



An ISO 9001:2015 Registered Company

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# PRESS RELEASE

## Mach Machine Doubles Lights-Out Manufacturing Capacity; Pens deal with Okuma America to expand its FMS

3/20/18 Hudson, MA; Mach Machine, Inc. Has struck a deal with Robert E. Morris (Okuma America) to integrate a second Okuma MB-5000H horizontal machining center and 12 pallet Palletace system onto its existing FMS. This expansion comes in response to the exceptionally strong growth of domestic manufacturing, something that Mach Machine has been capitalizing on by providing the industry with first rate parts, quality and customer service.



Mach's updated manufacturing line will now consist of 2 Okuma MB-5000H machining centers paired to a 24 pallet Flexible Manufacturing System (FMS). This system will be managed by a centralized control interface connected to Mach's ERP system.

At the core of this machining center is a 15,000 RPM, 35hp direct drive, chilled spindle for rapid material removal. Feeding the spindle tooling, is a 218 tool, matrix style tool changer with tool breakage detection, allowing for autonomously managed redundant tool replacement. With travel of 29.92” in X,Y and Z axis and a full B axis with 0.001 degree programming resolution, rapid movements of 2362 IPM, the MB-5000H will enable Mach Machine to quickly process the most sophisticated parts with ease. In-process quality inspection will be conducted through utilization of a Renishaw RMP600 probe that will be able to inspect parts and make the necessary compensations ensuring 100% conformance.

*“The integration of the first FMS system was nothing more than a monumental task of engineering and manufacturing resources”, says Mach Machine’s President Dan Olsen. “Now that we have utilized all of the first systems available cycle time, operating 24/6, it was time to take the next step and double its capacity.”*

Mach Machine has been focusing on serving customers that require lean operations. Utilizing this FMS system, Mach is able to respond to the constantly changing product demand needs with ease.

*“The direction many of our customers are going in is “Just-In-Time” delivery and “Kanban”. We are able to minimize the inventory of hundreds of part numbers that we manage in the supply chain and still provide quick turn delivery to our customers”, says Olsen*

With 24 hours in the day, Mach Machine will be utilizing all of them for production. What this means to their customers is not only shorter lead times, but also much more competitive pricing compared to other suppliers. If you have any production requirements and would like to receive a quote, you can contact Mach Machine at [Sales@MachMachine.com](mailto:Sales@MachMachine.com) or by calling 978-274-5700. Check them out on the web at [www.machmachine.com](http://www.machmachine.com). Mach Machine is an ISO9001-2015 registered company.