We want to help the planet Do you?

Turbulent water turbines can help save the planet by providing clean, reliable energy in a cost-effective way.

We are looking for our new

Mechanical Engineer

Turbulent brings clean and affordable electricity to remote locations by pioneering in low head hydropower. Our turbines are compact and easy to install, whatever the site conditions. We are building a worldwide distributor network while centralizing our operational and R&D activities in Leuven.

To prepare for a rapid growth in turbine installations we want to extend our team with a mechanical design engineer, able to grow into a production coordinator.

Your role

Your role will be two-fold:
1. Starting from our existing line of turbines, you will implement product improvements. You perform mechanical calculations, design components and assemblies, create production drawings, assembly manuals and quality procedures. As such you will actively contribute to a modular and qualitative line of standard turbines. From time to time, you will also work on custom turbine designs. (40%)

2. Gradually you will take on tasks to coordinate the production of our turbines. You gather the production specs and coordinate all suppliers to deliver our turbines within the expected timeframe and within budget. You organize the production process from start to finish including supplier-side quality control. You ensure we deliver our turbine with complete and correct manuals and documentation. Once produced, we need to ship and install. You will play a key role in these stages as well so we can build a full-process quality manual for operations in the coming year. (60%)

Key responsibilities:

- Mechanical design
- Implementing product improvements

- Creating 2D production plans, manuals, and instructions
- Production of turbines (single units and batches)
- Supplier management
- Leadtime & price negotiations
- Transport management
- Quality assurance (from start to finish)
- Feedback loop from production – assembly – installation towards development

Your profile

- Higher degree in engineering science, engineering technology, or industrial design
- At least 5y experience with design and production of products
- Expert in SolidWorks (or similar)
- Solid understanding of metal production techniques, materials, tolerances, relevant norms
- Good technical writing skills
- Able to work in an organized, accurate, and independent way
- Fluent in English
- Able and willing to travel abroad for supplier visits

Traits

Your key competences are a mixture of customer orientation, strong communication skills, diplomacy, decisiveness, sharp eye for improvement and strategic thinking with a pragmatic, hands-on approach. You are a fast learner and take ownership of your work.

Why join us?

We offer a multi-cultural and flexible environment where the boundaries of technology are often challenged. You will get the thrilling experience to see your own designs being produced, installed, and finally contributing to a more sustainable world.

As Turbulent grows, you can grow with us and get the opportunity to take on a great responsibility and become a key member in our operations.
Besides a competitive salary, you will also receive meal vouchers, home office compensation, hospitalization insurance, group insurance, etc.

Due to the many advantages of our technology, Turbulent is gaining more and more visibility on the international market, offering worldwide travel opportunities.

Location
At Turbulent headquarters in Leuven, Belgium. We are flexible with remote work and working times.

Apply
Send your application together with your CV to **jobs@turbulent.be.**
If you have questions, please also contact us via e-mail.
By applying, you confirm that you have read and understood our privacy policy about GDPR and agree to its content.