

Vacant position in Stockholm, Sweden:

Laser Engineer - Cobolt AB, a part of HÜBNER Photonics



Have you ever considered a career in advanced fiber amplifier development?

HÜBNER Photonics is expanding its R&D organization and is looking for a motivated Laser Engineer to join the R&D team at Cobolt AB in Stockholm, Sweden. As part of HÜBNER Photonics, Cobolt develops, manufactures, and supplies high-performance lasers and laser systems for demanding applications, including life sciences, AR/VR, quantum technologies, and semiconductor manufacturing. Our products are used by system suppliers and leading research institutes worldwide and are recognized for their exceptional quality and reliability.

Position Overview

As a Laser Engineer, you will be at the forefront of developing advanced laser systems based on fiber amplifier technology. You will work closely with colleagues across optics, electronics, software, and mechanical engineering to design, develop, and continuously improve high-performance laser systems. From initial concepts and optical design to prototyping, testing, characterization, and product implementation, you will play an integral role throughout the development process. The role offers a hands-on opportunity to work with advanced fiber amplifiers and laser technology in a highly collaborative, multidisciplinary environment.

Key Responsibilities

- Designing and developing new laser products based on fiber optics.
- Developing customer-specific solutions and adaptations
- Further developing and improving existing products
- Building and evaluating prototypes in a laboratory environment
- Performing testing, characterization, and verification
- Supporting production and sales with your technical expertise

Qualifications

We believe you are a structured and analytical engineer who enjoys hands-on technical work and solving complex problems in a multidisciplinary environment. You communicate effectively, take initiative, and are comfortable taking responsibility throughout the product development process.

We also expect you to have:

- A PhD or MSc in Physics, Optics, Photonics, or a related field, with a strong theoretical foundation.
- Extensive experience working with optical fibers, fiber amplifiers, or other advanced fiber-based optical components and systems.
- Strong knowledge of fiber optics, laser technology, physical optics.
- Experience with laboratory work, including building, testing, characterizing, and evaluating fiber-optic and laser-based systems and prototypes.
- Excellent written and spoken English and Swedish skills.

What we offer

At Cobolt AB, you will be part of the development, manufacturing, and sales of advanced laser products. Our Stockholm site brings together R&D, Manufacturing, Marketing and Sales, and Administration, creating a close connection between product development and production. Our R&D department in Solna consists of about 15 engineers specializing in CAD, laser optics, software, and electronics. You will join a professional and inclusive environment with high-level, complementary expertise, where employees take responsibility, share knowledge, and work together to solve challenging technical problems and turn innovative ideas into successful products. We offer a competitive compensation package, including pension contributions, healthcare insurance, and a wellness allowance, as well as opportunities for professional development and training.

Interested?

Please contact Sara Tecsí at sara.tecsi@tb-group.se

About us

HÜBNER Photonics is an international organization with offices in Stockholm (Sweden), Kassel and Hannover (Germany), and San Jose (CA, USA), and is a corporate division of the privately held HÜBNER Group, headquartered in Kassel. The Stockholm office is represented by Cobolt AB, which has been a subsidiary of the HÜBNER Group since 2015. Cobolt AB is responsible for the development, product management, and manufacturing of the Cobolt and C-FLEX product lines, while also hosting HÜBNER Photonics' sales office for the Nordic countries and the UK. Both HÜBNER Photonics and Cobolt AB are currently experiencing strong growth and are financially very stable. Cobolt AB is ISO 9001 certified for quality management and holds an AAA credit rating.