, management practices, factory automation, design engineering, computer technology solutions, environmental issues and leadership development.



## TOUR THE PAVILIONS

To make finding the companies and products you want to see easier, IMTS 2000 is organized into various pavilions. They include: Abrasive Machining, Sawing and Finishing; Business Services, Controls & CAD-CAM, EDM, Gear Generation, Lasers & Laser Systems, Machine Components/Cleaning/Environmental, Metal Cutting, Metal Forming & Fabricating, Quality Assurance, and Tooling & Workholding Systems.

### Abrasive Machining, Sawing and Finishing Pavilion (North Building—Hall B)

The Abrasive Machining section will include various types of grinders including cylindrical, internal, angular wheelside, creep feed, centerless, surface, abrasive belt, jig, tool and cutter, and universal grinders. The section will also feature abrasive cutoff machines. The Sawing area will feature band, circular and hack saws. Finishing equipment will include machines for buffing and polishing, vibratory finishing and lapping. Deburring and marking equipment will also be featured.

### Business Services (North Building—Concourse Lobby)

Here you will find industry related publications as well as government and other non-manufacturing organizations.

### Controls & CAD-CAM (East Building—Hall D)

Featured in the 2000 show are CIM/CAD/CAM systems, CNC controls, automation management systems, communications systems and LAN, software development services, computers and software, instruments, controls and systems integration services.

### EDM (East Building—Hall D)

IMTS 2000 promises to be one of the largest gatherings of electrical discharge machinery and related equipment manufacturers under one roof. Products and technologies on display will include wire EDM, ram type EDM, EDM filtration systems and supplies, metal disintegrators and die sinking machines.

### Gear Generation (North Building—Hall B)

Over 19,000 square feet of floor space will be occupied by exhibits from nearly every major company serving the gear industry. Manufacturers of gears and related equipment will find gear hobbing, shaping, shaving, skiving, rolling, grinding, lapping and measurement systems in this pavilion. See "Places to Visit" for a listing of gear industry vendors you do not want to miss.



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**RENOLD**  
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## IMTS PRE-SHOW COVERAGE

### Lasers & Laser Systems (North Building—Hall B)

World leaders in laser production and laser technology in manufacturing will feature a wide range of applications including metal cutting, marking, scribing, drilling, cladding, trimming, engraving, welding, heat treating and measurement.

### Machine Components/Cleaning/Environmental (East Building—Hall D)

The Machine Components/Cleaning/Environmental Pavilion features the newest equipment, machine components, engineering services, environmental protection services and services for air, water and oil filtration and purification, safety guards, mats and equipment. Noise control equipment, electrical equipment, way covers/tracks, storage systems, parts cleaners, parts washers, materials handling/storage systems, ball screws, bearings, spindles, conveyors, AGVs, coatings, servo motors, pumps, degreasers, robotics, plant maintenance equipment, assembly and test equipment, motion control equipment and environmental management software will also be on display.

### Metal Cutting (South Building—Hall A & North Building—Hall C)

This is the largest pavilion at IMTS 2000. It will feature over 600,000 square feet of machining centers, turning centers, milling machines, boring machines, drilling machines, transfer machines, screw machines, broaching machines, skiving/roller burnishing machines, gun drilling machines, plano/mills, boring mills, multiple spindle drills, drill/mill/bore heads and slides, thread rolling, jig boring/milling machines, and whirling machines.

### Metal Forming & Fabricating (North Building—Hall B)

This pavilion features straight-side, OBI and hydraulic presses, water jet cutting equipment, CNC turret punch presses, tube and pipe benders, press brakes, roll benders, shears, welding and robotics welding equipment, hot and cold forming technology, spinning machines, wire forming, forming cells and systems, foundry/casting and investment casting equipment, plasma cutting, friction welding, stress relief equipment, coil and sheet handling equipment and plate benders.

### Quality Assurance (East Building—Hall D)

Products and services here will include precision measuring machines, coordinate measuring machines, precision gaging, automated gaging, laser measurement, in-process gaging, tool condition monitoring equipment, measurement software, and quality and environmental management software.

### Tooling & Workholding Systems (East Building—Hall E)

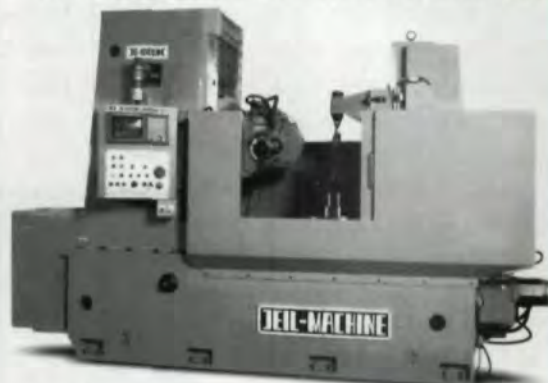
From angle brackets to z-axis fixturing and everything in between, the Tooling & Workholding Systems Pavilion at IMTS has it all including boring bars, cutters, drills, endmills, fixturing systems, gun drilling tools, hobs, inserts, jigs, keyseating tools, lapping tools, magnetic chucks, NC tables, over spindle adaptors, plates, quick change dies, reaming tools, screw thread inserts, tool storage equipment, universal fixturing, vises, and workholding systems.

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JULY/AUGUST 2000 15

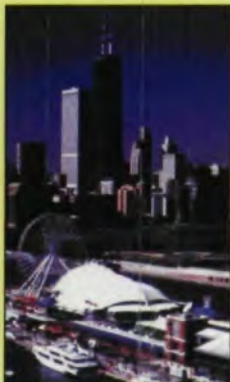
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## "THE CITY OF BIG SHOULDERS..."

...Hog butcher to the world." It has been a long time since Chicago lived up to the letter of Carl Sandburg's famous words, but it has certainly continued to live up to their spirit. Chicago has grown from those early stockyard days into a city of contrasts and wonders with miles of beautiful lakefront parks and beaches, vibrant ethnic neighborhoods, the nation's busiest airport and some of the world's tallest skyscrapers.

Make the time to discover Chicago's bustling art scene, its world-renowned museums and superb theater, and don't miss Navy Pier. You can also relax and enjoy the exciting nightlife, fine restaurants, lakefront festivals, outdoor concerts and ever-changing calendar of special exhibits and events that make Chicago special. For more information on what's happening around town during IMTS, here are some places to call:



The new Skyline Theatre at Chicago's Navy Pier hosts many outdoor concerts, theater productions and special events. (Photo: Willy Schmidt/City of Chicago.)

### • The City of Chicago Office of Special Events

(312) 744-3315

[www.ci.chi.il.us/SpecialEvents](http://www.ci.chi.il.us/SpecialEvents)

### • McCormick Place

(312) 791-7000

[www.mccormickplace.com](http://www.mccormickplace.com)

### • Navy Pier

(312) 791-6113

[www.navypier.com](http://www.navypier.com)

### • Sears Tower

(312) 875-9696

<http://w4.ci.chi.il.us/tourism/downtown/SearsTower.html>

## TRAVELING TO IMTS

Travel and Technology Group (TTG), the official housing and air travel coordinators for IMTS 2000, has obtained special room blocks at numerous local hotels as well as special discounts on United Airlines and Delta Airlines. They have also worked out special rates with Avis and Alamo Car Rentals. To obtain IMTS hotel, airline and car rental rates, you must make your reservations through TTG by the July 16, 2000 deadline.

### Contact TTG at:

Tel: (877) 727-2915 or (312) 527-7270

Fax: (312) 329-9513

E-mail: [imts@ttgonline.com](mailto:imts@ttgonline.com)



## PLACES TO VISIT

Listed below are some of the gear industry related companies you should visit on your way through IMTS 2000. Most of these booths are located in the Gear Generation Pavilion, North Building, Hall B. Those that are not are noted. Advertisers appear in boldface type—Please see page 17.

AWA, Booth 7244

**Bourn & Koch Machine Tool Company**, Booth 7056

**Colonial Tool Group**, Booth 5635 (North Building, Hall C, Metal Cutting Pavilion)

**D. C. Morrison**, Booth C-5650 (South Building, Hall A, Metal Cutting Pavilion)

**Emuge Corp.**, Booth 2844 (Lakeside Center, Hall E-Level 1, Tooling and Workholding Systems Pavilion)

Forst GmbH & Co. KG, Booth 7126

Fromag GmbH & Co. KG, Booth 7144

**Gleason\***, Booth 6931

\* This booth includes Gleason Corporation, Gleason-Hurth Maschinen und Werkzeug GmbH, Gleason Cutting Tools Corp., Gleason-Pfauter Maschinenfabrik GmbH, and The Gleason Works.

Great Taiwan Gear Ltd./Luren, Booth 7139

**Holroyd**, Booth 6917 (North Building, Hall B, Abrasive Machining/Sawing/Finishing Pavilion)

Kapp GmbH Werkzeugmaschinenfabrik, Booth 6950

Kapp Sales and Service, Booth 6950

Kapp Tech, Booth 6950

KLF-ZVL, a.s. Kysucke Nove Mesto, Booth 7245

Koepfer America, L.L.C., Booth 6938

**Leistritz Corp.**, Booth 5315 (North Building, Hall C, Metal Cutting Pavilion)

**Liebherr Gear Technology Co.**, Booth 7040

Lorenz Cutting Tools, Booth 6953

**Manufacturing Technology, Inc.**, Booth B-6005 (North Building, Hall B, Metal forming and fabricating Pavilion)

**Mitsubishi Machine Tools**, Booth 8260 (South Building, Hall A, Metal Cutting Pavilion)

Mitts & Merrill L.P., Booth 7144

**M & M Precision Systems Corp.**, Booth 7132

**National Broach & Machine Co.**, Booth 7048

NILES Werkzeugmaschinen GmbH, Booth 6950

**Ohio Broach and Machine Co.**, Booth A-8675

Progress Promotion Ltd., Booth 7245

Reishauer Corporation, Booth 7033

Richardson, Booth 7033 (North Building, Hall B, Abrasive Machining/Sawing/Finishing Pavilion)

**S. L. Munson**, Booth B-6865 (North Building, Hall B, Abrasive Machining/Sawing/Finishing Pavilion)

Samputensili/SU America, Inc., Booth 7047

J. Schneeberger Corporation, Booth 7053

**Star Cutter Company**, Booth 6953 (Also at Booths E-2700 & E-2701)

Stieber Clamping Tools GmbH, Booth 6953

**Suhner Manufacturing, Inc.**, Booth 2633 (Lake Center, Hall E, Level 1, Tooling & Workholding Systems Pavilion)

Ty-Miles, Inc., Booth 7241

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