

EVERY GEAR IS HERE

We are exhibiting at #MPTE expo!
Come meet us in person!

DETROIT, MI

OCTOBER 17-19, 2023



PRECISION GEARS TOUR

Gears should be designed for the operating conditions of the application in which they should be used. In many gear applications, especially in the medical, aerospace and defense industries, there is a requirement for precision gears.

The companies that we have put on this tour have specific competency in this area.

We have put together a tour that introduces you to some of the companies that can help with precision gear needs.

STARTING POINT



American Gear Manufacturers Association

AGMA Booth 3132

<https://www.agma.org/>

The American Gear Manufacturers Association (AGMA) is an association of more than 450 companies, consultants, and academicians with direct interest in the design, manufacture, and application of gears and flexible couplings. AGMA is also the owner of Motion + Power Technology Expo. Founded in 1916, AGMA conducts programs for and provides services to the gear industry and its customers. AGMA is accredited by the American National Standards Institute to write all U.S. standards on gearing.

The AGMA Foundation is the charitable arm of AGMA and provides gear industry scholarships, workforce & education support, and emerging technology programming. Consider a donation at www.agmafoundation.org.



STOP 1

Seoam Machinery Industry Co., Ltd.

Booth 2606 | <http://smilttd.co.kr>

Gwang ju, South Korea

The SEOAM has succeeded in localizing high precision gears of a core part for driving force of machinery industry, high precision and high quality chucks and cylinders, and curvic couplings which are used for index equipment based on accumulated technology. Through it, the SEOAM has developed machinery industry and has realized import substitution for above parts.

STOP 2

Dana Incorporated Booth 3532

Lafayette, IN | <https://www.fairfieldmfg.com>

Dana is a leader in the design and manufacture of highly efficient propulsion and energy-management solutions that power vehicles and machines in all mobility markets across the globe. The company is shaping sustainable progress through its conventional and clean-energy solutions that support nearly every vehicle manufacturer with drive and motion systems; electrodynamic technologies, including software and controls; and thermal, sealing, and digital solutions.

Dana Industrial leverages its global expertise to offer a complete portfolio of highly efficient power-transmissions, fluid-power technologies, custom gears and drives for industrial and stationary equipment applications.

STOP 3

Nichiei Co. Ltd Booth 3028

Sparta, NJ | <http://www.neichiei-ind.com/english/index.html>

Nichiei Company is a micro-molder, specializing in all types of precision gears. We have designed and manufactured many JGMA Grade O/1 gears, including metal/plastic insert molded gears that maintain their tight co-axial tolerances. We work with all the engineering polymers as well as super high-performance plastics, and often make prototype parts prior to full-scale production. Nichiei understands the critical relationship between mold making and micro-molding, and therefore also designs and manufactures our own molds. This ensures an integrated approach to meeting and exceeding customer expectations.

STOP 4

United Gear & Assembly, Inc.

Hudson, WI | <http://www.ugaco.com>

United Gear and Assembly offers a totally integrated gear company. UGA manufactures precision gears and shafts for engines, generators, transmissions and drive trains used by OEM manufacturers world-wide, including custom gear and shaft products designed to meet rigid specifications. UGA produces products that include: parallel axis gears, bevel gears, helical gears, cluster gears, splined shafts, splines, pinions, and sprockets. Heat Treating capabilities include: batch carburizing, continuous carburizing, gas nitriding, carbonitriding, induction hardening, through-hardening, normalizing, stress relieving, tempering, press quench, and a complete metallurgical laboratory. United Gear is IATF 16949 & ISO 9001 certified.

STOP 5

Delta Gear Booth 23016

Livonia, MI | <http://www.delta-gear.com>
<http://deltaresearch.com>

Delta Gear & Delta Research produce high precision production and prototype components and assemblies. Working with companies in the aerospace, automotive or other industry that requires tight tolerance products. Delta has over 60 years of experience and proven success providing solutions.

STOP 6

Forest City Gear Company Booth 2809

Roscoe, IL | <http://www.forestcitygear.com>

Forest City Gear is a family-owned and operated business in the gear manufacturing industry since 1955. We manufacture custom gears across a diverse array of industries covering a wide range of applications. Forest City Gear supports gears for telescopes, artificial elbows, aircraft, automotive, racing, medical implants, industrial equipment, marine applications, and more.

STOP 7

Liebherr Gear and Automation Technologies Booth 2800

Saline, MI | <http://www.liebherr.com>

Liebherr Gear and Automation Technologies, Inc. offers a complete program of gear technology and automation solutions. Liebherr manufacturing and automation solutions. Liebherr manufacturing machines include gear hobbing, shaping, skiving, chamfering, and gear grinding machines, as well as gear metrology solutions. These machines feature the LHGearTec control system, an intuitive interface that streamlines machine operation and efficiency.

STOP 8

Brelie Gear Co. Booth 2807

Waukesha, WI | <http://www.breliegear.com>

Brelie Gear is a full-service gear manufacturer, specializing in fine and medium pitch spur and helical gears, worms, worm gears, and worm shafts. We offer gear crowning and carbide re-hobbing to improve gear quality and reduce gearbox noise. Our components are produced using state of the art Koepfer and Mitsubishi hobbing equipment. In addition to our gearing capabilities, we have complete in-house turning and machining capabilities for making blanks as well as any other machining needs you may have. Please give us a call to discuss your gearing and machining requirements.

STOP 9

CGI, Inc. Booth 2606

Carson City, NV | <http://www.cgimotion.com>

Since 1967, CGI has consistently been providing customers exceptional craftsmanship and outstanding customer service. CGI is known for its gear and precision component manufacturer, and it also offers design and manufacturing of motion control subassemblies.

STOP 10

Great Taiwan Gear Ltd. Booth 2617

Greer, SC | <http://www.greataiwangear.com>

Great Taiwan Gear has an experienced team and modern equipment capable of handling orders for prototype gears or orders for thousands of pieces. Great Taiwan Gear specializes in production of gears and gear related parts.

We produce gears for automotive, high precision gears, gear pumps, and other power transmissions. We also provide Aerospace Gear, EV gears and gearboxes. Listed below are just a few of the many items we offer.

STOP 11

Ancon Gear & Instrument Corporation

Booth 2524

Amityville, NY | <http://www.ancongear.com>

Ancon Gear is a second-generation family owned manufacturing facility. We supply some of the world's top companies with precision gears and machined products. We use the most modern manufacturing techniques and equipment available, such as cellular manufacturing and CNC hobbing/shaping, to ensure the highest quality product leaves our facility.