# Topcon introduces next generation machine control

*LIVERMORE, Calif. – February 3, 2016 –* Topcon Positioning Group announces the release of a new 3D dozer machine control system — 3D-MCMAX. The system is driven by dual IMUs (Inertial Measurement Unit) designed to increase on-grade performance where speed and blade response is maximized, while eliminating the need for a mast on the blade.

“The 3D-MCMAX is the next generation of dozer grading solutions that redefines the concept of machine control,” said Jamie Williamson, executive vice president and general manager of the Topcon Precision Automation Group. “It provides high-accuracy elevation, slope, and blade rotation sensing in an integrated configuration resulting in maximum speed, maximum control and maximum grading performance.”

The system is designed to let operators work confidently in rough or fine grade applications, slope conditions, and in restricted sight environments without the visual obstruction of masts or risks to hanging cables.

“This advanced system is a result of our clear understanding of how technology is driving the evolution of the construction world, and focusing our improvements on smart algorithms in our firmware and software to increase the productivity of the hardware — a full systems approach,” said Williamson. “The added bonus is a clean integration onto the equipment. Gone is the need for daily installation and removal of antenna, cables, and mast. With 3D-MCMAX, the operator just climbs on and gets to work — downtime is minimized.”

The system uses time-proven Topcon 3D-MC2 technology with the dual IMU sensors and new, unique algorithms to deliver an integrated solution that locates the sensitive GNSS technology safely inside the cab instead of out on the harsh environment of the blade.

3D-MCMAX is currently available for Caterpillar dozers. Contact your local Topcon machine control dealer for specific details. Go to [topconpositioning.com](https://www.topconpositioning.com/) for dealer information.

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**About Topcon Positioning Group**Topcon Positioning Group is headquartered in Livermore, California, USA ([topconpositioning.com](http://www.topconpositioning.com/)). Its European head office is in Capelle a/d IJssel, the Netherlands ([topconpositioning.eu](http://www.topconpositioning.eu)). Topcon Positioning Group designs, manufactures and distributes precise positioning products and solutions for the global surveying, construction, agriculture, civil engineering, BIM, mapping and GIS, asset management and mobile control markets.  Its brands include Topcon, Sokkia, Tierra, Wachendorff Elektronik, Digi-Star, RDS Technologies, NORAC and 2LS. Topcon Corporation ([topcon.com](http://global.topcon.com/)), founded in 1932, is traded on the Tokyo Stock Exchange (7732).

**Press Information**

Topcon Positioning Group

[news@topcon.com](mailto:news@topcon.com)

USA: Staci Fitzgerald, +1 925-245-8610