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# TETRIX® MAX Mecanum Wheels

New wheels from Pitsco Education improve mobility of TETRIX® MAX robots

PITTSBURG, KS (May 23, 2019) – Maneuvering your robot just got a little easier, thanks to Pitsco Education’s new TETRIX® MAX Mecanum Wheels.

The Mecanum wheels are an exciting extension to the already robust TETRIX line. “After receiving several types of feedback, we knew we needed to develop a more versatile wheel for TETRIX,” said Pitsco’s R&D Manager Paul Uttley.

*Built with a durable Delrin plastic inner core and heavy-duty anodized aluminum roller plates, TETRIX® MAX Mecanum Wheels are designed for heavy use and intense competition.*

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These wheels have nine free-spinning rollers, each set at a 45-degree angle and designed to be used on a four-wheel robot with each wheel being controlled by a DC motor. This omnidirectional drive system gives the robot the ability to move instantaneously in any direction, resulting in multiple advantages in terms of mobility in narrow or crowded spaces – especially when navigating around obstacles or scoring on the competition field.

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Hubs feature a 6 mm D-shaft compatible with the TETRIX TorqueNADO® Motor and 6 mm axles.



*TETRIX® MAX Mecanum Wheels from Pitsco Education debuted at the 2019 FIRST® Championships in Houston, TX, where they piqued the curiosity of FIRST Tech Challenge teams from around the world.*

Designed for Grades 9-12, the TETRIX MAX Mecanum Wheels are currently on presale and will be delivered when available.

**Highlights/Multimedia:**

- Order your **TETRIX MAX Mecanum Wheels:** [Pitsco.com/Shop/TETRIX-MAX-Mecanum-Wheels](https://Pitsco.com/Shop/TETRIX-MAX-Mecanum-Wheels)
- Find **TETRIX systems, curriculum, and parts:** [Pitsco.com/TETRIX](https://Pitsco.com/TETRIX)
- **Pitsco Education:** [Pitsco.com](https://Pitsco.com)

*Pitsco Education is the leading provider of K-12 hands-on STEM solutions. STEM education prepares learners for the future through the integration of science, technology, engineering, and math concepts using relevant hands-on applications to connect school, community, and work. Our various products, activities, curriculum, and solutions promote positive learning experiences and continued classroom success.*

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