

For Immediate Release

News From: Absolute Machine Tools, Inc.
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With Art: Image of Mitsubishi LoadMate Plus Robotic Cell

LoadMate Plus Robotic Cell From Mitsubishi Electric Streamlines Part Loading, Unloading, and Palletizing in Low-To-High Volume Applications

[LORAIN, OH – February 2021] The [LoadMate Plus Machine Tending Robotic Cell](#) from Absolute Machine Tools partner Mitsubishi Electric Automation streamlines part loading, unloading and palletizing in low-to-high volume applications. It features portability, easy setup and programming, high performance, and a safety-first design that make it appropriate for both job shops and larger scale production environments.

[Mitsubishi](#) and Absolute jointly designed the plug-and-play cell. It consists of a Mitsubishi industrial robot, a wheeled stainless steel base, a clear polycarbonate cell enclosure featuring a safety door with an interlock switch, and a side table extension. The cell accommodates Mitsubishi 6-axis RV-series robots ranging in load capacity from 7 kg to 20 kg and reach up to 1,388mm. Integrating the robot cell with a CNC machine is a one-step process using a single Ethernet cable, Mitsubishi's Direct Robot Control function and the Mitsubishi M8 series control. The LoadMate Plus can also interface with other control types via remote I/O connectivity.

Built-in casters enable users to move the LoadMate cell from machine to machine. The cell enclosure is designed to handle heavy payloads and significant part momentum. Additional guarding and fencing may not be necessary when the cell is positioned correctly in tandem or in close proximity to the CNC machine. Depending on the application, the cell can be secured in position using built-in ratchet pads or an optional floor-mount latching system.

Courtney Ortner, chief marketing officer at Absolute Machine Tools, said, "The Mitsubishi LoadMate Plus cell provides a cost-effective, easy-to-implement [automation solution](#) for both beginners and manufacturers already familiar with automation systems."

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About Absolute Machine Tools, Inc.

Absolute Machine Tools, Inc. sells and supports Mitsubishi Electric Automation Robots, Productive Robotics Cobots and Robots; Johnford Bridge & Gantry Mills; You Ji Vertical Turret Lathes; Tongtai Horizontal Machining Centers (former Hitachi-Seiki OEM); PCI Horizontal Machining Centers; Quicktech Multi-Axis Multi-Spindle Mill/Turn Centers; Lico Multi-Slide CNC Screw Machines and Twin Spindle Multi-Slide Mill/Turn Centers; Nexturn Swiss-type Lathes; AccuteX Wire EDM and Die Sinker Machines; APEC 5-axis Gantry-style Linear Motor Machining Centers; and Precihole Gun Drilling Machines. The company has worked with several of its principal machine tool partners for over 25 years to offer some of the most heavy-duty, accurate, and productive machines in the industry. The company has built its reputation on exemplary applications engineering, service, customer support, comprehensive training, and effective preventive-maintenance programs. In addition to its headquarters in Lorain, Ohio, the company has established direct full-service technical centers in Mason, Ohio and Livonia, Michigan. For more information, contact Absolute Machine Tools, Inc. at 800-852-7825 or www.absolutemachine.com.