## **PRESS RELEASE**

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**Yaskawa Motoman Previews Collaborative, Handling and Mobile Robotics at IMTS 2016**

**Dayton, OH (September 2016)** — Yaskawa Motoman will preview new automation solutions for material handling, human-robot collaboration, and mobile machine tending and material movement during IMTS 2016, September 12-17 at McCormick Place, Chicago, IL in booth #N-6600.

**Material Handling: GP8 Robot**

The GP8, one of Yaskawa Motoman’s next-generation robot models, is designed for material handling applications. The high-speed GP8 has an IP67 washdown rating with an easy-to-clean surface for use in harsh environments. Its slender design allows it to delve deep into the workspace, and it can be placed in close proximity to other robots. A single cable is needed to connect the manipulator and controller, resulting in easy setup and reduced maintenance expenses. The GP8 has an 8-kg payload capacity, a 727 mm reach, and can be floor-, ceiling- and wall-mounted. It is one of several models that will be available in 2017.

**Human-Collaborative Robotics: HC10 Robot**  
Featuring a speed- and force-limited design, the six-axis HC10 robot works safely with, or in close proximity to humans. Utilizing easy guide-through teaching, it is fast to deploy or redeploy on demand. The HC10 is easily adaptable to changing requirements, and can be integrated with existing automation infrastructure. The highly configurable HC10 offers a 10-kg payload and 1,200 mm reach, and can perform a broad range of material handling, machine tending or light assembly tasks. It will be available in 2017.

**Mobile Robotics Technology**

New mobile robotics technology that can be applied in various applications including machine tending and material movement will be demonstrated with the YMR12, a combination of a Motoman® MH12F robot (12 kg payload) and OTTO Motors’ OTTO 1500 self-driving vehicle (1,500 kg payload). This fully autonomous platform can perform multiple handling operations and logistics tasks throughout the shop floor and can communicate with other machines via wireless direct connection to a PLC. The YMR12 is equipped with a vision system and an adaptive gripper. It provides a viable alternative to the traditional method of utilizing a fixed robot station.

Solutions for 3D vision, arc and spot welding, and assembly will also be featured. Additional Yaskawa Motoman product demonstrations can be found in various booths throughout IMTS; a complete list is available at the Yaskawa Motoman booth.

# About Yaskawa Motoman

Founded in 1989, the Motoman Robotics Division of Yaskawa America, Inc. is a leading robotics company in the Americas. With over 300,000 Motoman® robots installed globally, Yaskawa provides automation products and solutions for virtually every industry and robotic application; including arc welding, assembly, coating, dispensing, material handling, material cutting, material removal, packaging, palletizing and spot welding. For more informationplease visit our website at [www.motoman.com](http://www.motoman.com) or call 937.847.6200.

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