



For Immediate Release

News From: Absolute Machine Tools, Inc.
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With Art: LoadMatePlus™ Machine Tending Robotics Cell

**Absolute Machine Tools Will Co-Exhibit the LoadMate Plus™ Machine Tending Robotics Cell with
Mitsubishi Electric Automation**

[LORAIN, OH – April 2022] The Absolute Machine Tools A+ Automation Team will co-exhibit the LoadMate Plus™ Machine Tending Robotics Cell with partner Mitsubishi Electric Automation (MEA) in booth #1023 at the Automate Show June 6-9, 2022 at the Huntington Place Convention Center in Detroit, MI. Designed and built as a joint project between MEA and Absolute Machine tools to fill the gap between collaborative robots and industrial robot automation cells, the LoadMate Plus is a compact heavy-duty portable robotic cell that can handle payloads up to 20 kg with reaches up to 1,388 mm. It can be integrated to CNC machines using MEA's Direct Robot Control function in one step which will be demonstrated live at the booth with an Absolute Machine Tools Seiki KT-420L CNC drill/tap center.

Capable of loading, unloading and palletizing parts in any low-to-high volume application, the LoadMate Plus plug and play robotic cell offers the high strength of industrial robots in a safe, contained cell. Several Mitsubishi vertical robot models, including all RV07, RV-8, RV-13 and RV-20 series, have been tested and proven within the cell's enclosure. Its portability makes it easy to add an [automation](#) function to a variety of CNC applications increasing throughput and saving valuable time. The Seiki KT-420L machine is available standard with Mitsubishi M80A

control with dedicated CNC CPU enabling rapid processing speeds and assuring seamless integration with the LoadMate Plus cell and [robotics](#). Featuring a moving column/fixed table design with rotary pallet changer, the machine's built-in rotary-type APC unit is located at the front of the machine for easy access. The machine exchanges fixed tables in 4.5 seconds using a hydraulic cylinder to rotate the pallet and a Hirth coupling hydraulic clamping mechanism to clamp the pallet in place without lifting for exceptional repeatability.

"Absolute Machine Tools is a Diamond Partner of Mitsubishi Electric Automation and co-creator of the LoadMate Plus, so it makes perfect sense to demonstrate our successful collaboration on a working CNC machine tool at the Automate Show," said Courtney Ortner, Director of Marketing Absolute Machine Tools A+ Automation. "We invite people looking for something a little heavier than a collaborative robot without the complexity of an industrial robot, cage and conveyor system to stop by the booth and take a look."

For more information on the LoadMate Plus and Seiki KT-420L, visit

<https://absolutemachine.com/product/mitsubishi-electric-machine-tending-robotic-cell/> and

<https://absolutemachine.com/product/kt-series/> or call 800-852-7825.

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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; Seiki Mill/Drill/Tap 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; and Precihole Deep Hole Drilling and Hole Finishing 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. Absolute is an authorized FANUC America Corporation Systems Integrator and a Mitsubishi Electric Automation Diamond Partner. 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.