

MOTOMAN NEWS RELEASE

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PRODUCTIVITY PLATFORMS® PROVIDE FLEXIBLE, PREFABRICATED ROBOTIC MACHINE TENDING CELLS



Dayton, Ohio — Productivity Platforms® are a series of highly flexible prefabricated robotic machine tending cells offered by Interface Innovations, a strategic partner for Motoman Inc. in machine tending.

Productivity Platforms are designed to link one, two or three major machine tools and a variety of secondary process devices into a single, lean production unit. Standard designs incorporate high-performance Motoman robots with payload capacities ranging from 6-600 kg (13.23-1,323 lbs). Tool changers and provisions for multiple end-of-arm tools are standard to facilitate multi-operation processing of single parts, or multi-part processing in the same cell. Also included are inbound and outbound part orientation and storage conveyors to support long periods of unattended production.

The name “platform” is derived from the diamond plate floor that spans the entire cell and is supported by a structural steel base that is plumbed with air and wired with Ethernet. Outlets for these circuits and standard T-slot mounting positions for secondary devices are conveniently located around the periphery of the cell. Standardization has been driven even into every aspect of the product to minimize costs and maximize reliability.

The Productivity Platform on display in the Motoman booth at IMTS (#B-6400) will demonstrate unmanned production of small parts through lathe and pin stamping operations tended by a six-axis Motoman HP6 robot. A pallet top conveyor will be used to deliver blanks to the cell and transfer finished parts out of the cell.

For more information on Productivity Platforms, contact Interface Innovations at 800.632.9461 or 616.656.7188 or www.interfaceinnovations.com. For information on Motoman robots, and other products and services, visit the corporate website at www.motoman.com, call 937.847.6200, or write to Motoman Inc., 805 Liberty Lane, West Carrollton, Ohio, USA 45449.

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