

Mechatronics Engineer Sustainable Infrastructure - Tires

Your tasks

We are looking for a passionate **Mechatronics Engineer** to join our team and help drive the transformation of industrial infrastructure through **automation, digitalization, energy efficiency, and sustainability**.

This role offers a unique opportunity to work at the intersection of **Industry 4.0 technologies, smart infrastructure systems, and sustainability initiatives**, contributing directly to operational excellence and cost optimization.

You will combine technical expertise in automation and industrial data systems with a growing focus on energy performance, sustainability reporting, and renewable energy initiatives. Your work will directly support better decision-making through reliable infrastructure data, increased transparency, and measurable sustainability outcomes.

Key Responsibilities:

Infrastructure Automation, Digitalization & Supplier Management (50%)

- Develop, maintain, and continuously improve automation and monitoring solutions for industrial infrastructure and utility systems for high efficiency and cost saving.
- Support and optimize PLC/SCADA-based platforms, including Siemens S7-1500 controllers, HMI applications, and industrial communication networks.
- Enhance data acquisition and integration from utilities, metering systems, building management systems, PLCs, and energy monitoring platforms.
- Design and improve dashboards, reports, and data visualization tools to increase operational transparency and support business decisions.
- Diagnose and resolve automation, communication, and data-related issues while driving sustainable long-term solutions.
- Evaluate and coordinate automation projects, balancing internal capabilities, external resources, costs, risks, and implementation timelines.
- Manage external suppliers and integrators involved in programming, commissioning, troubleshooting, and system upgrades.
- Ensure technical specifications, deliverables, and acceptance criteria are clearly defined and successfully achieved.
- Contribute to continuous improvement initiatives related to utilities and infrastructure systems, including HVAC, compressed air, steam, water, and electrical distribution.

Energy Data, Green Certificates & Sustainability Programs (50%)

- Support Green Certificates and renewable energy initiatives through data preparation, documentation management, evidence collection, and stakeholder coordination.
- Collect, validate, and analyze energy consumption data across



Job ID
REF98105R

Location
Timișoara

Leadership level
Leading Self

Job flexibility
Hybrid Job

Legal Entity
S.C. Continental Automotive Products S.R.L.

electricity, gas, steam, water, compressed air, and other utility systems.

- Support internal and external audits by providing accurate documentation, structured datasets, and technical evidence.
- Contribute to sustainability reporting activities, KPI management, energy performance tracking, and improvement plans.
- Collaborate with authorities, consultants, auditors, utility providers and internal stakeholders for reporting accuracy.
- Translate technical and energy-related information into clear business insights, improvement opportunities, and cost-saving initiatives.
- Improve data quality, reliability and transparency to support sustainability and investment decisions.
- Support projects focused on energy efficiency, renewable energy integration and infrastructure optimization.

Collaboration & Exposure

In this role, you will work closely with multidisciplinary teams including for example:

- Utilities & Infrastructure
- Electrical Engineering
- HVAC & Facilities
- Sustainability
- Purchasing
- Finance & Controlling
- Corporate Functions
- External Suppliers, Consultants, Auditors, and Authorities
 - The position offers broad organizational exposure and the opportunity to influence both operational performance and sustainability strategy

Your profile

What We Are Looking For:

Required Qualifications

- Bachelor's or Master's degree in Mechatronics, Automation, Electrical Engineering, Mechanical Engineering, Industrial Engineering, Energy Engineering, Computer Science or a related field.
- Understanding of industrial automation systems, PLCs, SCADA platforms, industrial communication protocols and data acquisition systems.
- Strong analytical and problem-solving skills with the ability to connect technical solutions to business outcomes.
- Structured approach to data management, documentation and project follow-up.
- Good communication and stakeholder management skills.
- English proficiency (minimum B2).
- **Nice to Have**
 - Experience with Siemens S7-1500, SCADA systems, SQL databases, Power BI, or similar reporting and analytics tools.
 - Exposure to energy management systems, utilities engineering, sustainability reporting or Green Certificates processes.
 - Knowledge of industrial infrastructure systems, including HVAC,

compressed air, steam, water, or electrical networks.

- Experience working with external suppliers and technical service providers.

Our offer

What we offer:

- 13th salary
- Performance bonus
- Christmas & Easter bonus
- Seniority bonus
- Flexible working time;
- Home office;
- Competitive salaries & benefits;
- Health & wellness (Life Assurance, Private Health and Dental Insurance, Sport activities, Canteen, 24/7 Helpline with Psychologists etc.);
- Different discounts (tires, glasses, medical, shopping, etc.)
- Relocation bonus for non-Timisoara Residents
- Professional development opportunities (in Technical and Leadership Areas);
- International Work Environment & Traveling Opportunities.

Ready to drive with Continental? Take the first step and fill in the online application.

About us

Continental develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent and affordable solutions for vehicles, machines, traffic and transportation. In 2024, Continental generated sales of €39.7 billion and currently employs around 190,000 people in 55 countries and markets.

With its premium portfolio in the car, truck, bus, two-wheel and specialty tire segment, the Tires group sector stands for innovative solutions in tire technology. Intelligent products and services related to tires and the promotion of sustainability complete the product portfolio. For specialist dealers and fleet management, Tires offers digital tire monitoring and tire management systems, in addition to other services, with the aim of keeping fleets mobile and increasing their efficiency. With its tires, Continental makes a significant contribution to safe, efficient and environmentally friendly mobility.