

Basics of Gearing

This tour was created as a supplement to an MPT Expo course, providing suggested stops for those who want to learn more about this topic from vendors on the show floor. This tour has several members, whose leadership served on the AGMA Board, showing a wide range of gears available today.

Basics of Gearing

October 22-23 | 8:00 am - 5:00 pm each day

Registration for this course is available at https://motionpowerexpo.com/education-courses/

We suggest the following stops:

Forest City Gear | Booth 419

Roscoe, IL http://www.forestcitygear.com

For 70 years, Forest City Gear has strived for excellence without exception. That's why our fine-pitch and medium-pitch custom gears are trusted worldwide, in everything from telescopes to tractors, artificial elbows to aircraft, military lasers to medical examining tables, printers to race cars, power tools to dental drills. They're even found on the International Space Station and NASA's Mars Rovers. Whether you are looking to source one-of-a-kind precision gears or high-volume production, we invite you to learn why the world turns to Forest City Gear.

CGI, Inc. | Booth 311

Carson City, NV http://www.cgimotion.com

Since 1967, CGI has consistently been providing customers exceptional craftsmanship and outstanding customer service. Known as a world class gear and precision component manufacturer, CGI also offers design and manufacturing of motion control subassemblies. Our team of highly skilled and diverse professionals will take your product from design through assembly.

Brelie Gear | Booth 406

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-theart 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.

Gear Motions | Booth 745

Syracuse, NY https://gearmotions.com

Gear Motions is a leading precision gear manufacturer specializing in supplying custom-cut and ground gears for OEMs all around the world. Whether we are manufacturing your gear complete from start to finish or working from your blanks, our wide range of precision gear manufacturing capabilities and services delivers quality gears to

meet almost any application – and the most demanding specifications. In addition to gear manufacturing, Gear Motions does gearbox design, manufacturing, assembly and rebuilds.

RENK Group | Booth 245

Cincinnati, OH http://www.cincinnatigearingsystems.com

RENK Group (formerly Cincinnati Gearing Systems Inc.) is a recognized leader in precision component gear manufacturing and design engineering. More than just a gear manufacturer, CGS offers customers over 100 years of experience in producing high-quality, reliable, and cost-effective component gearing and gear units for a wide range of power transmission applications. Configurations include epicyclic gear units, multiple pinion gear units, parallel shaft designs, vertical and horizontal offsets, dual and single input, single & double helical, and hybrid designs. CGS has in-house fullservice manufacturing, design engineering, testing, and heat-treating capabilities. Whether it is a cleansheet design or a standard design, CGS is the single source to satisfy your specific gearbox requirements.