

MOTOMAN NEWS RELEASE

Photo filename: AW6300VOC.jpg

**FOR IMMEDIATE RELEASE
FEBRUARY 2007**

**CONTACT: Sally Fairchild
937.847.3202**

NEW! MOTOMAN'S ARCWORLD® V-OC-6200[6300]XHD PROVIDES HYPERPRODUCTIVITY® WITH OVERHEAD ROBOTS AND HIGH-SPEED, HEAVY-PAYLOAD POSITIONER

Dayton, Ohio — The ArcWorld® V-OC-6200[6300]XHD family of fully integrated arc welding solutions includes two or three robots ceiling-mounted from an overhead structure, freeing floorspace below the robots and behind the positioner for automated material handling equipment (part loaders/unloaders). The ArcWorld V-OC-6200XHD (two robots) and ArcWorld V-OC-6300XHD (three robots) feature Motoman EA-series “Expert Arc” welding robots with integrated upper arm cabling, advanced robot controller, integrated welding package, high-speed three-axis AC servo-controlled “ferris-wheel” type positioner, operator interface and a total safety environment.

The MRM2-1200M3X part positioner features a 1,200-kg capacity per side and three servo axes for high-speed positioning. Coordinated motion is standard between the robots and positioner axes. One servo motor is used to rotate the trunion axis, while two additional servo motors are used to rotate the orbital axis independent of the trunion. The total time required to index the part into a weld position is 3.25 seconds. The M3X positioner has the ability to position the operator load axis ± 360 degrees in 2.5-degree increments to provide more ergonomic part loading and unloading. The load station can be jogged using a “joystick” to improve part loading position and tacking. A multiple robot ArcWorld solution is controlled by a master controller to provide fast and easy integration between robots and controllers. One programming pendant simplifies programming and provides a single point of control for all axes as required by ANSI/RIA R15.06-1999 safety standard.

The ArcWorld V-OC-6200[6300]XHD family features a total safety environment compliant with the ANSI/RIA R15.06-1999 safety standard. Wire fencing with arc curtains provides protection from arc flash. An interlocked sliding door on the rear of the cell provides convenient access for programming and maintenance. Light curtains provide operator safety during part loading and unloading. An integral programming platform that facilitates teaching and hides/protects cables is available as an option.

For more information on ArcWorld solution or other Motoman products and services, visit the corporate web site at www.motoman.com, call 937.847.6200, or write to Motoman Inc., 805 Liberty Lane, West Carrollton, Ohio, USA 45449.

###