

Giro Bike Helmets Sponsor at 2016 Rio Olympics

by Mitch Bossart, Industry Writer for GoEngineer

The 2016 Rio Olympics begin today!

August 5th marks the first day of the 2016 Rio Olympics and we are pumped for our team—USA! USA! USA!

Giro, a GoEngineer customer, is sponsoring athletes with their products in the 2016 Rio Olympics.

Giro Bike Helmets



Figure 1: Giro Air Attack helmet in wind tunnel for aerodynamic testing.

Since 1985, **Giro** has been on the forefront of aerodynamic helmet design to improve athletic performance and will be sponsoring several athletes in the [2016 Rio Olympics](#).

Competitive racing helmets, in particular, require an “engineering heavy” product development environment. Look and feel are also considered but are secondary to aerodynamics—the key to winning races.

“We always get our industrial design team involved in the design of our competitive helmets because we want our products to maintain the distinctive look of the Giro brand,” says Rob Wesson, Sr. Director of Research and Development. “But when it comes to helmets used in competitions, our engineers provide a baseline of requirements on the front end to ensure top athletic performance.”



Figure 2: The Giro Aerohead helmet is the company's most aerodynamic product, often used in time-trial events.

Competitive helmets, such as the Giro Aerohead (Figure 2), are geared toward achieving maximum aerodynamic savings. Most of a bike racer's power output is used to overcome aerodynamic drag; less power consumption means more endurance for the athlete.

Giro uses [SOLIDWORKS 3D CAD](#) and [EPDM](#) provided by GoEngineer.

Giro leverages GoEngineer's expertise for SOLIDWORKS training and for implementing EPDM. “We have multiple locations across the country, so the EPDM implementation was a challenge, but GoEngineer helped us each step of the way,” says Wesson. “Traceability is important for a company that sells safety-related products, and EPDM makes it easy to find files, no matter when and where they were created.”



Figure 3: The Giro Synthe helmet is often used in road racing for its perfect balance of ventilation and aerodynamics.

Best of luck to the Giro-sponsored athletes!

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About Mitch Bossart, Industry Writer for GoEngineer

A professional writer for GoEngineer, a company that provides SOLIDWORKS, Stratasys 3D printing, and other best-in-class engineering and manufacturing solutions. Mitch is a technology enthusiast, and he loves writing about people and companies that are shaping our world. You will find Mitch at various coffee shops throughout the Minneapolis/St. Paul area—writing, socializing, or dreaming about the next great American screenplay.

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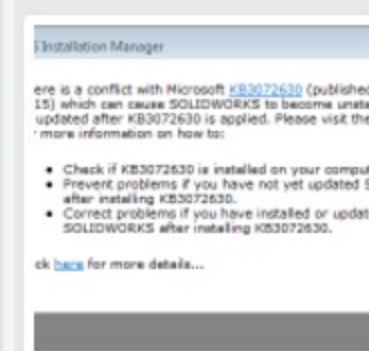
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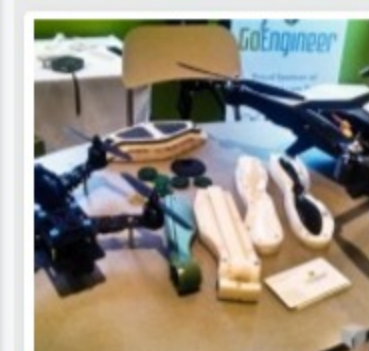
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