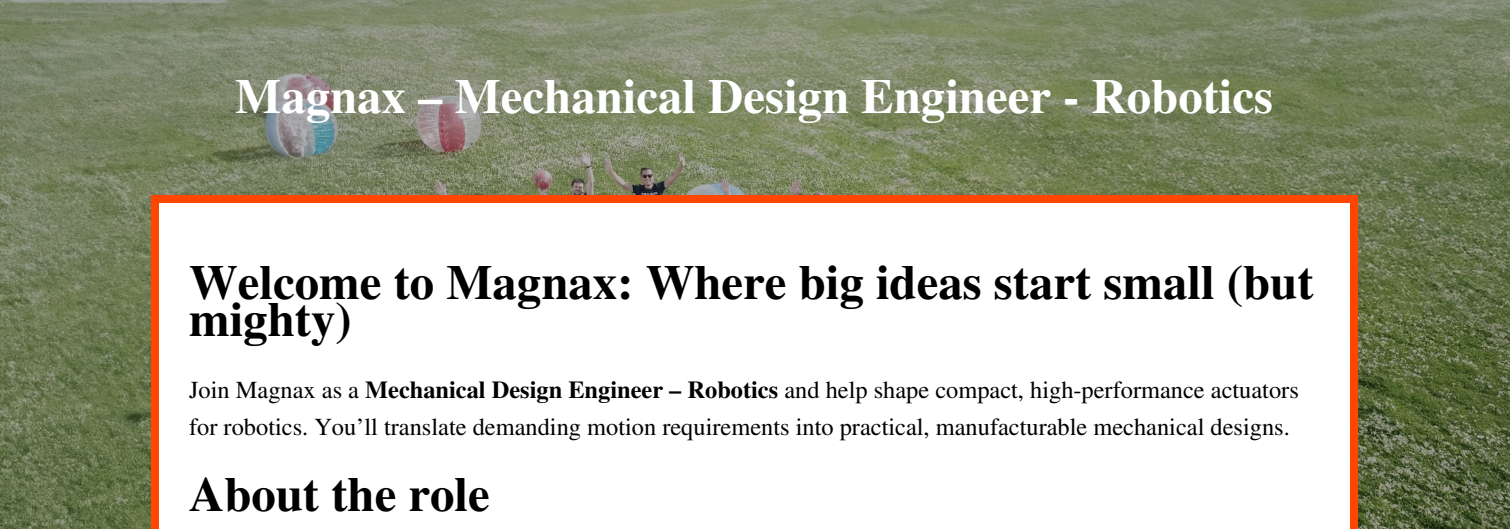




Magnax – Mechanical Design Engineer - Robotics

Welcome to Magnax: Where big ideas start small (but mighty)

Join Magnax as a **Mechanical Design Engineer – Robotics** and help shape compact, high-performance actuators for robotics. You'll translate demanding motion requirements into practical, manufacturable mechanical designs.

About the role

This is what you'll do:

- Design and develop mechanical solutions for robotic systems, from concept through prototype and production.
- Create detailed 3D CAD models and 2D manufacturing drawings, applying relevant industry standards and GD&T.
- Perform and support mechanical calculations and design verification to ensure performance, reliability, and durability.
- Work closely with suppliers and subcontractors on components, manufacturing processes, tolerances, materials, and specifications.
- Support prototype builds, testing, troubleshooting, and continuous design improvement.

Who are we looking for?

- Master's degree in Mechanical or Electro-Mechanical Engineering, or equivalent experience.
- At least 3 years of professional experience in the design and development of robotic systems, actuators, or precision motion systems.
- Proficient in Siemens NX, Teamcenter PDM, or similar CAD/PDM tools.
- Strong understanding of robotics system requirements and performance specifications, with the ability to translate payload, speed, torque, force, power, accuracy and duty cycle into mechanical design requirements.
- Strong awareness of the latest trends and technologies in robotics, with a good understanding of emerging robotic architectures, actuation technologies, and motion solutions.
- This position requires existing work authorization in Belgium.
- A team player with a can-do mentality, creative mindset, and fluent English.

Why join Magnax?

You'll work on the intersection of axial flux motor technology, robotics and precision motion in a fast-moving R&D setting. Expect close collaboration with simulation, test and prototyping colleagues and the chance to see your designs come to life.

<https://www.traxial.com/careers>