

FOR IMMEDIATE RELEASE

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Davis-Standard's Collective Medical Tubing Expertise on Display at MD&M West Trade Show in Anaheim, CA

(Chicago, IL.) – **Davis-Standard** will showcase in-house medical tubing capabilities with **Maillefer** (a Davis-Standard Company) at booth **4011** and its longtime technical partnership with **Conair** and **Zumbach** at booth **4320**, during MD&M West in Anaheim, Calif., February 4-6. Machinery at booth 4011 will include a static silicone tubing line and a running four-lumen PEBAX line, while booth 4320 will feature a running three-lumen TPE bump tubing line and static Davis-Standard 2.5" 24:1 extruder. This machinery range promotes innovation that addresses market demand for tubing used in minimally invasive procedures, home healthcare applications, and wearable medical devices.

The four-lumen PEBAX® tubing line at booth 4011 merges the robust in-house medical tubing technologies of Davis-Standard and Maillefer. The lightweight and elastomeric properties of PEBAX® have made it a prevalent material choice for medical applications involving fluid transfer, catheters, and balloon tubing. This running line will include Davis-Standard's widely used HPE extruder along with a Maillefer die, vacuum tank, puller/cutter, and conveyor. A Zumbach gauge system and servo air controllers, along with a Conair chiller and drying system, complete the line. Advantages include a conical helically grooved die with flow divider for uniform distribution; precision vacuum tank control (below 0.5 mbar); closed-loop water system with an option to maintain temperatures up to 104 degrees Fahrenheit (40 degrees Celsius); and a compact puller/cutter with an intuitive HMI. DS-eVUE process control will provide intuitive feedback and control for showgoers to monitor line performance.

At booth 4320, Davis-Standard will exhibit with technology partners Conair Group and Zumbach to run precision multi-lumen taper tubing used in cardiology applications. A Davis-Standard HPE extruder with XEL drive and control system will be paired with Conair downstream equipment and Zumbach gauge controls to model this intricate process for producing three-lumen tubing for heart catheters used in minimally invasive therapies such as pressure measurement, imaging, angioplasty, and stent placement. This process requires meticulous dimensional control of a changing taper tubing profile as well as the profiles for each internal lumen. Customers will have an opportunity to see how the multi-faceted technical features of each line component, from the extruder to the gauging system to the drying and loading system, make this possible.



"We're excited to unveil our latest innovations in medical extrusion at MD&M 2025. The medical extrusion sector is constantly evolving, and Davis-Standard is dedicated to remaining at the forefront of innovation," said Joe Wnuk, Vice-President Elastomer and Pipe/Profile Systems - Davis-Standard. Wnuk added, "By harnessing the collective expertise of our Maillefer brand as well as collaborating with industry leaders like Conair and Zumbach, we're proud to introduce advancements that will shape the future of medical device manufacturing."

For more information about Davis-Standard, visit www.davis-standard.com.

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About Davis-Standard

Founded in 1848 and headquartered in Chicago IL, Davis-Standard is a global leader in the design, development, distribution, and aftermarket servicing of extrusion and converting equipment. Our systems encompass over 11 product lines to support manufacturing applications and customers in a wide variety of industries, including Power/Energy, Food & Beverage, Construction, Water, Consumer Products, and Communications. With more than 2,600 employees worldwide and a network of independent sales agents and suppliers in nearly every country, Davis-Standard is committed to engineering systems that are cost-effective, environmentally friendly and offer a high return on investment. The company has manufacturing and technical facilities in the United States, Canada, China, Germany, Finland, Austria, Czech Republic, Switzerland, Italy, and the United Kingdom. To learn more, please visit www.davis-standard.com.