

November 14, 2016

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Dear Sirs,

Sub: Media Release

Please find attached herewith a media release being issued today announcing that “**Geometric Americas Launches CAMWorks® 2017**”

This is for your information and records.

Kindly acknowledge receipt.

Thanking you,

Yours Faithfully,  
For **Geometric Ltd.**



**Sunipa Ghosh**  
Company Secretary & Compliance Officer  
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Encl: a/a.

## Geometric Limited

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## Media Release

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For Immediate Release

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### **Geometric Americas Launches CAMWorks® 2017**

*The newest release of CAMWorks continues to demonstrate leadership in reducing CNC programming times as well as the automation of CNC programming tasks, and leads the way in CAM for Smart Manufacturing and Industrie 4.0 initiatives by embracing MBD and PMI.*

**Scottsdale, AZ, November 14, 2016:** Geometric Americas, Inc. today released CAMWorks 2017 with significant additions to the software focusing on customer needs and worldwide manufacturing initiatives, such as Smart Manufacturing and Industrie 4.0. The new capabilities in CAMWorks 2017 are a result of more than 60 customer-driven enhancements.

“The additions to CAMWorks 2017 reinforce our vision of providing customers with a level of CNC programming automation well beyond the industry norm. As the design and manufacturing world continues to adopt SOLIDWORKS® Model Based Definition (MBD), Product Manufacturing Information (PMI), and worldwide initiatives like Smart Manufacturing and industry 4.0, CAMWorks will lead in providing faster Design-to-Manufacturing solutions,” said Jim Foster, CAMWorks Vice President Channel Sales and Marketing.

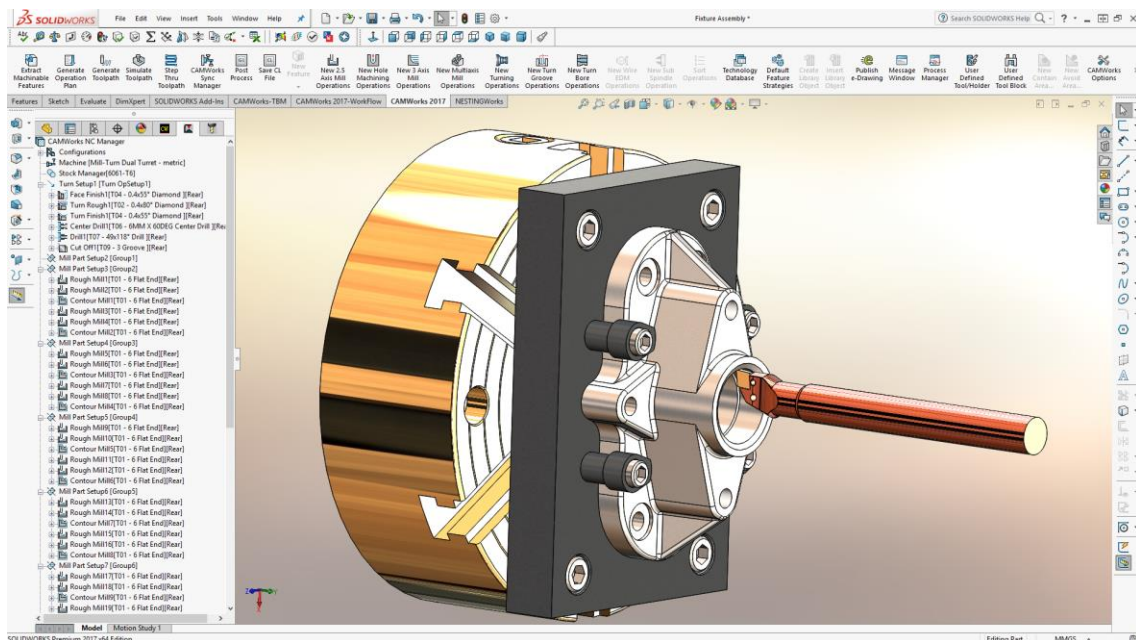
Some of the most significant enhancements to CAMWorks 2017 include:

**Tolerance Based Machining (TBM)** – Uses tolerances and non-geometric data in a 3D CAD model to select optimal machining strategies and create toolpaths automatically. CAMWorks unique TBM capability leverages SOLIDWORKS MBD and DimXpert information to read annotations from a SOLIDWORKS 3D model and use the annotations to, automatically selects the tools, feed and speed required to develop optimal toolpaths. TBM can increase productivity by as much as 70% or more over traditional CNC programming methods while providing the ability to capture and re-use best practices. It also improves quality by automatically selecting the best machining strategy to meet the required quality requirements.

**CAMWorks High Speed Machining, VoluMill™ Milling Advisor** – Provides recommended feed and speed parameters to maximize the performance of VoluMill high-speed machining.

**Chuck and Fixture Definition** – Provides the ability to use chucks and fixtures designed using SOLIDWORKS parts and assemblies or STL files for toolpath simulation and collision detection in Mill-Turn and Turning. The chucks and fixtures can be moved or rotated in x, y, and z directions with respect to the Fixture Coordinate System (FCS) of the current part, ensuring that the chuck or fixture is properly aligned with the current part. SOLIDWORKS configurations of the chucks and fixtures are also supported.

**3D Interconnect in SOLIDWORKS and CAMWorks Solids** – Provides a continuous path of associativity from 3D model changes in all leading 3D CAD formats through automatic updating of toolpaths that dramatically speeds up re-programming as parts change.



**SOLIDWORKS Integration** – Tighter integration with SOLIDWORKS ensures that the design and manufacturing models are one and the same. SOLIDWORKS and CAMWorks are fully associative in all aspects including API Automation with SOLIDWORKS partner products such as DriveWorks, Configurations, MBD, and DimXpert annotations, meaning that any change made to a 3D model in SOLIDWORKS on the design side will automatically be reflected in CAMWorks on the manufacturing

side. With this strong connection, machining strategies in CAMWorks are based on annotations from the MBD data provided by DimXpert in SOLIDWORKS. 3D Interconnect in SOLIDWORKS provides associativity to all major CAD formats, from geometry level changes through toolpath generation, dramatically reducing CNC re-programming efforts.

**About CAMWorks:**

Geometric Americas Inc. is an established developer of innovative CAD/CAM products that include CAMWorks®, which was introduced in 1997. This state-of-the-art solids CAM product is designed for product-oriented manufacturing companies, and is available for machining centers, turning, mill/turn, and wire EDM applications. CAMWorks with Machining Intelligence is the most advanced CAM programming software available for getting products to market faster, more efficiently, and within budget. CAMWorks is a next generation best-in-class CNC programming solution that enables users to program smarter and machine faster. For more information: [www.camworks.com](http://www.camworks.com)

**About Geometric:**

Geometric is a specialist in the domain of engineering solutions, services and technologies. Its portfolio of Global Engineering services, Product Lifecycle Management (PLM) solutions, Embedded System solutions, and Digital Technology solutions enables companies to formulate, implement, and execute global engineering and manufacturing strategies aimed at achieving greater efficiencies in the product realization lifecycle.

Listed on the Bombay and National stock exchanges in India, the company recorded consolidated revenues of Rupees 12.33 billion (US Dollars 188.49 million) for the year ended March 2016. It employs over 4700 people across 14 global delivery locations in the US, France, Germany, Romania, India, and China. Geometric has been assessed at Maturity Level 3 for CMMI 1.3-Development and CMMI 1.3-Services for its Software and Engineering Services business units and is ISO 9001:2008 certified for engineering operations. The company's operations are also ISO 27001:2005 certified.

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