

Senior Mechanical Designer

Miyachi Europe BV – Helmond, The Netherlands

Miyachi Europe is looking for a Senior Mechanical Designer who will be responsible for the integral system design and the product documentation.

Your day-to-day tasks

- Render customer requirements in system and/or module specifications
- Support sales in preparing quotations with concept(s), material costs and reliable development effort estimations
- Create (sub) system concepts using multi-disciplinary point of view (motion, vision, software, electronics and mechanics), setup in CAD, and substantiated by necessary theoretical calculations.
- Contribute in project startup by defining work breakdowns and way of developing (motivated by technical risk assessment).
- Create (sub) system designs, based on defined concept(s). Product cost, CE regulations, manufacturability, serviceability, technical risk, project delivery time and development effort have to be taken into account.
- Delegate, control and verify design and product documentation of (external) designers; designs can also be realised by you personally.
- Outsource (sub) system design, in which case you have to define proper (sub) system performance specifications compatible with outsourcing, and controllable way of working.
- Deploy technical competences by guiding and coaching designers, qualification & service engineers, and trainees
- Support sales and service organisation as a technical specialist
- Maintain Development Tooling for mechanical design

As Senior Mechanical Designer, you should have a substantial track-record, typically 8 years or more, of achievement in designing complex automated systems, from early quotation and (pre-) concept phase up to system qualification, with maximum use of standard(ised) parts where appropriate.

You are skilled in development methodologies, tools of the trade and rendering customer requests in a reliable and competitive design. Your background is preferably in machine building, at bachelor or academic level and you have strong affiliation with mechatronics.

You are an analytical and practical thinker, creative, a team worker and have good communication skills to be able to inform concisely and comprehensively technical status and risks.

About Miyachi Europe

Miyachi is the market leader in developing, building and servicing machines and components for laser welding, laser marking, resistance welding, hot bar and systems. Miyachi solutions are an integral part of the production process to connect, to join, to automate, to identify or to customise components in a very reliable and very sustainable fashion. Miyachi products are in use in a variety of modern high-tech application fields. These application fields are our areas of expertise to the benefit of our customers' and our vendors' future growth in Automotive, IT & Multimedia, Electronics/Solar Cells/Batteries, Medical, Aerospace, and Defence.

If you are interested in this position please send an E-Mail with your full application to: humanresources@mec.miyachi.com.