AUTOMATION WITHIN REACH

RAM Precision Industries Increases Production 290% with CNC Automation

RAM Precision Industries (RAM), a high-precision tooling manufacturer, focuses on quality, customer service, and delivering products that exceed customers' expectations.

Founded in 1974, RAM is a leader in leveraging the latest state-of-the-art manufacturing capabilities utilizing proprietary technology. RAM delivers solutions for the beverage and food container, medical pharmaceutical, semiconductor, oil & natural gas, and aerospace industries. Its products include high-mix, low-volume, high-precision manufacturing capable of holding tolerances as close as 1 micron (.00004).

RAM faces the same challenges many other manufactures experience today: **"do more with less."**

The Challenge: Increasing Capacity with Limited Resources

> *"Meet customer demands by providing quality products, when customers need them and at a competitive price."*
>
> *"Focus is to increase capacity, improve production methods, reduce costs, and deliver superior products."*





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RAM's traditional manual manufacturing method provided them with "limited daily run times based on shared resources and people, along with no unattended run time due to short cycle times."

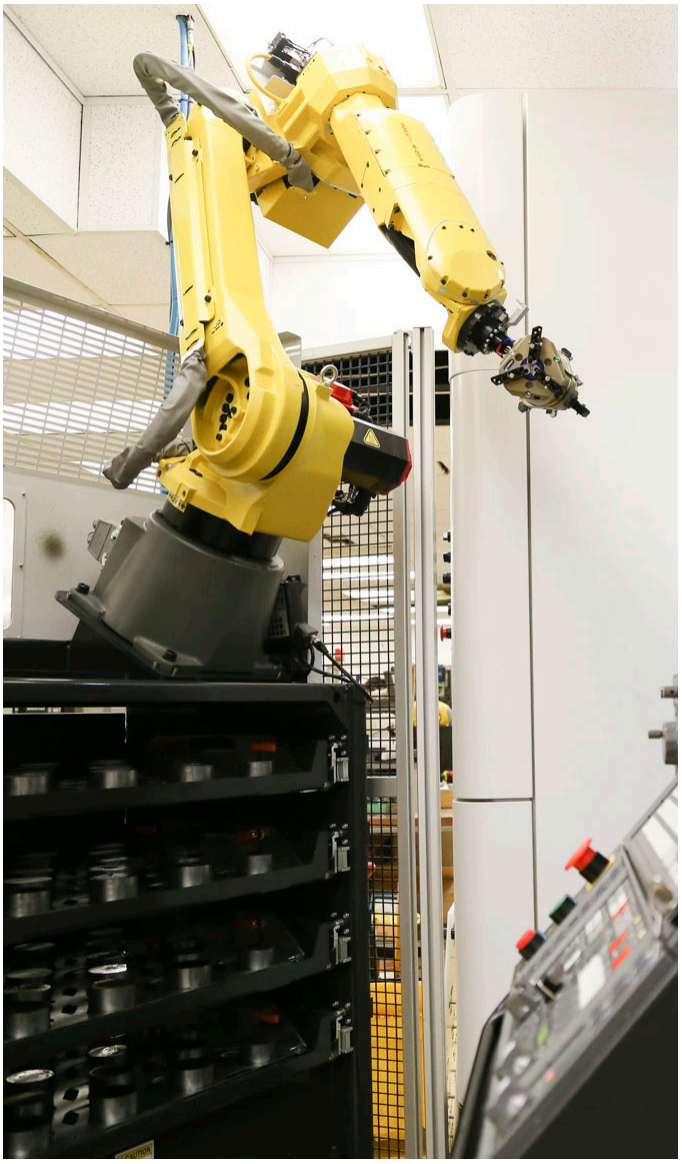
The Solution: Flexible CNC Machine Tending Automation

To overcome daily challenges, RAM looked toward automated systems to improve its spindle utilization. As it began researching automation for a job shop, RAM knew flexibility was key to its success. RAM Precision Ind. had been presented with several solutions; however, none were flexible enough until it was introduced to Automation Within Reach (AWR). The AWR system offered flexibility with the standard package, which can handle parts from 1/2" to 5" in diameter and from 1" to 7" OAL.

The Results: 290% More Production

The AWR Flex Series DC-2 offered the flexibility it needed and the "opportunity to challenge current processes and increase overall production throughput." RAM realized a **290% increase in production** on any given day over its manual process by having the ability to run around the clock with no labor present.

RAM Precision Industries partnered with Automation Within Reach based on "confidence in their experience and strong relationship. The relationship between RAM and AWR has evolved into a **"strong, strategic, and supportive partnership."**



Information for AWR products can be obtained on the website at **www.automationwithinreach.com**