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MOTION + POWER
TECHNOLOGY EXPO®

October 21–23, 2025
Huntington Place • Detroit, MI

OFFICIAL SHOW GUIDE 2025 ADVERTISING OPTIONS

Expanded Booth Listings
Sponsored Content
Display Ads

MotionPowerExpo.com



INNOVATION ACCELERATED

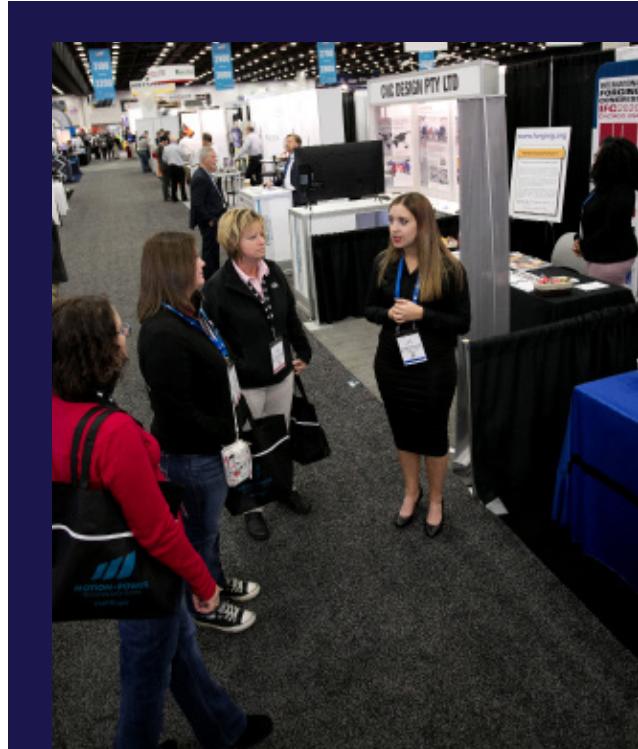
MAKE THE MOST OF YOUR MPT EXPO PRESENCE

Exhibitors at Motion + Power Transmission (MPT) Expo 2025 in Detroit will have the opportunity to connect with the top manufacturers, suppliers, buyers and experts in the gear manufacturing, power transmission, electric drive and fluid power industries. The 2025 MPT Expo Official Show Guide is your place to stand out from the crowd by making sure that the gear and power transmission market knows about your company and your commitment to our industry.

- + Reach an anticipated 3,000+ in the printed show guide, which will be distributed to attendees.
- + Reach the entire AGMA/AGMA Media power transmission world (over 35,000 strong) in the digital edition launching early October.
- + Make sure you are seen with the complete directory of the show's exhibit halls, events and educational opportunities, along with all the maps, contact information and tips every visitor needs to make their 2025 MPT Expo trip a success.

Every exhibitor at MPT Expo will have a presence in the Show Guide, including logo, booth listings and category listings in our product guide. But we're also offering exhibitors the opportunity to enhance their presence in a number of ways:

- + **Expanded booth listings.** Need more than the standard 100-word description to let potential visitors know about all the new products and services your company is offering? No problem! You can pay for additional space (see page 3).
- + **Featured articles.** Do you want to be seen as a thought leader in the motion and power transmission space? Do you have new technology that needs a more in-depth approach? How about an application story that showcases that new technology? You can place an article in the show guide to help get the word out (see page 4 for rates and details).
- + **Display advertising.** We offer a full range of display ads in the Show Guide, from two-page spreads down to $\frac{1}{4}$ page ads (see page 5 for rates and details).



Booth Listings

Free listings are available for all MPT Expo exhibitors. In the months leading up to the show, all exhibitors will receive instructions on how to fill out their listings and categories. In addition, we'll be contacting all exhibitors as we get close to the show in order to make sure all listings are up to date.

Basic booth listings are limited to 100 words. If you'd like to add a more in-depth description of your products and services, you can do so for a small fee (see table, right column).

Logo, up to 100 words and one photo	FREE (included with exhibit space)
Logo, up to 400 words and two photos	\$599
Logo, up to 800 words and three photos	\$999
Logo, up to 1,500 words and five photos	\$1,399

Exhibitors who are interested in reaching the gear and mechanical power transmission industry should contact Dave Friedman, friedman@agma.org, in order to ensure that your company will be included in the MPT Expo Show Guide. Both free and paid options are available.

Kupral S.r.l. - Booth 2208
Liebherr Gear Technology, Inc. - Booth 3501
 Gear Cutting machines, automation systems and cutting tools
 Liebherr-Gear Technology offers a complete program of gear technology. It comprises all technical systems and classes of gear hobbing machines, gear-shaping machines, gear cutting tools. The first to apply the dry hobbing process, the first to introduce the gear-shaping machines, and the electronic-slide LSE shaping machines are just a few examples of innovative leadership in this field.
 Through its automation systems division, Liebherr is able to offer, in addition to the individual machine, a synergistic combination of manufacturing technology, logistics and factory design. The aim is to provide comprehensive solutions for the benefit of industrial customers all over the world.

Louis Belet - Booth 2412
LOUIS BELET
 Swiss Cutting tools
 Swiss Cutting Tools since 1947
 Our creative, technically, economically and socially performing company is a benchmark in the manufacturing of customized and standard tools. Louis BELET SA is ISO 9001 and 14001 certified since 2002

 Product range goes from standard to custom, carbide to ceramic and going through PCD, gear cutting solutions internal or external.
 we are the specialist for your custom and/or quality and precise cutting tools.

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 MOTION+POWER TECHNOLOGY EXPO

NEED MORE ROOM FOR YOUR MESSAGE? HAVE A LOT OF PRODUCTS? NO PROBLEM! BOOTH LISTINGS CAN BE UPGRADED WITH ADDITIONAL TEXT AND PHOTOS

Machine Tool Builders Inc. - Booth 3215
Industry-leading Machinery Solutions Provider
 Originally established in 1986 as a service organization, MTB has since evolved into a world class machinery rebuilders and designer/builder of custom equipment. Since our inception, MTB has been dedicated to providing top quality, highly reliable solutions to the machine tool industry. As a technology driven firm, the staff of MTB offers a wide array of expertise in the areas of mechanical, electrical, electronic controls, and software design. This knowledge is coupled with an eye for innovation and a genuine desire to provide the service you need, when you need it.
 MTB's outline of offerings is not limited to these key areas: Machine Rebuilding/Remanufacturing, Reconditioning, Retrofits, Service & Repairs
 Hobbers, shapers, grinders, machining centers, thread milling, thread grinding, gear form grinding, gear cutting custom machines, cam milling & cam grinding, custom-built specialty and many other types of machines

Magnetic Inspection Laboratory - Booth 2125
MIL
MAGNETIC INSPECTION LABORATORY
 Magnetic Inspection Laboratory (MIL) is an AS9100/AS9120/AS9140/AS9150 accredited processor specializing in NDT, Metal Finishing, Painting/Coating, Welding/Brazing and Shot Peening, primary Aerospace, Defense and Medical Industries and other markets. MIL has facilities in Canada, Hamilton, Sudbord, Silverside, Collingwood and others. We specialize in complex parts requiring machining and close tolerance finishing. We are a true one-stop processing provider. Please call MIL on your next project to see what we do to support your critical processing needs.

MB Metal Technologies LLC - Booth 2115
 MB Metal Technologies, LLC offers Part & Tool Marking Products, featuring MarkinTrix an mark Portable Electric Pen Markers, used for a variety of marking applications including by. From plastics to hardened steel, and even

Weldon Solutions - Booth 3115

 Visit **Weldon Solutions** for the best in **Grinding and Robotics**.
 Weldon Solutions provides CNC Cylindrical Grinders and Robotic Automation Systems to a broad range of gear manufacturers.


Wenzel America Ltd. - Booth 2214
WENZEL
WENZEL GT SERIES
 TOP GLASS GEAR MEASURING TECHNOLOGY

STANDARD BOOTH LISTINGS ARE INCLUDED FOR FREE TO ALL MPT EXPO EXHIBITORS. YOU GET YOUR LOGO, UP TO 100 WORDS AND ONE PHOTO (OPTIONAL).

Sponsored Content

The Show Guide will include feature articles and information about the latest technology being shown at MPT Expo. You can make sure your story is included by placing a sponsored content article. Each page of content allows for approximately 700 words of text and 1–2 photos (JPG or TIFF format/300 dpi).

- + First page—\$1,350
- + Each additional page—\$350

Kapp Nilles
Booth #3303

Increasing Energy Efficiency through Improved Gear Surfaces in e-mobility
By Patrick Duhm and José López

The electric motors used in e-mobility have a significantly higher efficiency compared to conventional combustion engines: up to 90 percent of the energy stored in the battery is transferred to the wheels as kinetic energy. This is achieved by using more efficient means of a transmission. When burning fossil fuel, the yield of an engine is only around 30 percent. However, the efficiency of electric cars, especially regarding the achievable ranges, is limited by the surface texture of the gear flanks in the transmission itself.

The process which determines the quality is the heat treatment of gears. During grinding and automotive heat treatment, the gears are in a gear processing chain. There are constantly increasing demands on service life, smooth running, power transmission and efficient use of the introduced energy.

Since there is no official definition for the terms of fine grinding and polymer, Kapp Nilles has created a definition for the surface texture of the gear flanks in the transmission itself:

The process which determines the quality is the heat treatment of gears. During grinding and automotive heat treatment, the gears are in a gear processing chain. There are constantly increasing demands on service life, smooth running, power transmission and efficient use of the introduced energy.

Table 1: Achievable surface quality.

Method of grinding	Achievable surface quality
Conventional Generating	R _q 0.8 μm
Form Grinding	R _q 0.3 μm
Fine grinding	R _q 0.2 μm
Polishing	R _q 0.1 μm

The average roughness depth R_q and the average roughness height R_{qz} are used as the most important values. It is recommended that these can be used to characterize surface quality, other values such as maximum height R_{max} are better for characterizing the surface R_q and R_{qz} .

In order to meet the increasing surface requirements, various tools are also used in the different processes, as described below:

Conventional generating grinding is used to generate the surface with a standardized conundrum grinding wheel, which is used in a variety of one specific

Fine grinding
In the main stage, combined machining process of fine grinding and a different grinding worm consists of only a single tooth. This is used for rough grinding (conventional generating grinding) than in the actual fine grinding. However, this process is limited to a relatively small number of teeth and the surface texture of the gear flanks may have different types of combustion and/or grain sizes.

Polish grinding
The final and combined machining process of fine grinding, a grinding worm with vibrated bonding is used for rough grinding (conventional generating grinding) and a grinding worm with a polyurethane or acrylic resin bonding is used for polishing.

Fine grinding
The tool consists of two different tool specifications, in the main used for fine grinding, and a special one for the final surface quality. This makes it possible to influence the achievable surface quality of the workpiece. The procedure for a one-step machining process of polishing (not in combination with direct rough grinding), a one-step process with a polyurethane or acrylic resin bonding is used.

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Dressing influences the surface quality of the gear wheel, even if the grinding worm consists of only a single tooth.

Figure 1: Grinding images, profile and flank line measurements are each shown before and after the grinding. It is already apparent in the profile measurement log of the gearing measurement

Figure 2: Profile measurement after polishing

Figure 3: Profile measurement after fine grinding

Figure 4: Profile measurement after profile grinding

AFC-Holcroft
Booth #1627

When it comes to the manufacturing of complex automotive components such as gears, controlling distortion is a difficult, but necessary consideration for reducing the post-heat treat grinding process as well as reducing material cost, because the less you grind the more you save in material and time.

There are opportunities using various heat-treating processes to help reduce distortion and thus reduce even grinding time, resulting in lower manufacturing costs. Improvements in overall quality—but where are those opportunities? What is the best choice for your gear manufacturing operation?

At AFC-Holcroft, we believe that the use of molten salt during the quench portion of the heat-treating process, such as can be found in our new generation of Quench and Tempering Systems, can be an effective, safe and environmentally-friendly solution to help overcome the problem of part distortion resulting in the quench process.

Molten salts have been in use as a quenching medium for decades. Quenching in molten salt is an ideal way to minimize distortion in parts with challenging geometries while also allowing for process control and monitoring. The use of molten salt, tempering, carbo austempering and ADI where the bainitic and austenitic micro-structures achieved in various materials offer properties that are growing in demand, especially in the engineering drive for the lightweighting of automotive components. This is because of the wider operating temperature range that molten salt offers over oil.

Quenching in molten salt is considerably different from quenching in oil, water or polymer. With most liquid quenching media, there is a transition through the three stages of phases of vapor, boiling and convection. Quenching in salt is a single-phase quenching process with no vapor phase and so the issues and problems associated with the vapor phase are avoided. Most of the heat extraction occurs by the process of conduction combined with convection, resulting in minimized distortion of the part while achieving a more uniform hardness.

Furthermore, quenching in molten salt offers other benefits such as the elimination of the fire and heat associated with quenching in oil with molten salt, parts can easily be cleaned in warm water without the need for detergents, oil skimmers and oil disposal procedures. Quenching in salt is a green process in that the salt can be reclaimed from the wash water and recycled back into the quench tank offering a huge savings in operational costs. The salt will after the salt reclamation process can be recycled back into the wash/rinse system.

Sound a little too good to be true? We've proven its effectiveness time and time again. AFC-Holcroft's URDA furnaces offer superior quench speed and uniformity. The unique quench tank and housing design, coupled with proprietary agitation and heat extraction, allows AFC-Holcroft to offer a wide range of quench severity levels that can be used on a part-by-part basis depending on the part's geometry, hardness requirements and need for distortion control.

Salt quench systems are playing a major role in a new generation of engines, transmission components and hybrid/EV technology. AFC-Holcroft has one of the largest inventories of salt quench systems worldwide. Our proven designs have been adopted by major multi-national corporations across the globe, with greater acceptance than ever before. But don't just take our word for it—come visit us for an ASM Heat Treat 2021, Booth #1627, for more information.

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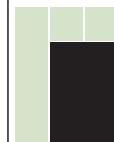
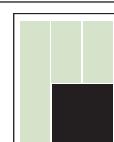
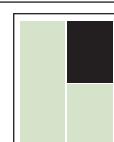
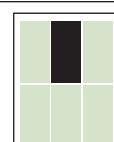
Display Advertising

Don't forget to support your exhibit with additional promotional opportunities in *Gear Technology* and *Power Transmission Engineering*, both in print and online. Turn your MPT Expo Exhibit into a full-blown marketing campaign by adding:

- + Print ads in *Gear Technology* (August and Sept/Oct 2025 issues)
- + Print ads in *Power Transmission Engineering* (October 2025 issue)
- + Digital ads in the *GT* or *PTE* e-mail newsletter
- + Custom e-blasts
- + See 2025 Media Kit for details

Ask **Katie Mulqueen** to help you put together a show package to maximize discounts and make the most of your marketing dollars! Contact mulqueen@agma.org.



RATE	ADVERTISEMENT	SIZE	
\$3,600	Front Cover Corner Display Ad	3 1/4" x 3 1/4" triangle (+1/8" bleed) 82.5 x 82.5 mm	
\$3,600	Belly Band (wrap)	8" x 5" (front) 8" x 5" (back)	
\$3,200	2-page Spread (Bleed)	16" x 10 3/4" (+1/8" bleed) 406 x 273 mm	
\$2,600	Premium Positions (inside front cover, inside back cover, outside back cover, Page 3, Page 5)	8" x 10 3/4" (+1/8" bleed) 203 x 273 mm	
\$2,250	Full Page (Bleed)	8" x 10 3/4" (+1/8" bleed) 203 x 273 mm	
\$1,500	Half-Page Island	4 3/4" x 7 1/4" 120.5 x 184 mm	
\$1,350	Half-Page Horizontal	7 1/4" x 4 3/4" 184 x 120.5 mm	
\$1,350	Half-Page Vertical	3 1/2" x 9 3/4" 89 x 247.5 mm	
\$950	One-Third Square	4 3/4" x 4 3/4" 120.5 x 120.5 mm	
\$950	One-Third Vertical	2 1/4" x 9 3/4" 57 x 247.5 mm	
\$800	Quarter Page	3 1/2" x 4 3/4" 89 x 120.5 mm	
\$650	One-Sixth Page	2 1/4" x 4 3/4" 57 x 120.5 mm	



MOTION + POWER
TECHNOLOGY EXPO®



2025 MOTION+POWER TECHNOLOGY EXPO SHOW GUIDE ORDER FORM

(Deadline: September 5, 2025 for all orders AND materials)

Sold To: _____ Date: _____

Name: _____

Company: _____

Billing Address: _____

City, State: _____ Zip/Postal Code: _____

Country: _____ Phone Number: _____

E-mail: _____

Please publish the following:

Booth Listings (all listings include logo):

- FREE! Up to 100 words and 1 photo
- \$599. Up to 400 words and two photos
- \$999. Up to 800 words and three photos
- \$1,399. Up to 1,500 words and five photos

Sponsored Content:

- \$1,350. One page-article (700 words and 1-2 photos)
- \$1,700. Two-page article
(1,400 words and 3-4 photos)
- \$2,050. Three-page article
(2,100 words and 5-6 photos)
- \$2,400. Four-page article
(2,800 words and 7-8 photos)
- I'd like to submit a longer article (we'll provide you with a quote after reviewing your materials)

Premium Position Display Advertising:

Premium Positions

- \$3,600. Front cover corner ad with standard full page
- \$3,600. Belly band wrap
- \$3,200. Center 2-page Spread
- \$2,600. Cover/Premium Position ad (Cover 2, 3 & 4, page 3 & 5)

Regular Display Advertising

- \$2,250. Full page
- \$1,500. Half page island
- \$1,350. Half page horizontal/vertical
- \$950. One-third page square/vertical
- \$800. One-quarter page
- \$650. One-sixth page vertical

Advertiser (Agency/Obligor) **Please sign here:**

Company: _____ Name/Title: _____

Signature: _____ Date: _____

This agreement is binding after final acceptance by AGMA Media and subject to the terms and conditions as noted at www.gearchnology.com/terms.pdf

For more information contact:

Katie Mulqueen, Manager, Member Engagement and Sales, mulqueen@agma.org, 703-838-0066