## **PRESS RELEASE**

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**Yaskawa Motoman MA1440 Welding Robot Offers Improved Welding Speed**

**Dayton, OH (September 2016)** — Sleek, strong and fast, the 6-axis MA1440 arc welding robot features a 6 kg payload and a large 50 mm wrist hole for utilities. The MA1440 robot is compatible with the DX200 robot controller which is more energy efficient and designed for improved maintainability.

The MA1440 features a contoured arm structure that reduces interference by enlarging the close-range motion area of the robot, making it optimal for welding large workpieces and reaching over jigs. The upper arm shape also provides an improved mounting area that allows more room for the feeder. Available in floor-, wall- or ceiling-mounted configurations and ideal for high-density layouts, the space-saving MA1440 robot increases productivity due to its Sigma-5 motor control technology.

The MA1440 robot has a 1,440 mm horizontal reach, 2,511 mm vertical reach and ±0.08 mm repeatability.   
Its integrated through-the-arm torch cabling eliminates cable interference, simplifies programming and reduces cable wear. The large 50 mm thru-hole can allow signal cables for sensors, higher current cables and water-cooling lines. The higher payload allows motorized torches and cameras to be mounted on the wrist for welding applications. Additionally, a material handling version of the robot with a 12 kg payload is available (MH12).

The DX200 controller features patented multiple robot control technology to easily handle multiple tasks and control up to eight robots (72 axes). The DX200 has been designed to improve process capability, reduce energy usage, and improve maintainability and safety. An enhanced Functional Safety Unit (FSU) provides control-reliable zone and tool position monitoring, standstill monitoring and speed limiting. This can reduce costs for safeguarding hardware, and it provides capabilities such as collaborative tasks. It is compliant to ANSI/RIA R15.06-2012 and other relevant ISO and CSA safety standards.

# 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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