



FOR IMMEDIATE RELEASE: APRIL 2015

Nachi announces the Global Launch of the World's Fastest and Lightest Compact Robot (MZ04), the Safe Robot Version (MZ04E) and the Extended Reach Model (MZ03L).

EXPANDING THE SMALL ROBOT PRODUCT LINEUP

Nachi-Fujikoshi launched the MZ07 compact robot back in 2013 and has been cultivating the world's compact robot markets via our distributor's network such as original tools, bearings, hydraulic fluids and other own-brand products and robot integrators. Eager in 2015, we are currently launching the "MZ04" as the World's fastest and lightest compact robot and the "MZ04E" as a safe robot, with targets set on the 3-4 kg payload capacity segment of the compact robot market. By greatly improving ease of use, Nachi is lowering the automation threshold so that businesses that have never used robots before can accelerate their introduction.

The MZ04 and the MZ04E robot has a footprint equal to an A5 sheet of paper (5.8" x 8.3"), an arm width of 4.49", and weighs less than 60lbs. Designed to be extremely compact with minimal installation space, unconventional layout options include; ceiling mount, wall-mounting, and tilted postures. Also available on MZ Series robots is a 120v control package expanding the application range even further. Nachi's MZ Series robots can be installed anywhere you can plug into the wall making it an ideal solution for universities, training facilities, R&D laboratories, or anyone without access to commercial power. Application possibilities are endless and applied seamlessly with advanced Nachi Software Packages including palletizing, force sensing, vision sensing, line-tracking conveyor synchronization, material handling, and many more.

The MZ04E version uses "Safe Robot" technology and a motor rated at no more than 80w on each of its axes. It can be used without safety fences* and operators can work adjacent to the robot. In addition to the MZ04E Safe Robot, the MZ04 robots incorporate optional Direct Teaching Technology that allows operators to physically move the arm to teach the required operations. This hands-on operation with the robot simplifies and greatly shortens the teaching process.

Boasting an IP67 rating, MZ Series robots are the fastest in class (in standardized speed testing), surpassing all competitors' robots. As the newest addition to Nachi's comprehensive robot lineup, MZ Series robots build on the great heritage of large payload robots by providing an extremely versatile small robot with top of the line capabilities. The new MZ Series robot arms feature ultra-high-speed motion capability with advanced through-arm dress capabilities to simplify routing of hoses and cables for material handling, assembly, vision and many other applications. The MZ03EL incorporates the same great features as other MZ Series robot with added reach up to 1.1 meter horizontal reach for larger work areas.

(* Risk assessment required)

To request information or demonstration, please contact Nachi at 248-305-6545 or email marketing@nachirobotics.com

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