

By Patty Cooke, Communications Assistant • pcooke@pitsco.com



# TorqueNADO™:

## Taking the robotics world by storm

As you've probably heard, Pitsco's TETRIX® MAX building system now features the powerful TorqueNADO™, a 12-volt DC motor with 100 rpm, 700 oz-in. of torque, and a built-in, high-resolution Hall effect encoder. What you might not know is that the TorqueNADO can be a game changer for competitions and in the classroom.

"We looked at the most popular motors, and we wanted to exceed the performances of these motors in every aspect that we could," said Tim Lankford, TETRIX robotics application specialist. "Not only did we succeed with that, but we did it by a significant margin."

Built for and approved by global robotics competitions such as FIRST® Tech Challenge and the WRO™ Advanced Robotics Challenge, the TorqueNADO nicely complements the unmatched durability of the TETRIX MAX system. But it works just as well in the classroom.



"While the TorqueNADO was built from the feedback of robotics competitors, the implications for this motor in the classroom are huge," said Lankford. "The built-in encoder allows students to easily transition from R/C robotics to autonomous robots without a bunch of add-ons to the motors to make them programmable. Just plug it into the PRIZM® controller and go."

In fact, the TorqueNADO can be used with any autonomous robotics controller – and it's ready to go right out of the box. That makes for quick power in the competition arena and easy coding lessons in the classroom.

And with additional features such as a high-strength gearbox and a heavy-duty Powerpole connection, this motor is bound to boost your robotics program, whether it's in the classroom or on the competition field.

Ready to increase the power of your robotics program? Contact International Sales Manager Mohit Abraham at [mabraham@pitsco.com](mailto:mabraham@pitsco.com). 