



**FOR IMMEDIATE RELEASE**

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*With Art:* image of Mitsubishi LoadMate

**Unattended Machine Solutions at Absolute Machine Tools' PMTS 2021 Booth #4013**

[LORAIN, OH – May 2020] [Automation](#) has never been easier! Absolute Machine Tools' A+ Automation Team is excited to exhibit and demonstrate unattended machining solutions in simple-to-use automation packages at [PMTS Booth #4013](#). The show dates are August 10 – 12 at the Huntington Convention Center of Cleveland. Today's manufacturers seek guidance in determining how automation can fit easily and affordably into their current production processes. Manufacturers are turning to automation not only to fill the skills gap, but also to upskill current employees. The A+ Automation Team will demonstrate both industrial robots and collaborative robots and will allow attendees time to get a first-hand experience in "teaching" simple commands. There will be several models on display that will be used in a "free-play" setting. Members of the Team will be on-hand to answer questions and discuss where automation can best be used in a manufacturing environment.

The featured collaborative robots will be the world's only true 7-axis cobots designed and manufactured in the United States: Productive Robotics' [OB7 models](#). The cobots will demonstrate machine tending and be available for PMTS attendees to "teach" simple commands. Set up and integration are easy with OB7's exclusive "CNC package" that is custom designed for use with CNC machine tools. OB7's cobots come in four different models with a reach range of 1,000mm (39 inches) to 1,700mm (66 inches), and payloads from 4Kg (8.8 lbs.) to 12Kg (26 lbs.).

Absolute Machine Tools, in cooperation with Mitsubishi Electric's Automation Division, is also proud to present their newest robotic machine tending cell. [Mitsubishi's LoadMate Plus](#) is a plug and play solution designed and engineered to be a compact heavy-duty portable robotic cell for manufacturers requiring the strength of an industrial robot with safety-first functionality. This cost-effective robotic cell allows for quick and easy setups, high performance and accuracy, safety-first functionality, and maximum portability for all types of manufacturers with high/low volume mix production. Additional guarding and fencing may not be necessary when LoadMate Plus is positioned properly in tandem or close proximity with any CNC machine tool. Users can learn LoadMate's one-step process of integrating the robot cell to a CNC machine using Mitsubishi's Direct Robot Control Function, all done with one single Ethernet cable. The LoadMate Plus's versatility allows the use of several different models of Mitsubishi robots inside the enclosure, including all RV-7, RV-8, RV-13, and RV-20 series industrial robots. The cell enclosure was designed to be heavy-duty to allow for heavy payloads and speeds, and in some cases, may not need to be anchored into the shop floor. The LoadMate Plus can be moved from machine to machine using its built-in casters and then set into position using its built-in ratchet pads or optional floor-mount latching system. Another cost-saving advantage of the LoadMate Plus robotic CNC machine tending cell is that users will typically only need one teach pendant per facility and not per machine.

For more information, visit PMTS Booth #4013, or call 800-852-7825. The company also has a helpful PMTS website page, complete with a listing of all the machines that will be featured at the show at the following link: <http://absolutemachine.com/event/precision-machining-technology-show-pmts/>

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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. 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](http://www.absolutemachine.com).