



The Fluid Power & Motion Control Experts

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## JEM TECHNICAL BOOSTS ENGINEERING CAPABILITIES

JEM hires 4 new engineers to support more robust fluid power and electronic control custom solutions for customers.

**Orono, MN** – JEM Technical has hired four new engineers after experiencing a growing need for more custom system integrations for fluid power and electronic control solutions. The new engineering hires will increase JEM’s capacity to meet their customer’s changing needs in both hydraulic and electronic control systems.

“With the mobile equipment markets trending towards more sophisticated technologies, we feel it is critically important for our business to develop our engineering resources to ensure JEM is positioned to continue to support our OEM customers efforts to improve and advance their machine technology,” said Andrew DeRung, director of sales and marketing. “JEM embraces the new challenges that come with meeting today’s modern machine power management, motion control, and IOT requirements. We feel our customers will benefit from the specialized knowledge and expertise our new engineering hires have to offer.”

This new hiring class of engineers expands JEM’s ability to deliver full system solutions from both a hydraulic and electronic control perspective. With a combination of advanced education and experience in the field, the newly hired engineers are positioned to help deliver the industry leading solutions that OEMs require to stay current with the world’s continually changing machine needs.

JEM’s new hires include the following individuals.

**Joseph Shir** – Joseph specializes in designing electrical controls solutions, having graduated Magna Cum Laude with a B.S. in electrical engineering. His experience is coupled with his in depth understanding of electrical systems and integrated circuit board design. His role at JEM will see him responsible for designing electrical systems, automotive wire harness, and custom printed circuit boards.

**Zack Mithaugen** – A certified fluid power specialist, Zack has over a decade of experience delivering hydraulic solutions to customers across various industries. As a product application engineer, Zack was able to help design custom hydraulic cartridge and HIC solutions, among other components. His role with JEM will see him responsible for designing hydraulic circuits, manifolds and custom fluid power systems.



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**Jefferson Hui** – With a focus in robotics and control systems, Jefferson attained a M.S. in mechanical engineering from the University of Minnesota Twin Cities. He is capable of coding in CODESYS, LINUX, C++, QT and specializes in imbedded controls, HMI development and telematic solutions for mobile equipment. His role will be to design electronic control systems as well as develop advanced software solutions.

**George Furtado** – Having been a certified fluid power specialist since 2001, George has extensive experience with hydraulic and electrical systems. He has worked with design, fabrication, installation, and commissioning hydraulic systems in industries such as: mining, forestry, snow and ice removal, sanding, agriculture, and various other mobile hydraulic equipment manufactures. His role with JEM will see him responsible for designing custom hydraulic circuits and turnkey fluid power solutions.

JEM Technical continues to invest in human resources that add to the companies technical, customer service, and manufacturing capabilities.

#### **About JEM Technical, Inc.**

JEM Technical is a fluid power systems integrator for original equipment manufacturers and industrial applications. JEM designs and manufactures custom valve manifolds that include industry leading cartridge valves and electronics which are available independently through authorized distribution territories in the United States and Canada.

The fluid power and motion control experts at JEM Technical have the knowledge and expertise to improve the technology of your equipment to achieve maximum system efficiency.

For more information, visit [www.jemtechnical.com](http://www.jemtechnical.com)



Photos - Joseph Shir, Zack Mithaugen, Jefferson Hui, George Furtado

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