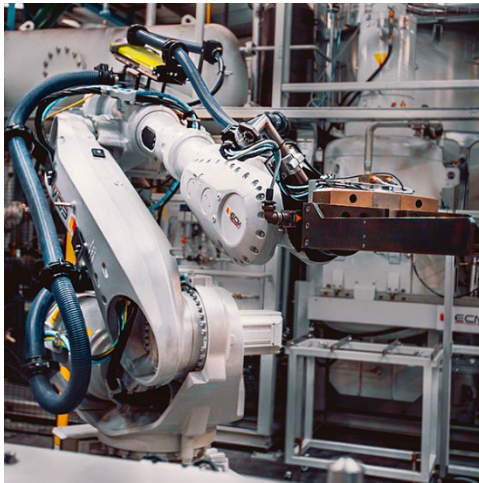




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*For Immediate Release*

## **3rd Integrated Robotics Vacuum Furnace System by ECM for Increasing Heat Treat Automation Demands**



Pleasant Prairie, WI – June 5th, 2023 - ECM USA has partnered with prominent global manufacturer, SEW-EURODRIVE, to commission a modular NANO vacuum furnace system completely integrated with advanced automation for their Lyman, South Carolina facility. It is the third ECM NANO system with integrated robotics and advanced capabilities for the US heat treat market within the last two years. This 6 chamber, 20 bar quench NANO vacuum furnace system provides maximum flexibility and integration utilizing the addition of 16 tempering positions, advanced solvent based washer (both oil and water based contaminants), and robotic workload assembly/disassembly. Dunnage management is also provided and fully automated within the robotics configuration. The system was specifically

designed to run multiple materials (including carburized grades and tool steels) and has the modular flexibility to adapt to an increase in production for various load scenarios and processes. SEW-EURODRIVE MOVITRANS® (SEW-EURODRIVE's patented inductive energy power transfer supply system) will also be incorporated within ECM's vacuum furnace transfer system.

As the industry demand for automated solutions grows, ECM exceeds these new heat treatment production expectations with innovative technology, highly efficient equipment, and superior service. Learn more about *ECM Heat Treat Robotics* and *ECM Vacuum Furnaces* by visiting us online: [www.ecm-usa.com](http://www.ecm-usa.com).

#### **About SEW-EURODRIVE**

*Drive technology from SEW-EURODRIVE is a fixture in modern engineering. The proven modular system ensures that all components are fully compatible. This allows you to construct highly complex drive architectures that offer maximum performance under all conditions. Our unique product portfolio combines high-quality mechanics, intricate electronics and application-specific IT components to give our international customer base real competitive advantages. The same is true of all our components, systems and solutions.*

#### **About ECM Technologies**

*ECM Technologies is an innovative low pressure vacuum furnace manufacturer with headquarters in Grenoble, France. With subsidiaries and ventures around the world, including ECM USA located in Pleasant Prairie, Wisconsin USA. ECM's global presence is well known in the automotive, aerospace, nuclear, energy, electronic, induction and 3D additive industries. With such versatile product lines and service capabilities, ECM is the ideal furnace system supplier for heat treatment processes ranging from rapid thermal processing (RTP) to low pressure vacuum carburizing (LPC). Our service capabilities include advanced automation, robotics, after sales, spare parts, on-site training and more.*

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For more information, visit us online at [www.ecm-usa.com](http://www.ecm-usa.com) or [www.ecm-furnaces.com](http://www.ecm-furnaces.com).