



Tesla Showcases “Godzilla” Robot

One of the largest industrial robots in the world, Tesla's Godzilla robot transports complete car bodies to the paint shop line. Watch it in action in this factory tour video.



Did You Know You Could Make Steel Out of This Green Element?

Steel was discovered around 4,000 years ago. However, traditional manufacturing methods using fossil-fuel-based furnaces are being replaced with greener alternatives.

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Super High Response Speed Servo Valve

With “Dual Halbach Magnet Array” configuration, which makes the strongest magnetic field more than twice as much as the conventional model. Santest Direct Acting Servo Valve has achieved world-class highest frequency response speed of 800Hz. DA Series also has excellent contamination resistance. Find out more about how this patented servo valve works.

[Learn More](#)



How to Get a Full-Color 3D Printing Quote with Xometry

Getting full-color 3D prints with Xometry is quick and easy. Our latest video explains how to prepare a color file and order your full-color 3D-printed parts in just four steps.

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Avoid These 9 Procurement Process Mistakes

We live in an era of tightening budgets and increasing demands. To survive, companies need to remain competitive while continuously innovating — no matter their size. Here are nine procurement process inefficiencies and how to fix them.

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TwinCAT Controller Redundancy: Controller redundancy with standard hardware components

Plant availability plays a crucial role in the process industry in particular, so building redundancy into automation technology designs is vital. This is why Beckhoff expanded its extensive range of solutions in this area to also include a software solution for redundant control operation: TwinCAT Controller Redundancy.

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Wilson Creates a Futuristic Basketball That Will Never Go Flat

Wilson's 3D-printed, airless basketball prototype made a grand entrance at the NBA All-Star Slam Dunk Contest. But will the futuristic basketball be used on professional courts in the future?

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Large Pumping of Condensable Gases with New Multi-Stage Roots Pumps

The pumps are designed for oil- and particle free applications in the pressure range between its atmosphere up to 3x10⁻² hPa. With their built-in intelligence it allows high pumping speed at high pressure. The pumps from Pfeiffer Vacuum meet the requirements where clean and dry vacuum is needed like drying, sterilization, coating as well as semiconductor and R&D applications.

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Video: Learn Injection Molding in 3 Minutes

Are you new to the injection molding process, or do you have a colleague who needs to learn the basics? Give us 3 minutes, and we'll walk you through the injection molding process, including how it works and its benefits.

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New Stainless Steel CNC Materials from Xometry

Explore all new stainless steel and resin options for CNC machining. Find cost-savings for 300 series steel, as well as new tempered steel options and ULTEM 1000. Get an instant quote today and build your big ideas with Xometry.

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Why the Moon Needs Its Own Time Zone

Currently, time in space is calculated based on the time on Earth. But with plans by NASA to establish a human presence on the moon, it might be time to create a Lunar Standard Time.

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