



# Mechatronic Engineer - Multi Tower Company

---

## BLUE OCEAN ROBOTICS ApS

Number of openings: 1  
Advertisement publish date: 04/05/2017  
Application deadline: 08/06/2017  
Start date of employment: As soon as possible

---

The world's coolest patient lifting robot is looking for a Mechatronic Engineer

Are you ready to join a robotics startup company with a highly innovative profile, where only the sky is the limit? Then you are our candidate. Do not hesitate to send in your job application now as we employ as we receive applications.

The Multi Tower Company has just been spun out of Blue Ocean Robotics, where our ground-breaking patient moving robot has been conceptually developed. Funding has been raised and customers are looking eagerly forward to see the first robot in action. Hence, the design and manufacture of the first version of the Multi Tower Robot is ready for lift-off.

The collapsible, multi-functional Multi Tower Robots will replace the existing stationary overhead lifts in hospitals and in adult day care. Today's solution have limited range and are expensive to integrate in building structures. In making the robots flexible and modular, they will become the ultimate performers in the market for lifting and transferring patients e.g. to bath rooms, diagnostics, therapy, and rehab. We will make it variable in size (collapsible), with a small footprint (both collapsed and unfolded), which will enable gentle and effortless moving of the patients. An omnidirectional motoric system will make it able to manoeuvre in confined areas.

Together with one of our potential future customers, University Hospital in Køge, the concept and the business model were developed, in close collaboration with their clinical staff and patients. The aim is to augment the patient's well-being while temporarily hospitalized, to improve working conditions of the clinical staff, and to optimize hospital resources. The global demand is immediate and huge, Denmark alone will need more than 2000 robots in the near future.

The ideal candidate

As Mechatronics Engineer, you have documented skills and hands-on experiences in designing and integrating medium to large scale robots or automation systems. You have worked in or managed small, enthusiastic, diverse and interdisciplinary R&D project teams. You are not afraid of

having many balls up in the air. Customer mindset, finishing deadlines and product focus are natural things for you. We expect you to be flexible and a fast learner, just like our robot is going to be. You see the great possibilities in our robot, and you are attracted by the prospects in becoming part of a have you on board in our dynamic team, that is continuously evolving. Our working environment is busy, enthusiastic, and full of great complex tasks that are tackled and solved in close collaboration with experienced robot developers from Blue Ocean Robotics.

You are a well structured as a person, you like to work independently as a part of the Multi Tower team, which is innovative, likes creative thinking, has open minds and is very international.

In addition we expect you to bring some of the following experience and characteristics:

You hold a degree in a relevant discipline of engineering

Great knowledge of CAD design in Autodesk Inventor or similar.

You know how to Integrate electrical & mechanical components / systems into an overall product design.

You can operate with a high level of autonomy. You can interact effectively with the team members and other areas of the business including manufacturing, quality, operations, procurement and supplier alliance to ensure the products being developed at its best.

You are not afraid of getting your hands on and using a screwdriver or a soldering iron when deadlines approach

Writing and keeping documentation up-to-date

It's great if you have experiences in C/C++ or Python

We hope you are an all-round executor in robotics and software

Some knowledge of ROS and a know-how in Linux drivers development

You should have SCRUM task management

Experience with real robot systems could help us a lot

This is what we offer

At Multi Tower we have an international working environment. Different nationalities and cultures are represented in an incredible desire and eagerness to develop the best and most value-creating robots to a global market. We respect each other and our differences. We take pride in integrating expat colleagues in collaboration with Blue Ocean robotics, Odense Robotics and the International Community Odense.

Multi Tower Company has a startup spirit which is second to none. We are fast-paced, super dynamic and have a flat work hierarchy. We have high expectations for each other and take great pride in creating the world's best robot solution for hospitals and day care. Check out some of your new colleagues from Blue Ocean Robotics, whom you will work closely together with:

<https://goo.gl/BbkLkC>

You will get free laptop computer and mobile phone. You will have reasonably flexible working hours.

For further information regarding the position, please don't hesitate to contact CEO/CTO Arnd Baurichter, via email: [ab@multi-tower-company.com](mailto:ab@multi-tower-company.com). Also, make sure to follow our latest news on LinkedIn.

We need you to start as soon as possible, so please do not wait with submitting your application and CV.

Let's lift-off and move.

Apply here:

<http://blue-ocean-robotics.com/careers/mechatronic-engineer/>