## **PRESS RELEASE**

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**ArcWorld 2000 Offers Flexible Approach to Configuring a Robotic Welding System**

**Dayton, OH (September 2016)** — The new ArcWorld® 2000 welding workcell is a modular solution specifically designed for robotic welding of large workpieces. This powerful, flexible, pre-engineered solution is perfect for low- to medium-volume manufacturers with a medium to high mix of parts. Able to handle parts up to 5 meters in width and payloads up to 6,300 kg, the ArcWorld 2000 is ideal for labor intensive jobs involving large parts or heavy deposition welding. The workcell is configured with one or two six-axis Yaskawa welding robots directed by the DX200 controller with menu-driven arc welding application software, an integrated welding package (power source, wire feeder and welding torch), positioner(s), operator interface and safety barriers.

The ArcWorld 2000 scales easily from a single-station layout with a reduced floorspace footprint to a two-robot dual station configuration that makes it easily adaptable to changing production demands. Two station layouts can be configured with a “blank station,” allowing end user supplied equipment to be installed, and each station can have a different positioner. In dual robot installations, the second robot controller can be a reduced cost, dual-robot control type module (DRC).

Multiple positioner and robot options combine to deliver a modular solution for manufacturers of heavy transportation, agriculture and construction equipment. For maximum welding reach, the ArcWorld 2000 can be configured with two Motoman® MA3120 robots. Additional welding robot options include the MA1440 and MA2010 models.

The ArcWorld 2000 takes advantage of the DX200 controller’s Functional Safety Unit (FSU) features as part of the total safety environment, which allows continuous station welding during part loading/unloading. Access to positions at either station is protected by light curtains. Peripherals such as torch cleaners or tip-changing stations are installed in a fenced center zone to allow operator access to stations while robot maintenance functions are performed. Cable management is accomplished via a fence mounted wire way that provides protection while safely keeping cables off of the floor, eliminating trip hazards.

A MotoMount™ fixture mounting system can be included to eliminate the need for laser or transit alignment procedures, allowing for fast positioner setup and improved equipment life.

# 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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