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FOR IMMEDIATE RELEASE
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AME Reduces Tombstone Lead Times with New Toyoda HMC Machine

Advanced Machine & Engineering doubles down to show its commitment to delivering high precision tombstones at the lowest possible lead time.

By: Meaghan Ziemba, Content Marketing Manager, AME

FOR IMMEDIATE RELEASE—Rockford, Illinois, USA—March 8th, 2018—[Advanced Machine & Engineering \(AME\)](#), a global manufacturer and distributor of machine tool components and metal cutting machines for over 50 years, has recently invested in a [Toyoda FH800SX-i, Horizontal Machining Center \(HMC\)](#).

AME experienced 25 percent growth in their [tombstones, custom fixtures, and workholding components](#) as a result of reshoring and insourcing of manufacturing. In addition, AME's robust website is drawing a significant amount of traffic, providing new leads and opportunities for business.

"Our goal for next quarter is to get our current lead times down to 4 weeks, and with the new machine up and running, we're very close to hitting that goal," said [Dietmar Goellner, President and CEO of AME](#).

AME invested in Toyoda's Flexible Manufacturing System (FMS) back in 2013-2014 that was big enough to run two HMC machines, but they started out with just one. About four weeks ago, the second HMC was connected to the FMS and has been running steady.

"Our system allows customers to schedule their work from the attached Rail Guided Vehicle (RGV) cell controller that keeps track of all the pallets in the system," explained [Graham Roeder, Toyoda HMC Product Manager](#).



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The [FH800SX-i](#) is a high-speed HMC that features:

- 8,000 RPM high-torque spindle with the option of up to 15,000 RPM.
- A 2,127 ipm (54 m/min) feedrate.
- Dual ball-screw drive on the Y and Z axes.
- A Meehanite cast iron base for improved rigidity.

"AME has been phenomenal to work with not only as a customer of ours, but as an industry partner," said Roeder. "The process and equipment investments AME has made, including two Toyoda FH800SX-i's integrated with an FMS system, has impressed us for their ability to achieve tight tolerances— so much so, we in-fact use their workholding solutions."

AME has plans to replace other dated machinery with brand new CNC technology, which will open up job opportunities for the local community. "Over the next year, we will need 10 additional CNC machinists for the rapid growth that we are predicting over the next two to three years," said Goellner. "We now have the capacity to handle the increased demand, and we want our customers to know that we're investing so that we can offer responsive service. We're very thankful for their constant support that has allowed us to invest in new technology and our new facility expansion."

About Advanced Machine & Engineering Co.

Advanced Machine & Engineering® (AME) was founded in 1966 out of Rockford, Illinois (USA) by Willy Goellner. Originally known as Advanced Engineering Co., AME has developed into a global leader in machine tool components and metal cutting machines for over 50 years. With strong core values supporting STEM (Science, Technology, Engineering, and Math) education, AME's robust apprenticeship and community outreach programs ensure a secure, innovative environment that supports AME facilities and the development of the American manufacturing movement.

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