



<https://www.youtube.com/watch?v=-SVZOFQNVl&t=25s>

<https://www.xelvin.com/2019/11/29/moving-overseas-to-make-dreams-come-true/>

EURESinterAction # 1

Mechanical Assembler laser systems #1

Our customer is one of the worldwide leading companies in the production and laser technology. Innovations from our customer determine the direction in machine tools for sheet and material processing in laser technology, electronics or medical technology. They set the technical standard and create for end users new and more production opportunities.

The development of new applications and more powerful machines, the rapid conversion of technical ideas in user oriented innovation, high quality and reliable advice to the customer characteristics.

The main responsibilities of the Mechanical Installation position are:

You assemble and test complex high tech mechatronic CO2 drive lasers. It concerns small series that are assembled inside a clean room environment. You are responsible for the effective and qualitative assembly of the final product according to planning. Any disturbances will be solved with your team. You take initiative within the production development of the modules and / or devices. You initiate assembly / production improvements.

We ask

- Completed technical education at Secondary school level, preferably mechatronics or mechanical engineering;
- Hands on work experience within mechanical, mechatronics, mechanics, assembly;
- You are passionate about technology and you are willing to work in a high tech environment with challenging technical projects;
- Good communication skills;
- Problem solving ability;
- Experience with vacuum technology is a plus;
- You can describe yourself as a true team player;
- You are proactive and flexible;
- You are willing to work in shift

Personal Skills:

- Take initiative, do not wait;
- Personality, with expertise, tact and determination to achieve results;
- Willingness to follow courses in Germany;
- Willingness to stay overnight during work shifts and schedules;

- Customer satisfaction is high on your agenda;

The basic salary which you will receive will be in the band width of € 2.650,- up to € 3.500,- gross per month (40 hours working week). This depends on your educational background and relevant work experience. TRUMPF engineers normally work in a shift cycle, which also offers extra shift allowance.

Below you find a overview of your main primary and secondary conditions for this position.

- Paid overtime & paid shift allowance
- 25 paid holiday days a year
- Public holiday, maximum of 7 per year. Those days are paid by Xelvin
- Holiday allowance of 8,33% over total gross year income
- Travel expense of 0,19 per km for travelling from your house to TRUMPF and back

EURESInterAction # 2

System Install Engineer #2

Location Veldhoven, Netherlands

Degree Bachelor or master

Experience 0-2 years

Travel 70%

Reference req21770

Introduction

Within the EUV Factory, the department System Install Engineering is responsible for the installation of ASML systems on site in accordance with strict quality norms and a strict delivery schedule.

Job Mission

To Install leading edge lithographic systems, at the customer site, within specifications, on time, with quality exceeding the customers' expectations.

Job Description

Equipment qualification of the scanner at the customer site :

Perform tests (calibrations and system qualification).

Work together with the NXE source install team to align the EUV Plasma/Light from the source into the scanner.

Transfer a fully tested and qualified scanner.

Note : Work in accordance with the installation sequence and installation procedures.

Perform administrative and coordination duties incl. reporting and technical escalations.

Contribute to the improvement loop of the EUV platform and processes.

Represent ASML at the customer site in a professional way incl. cultural awareness.

Qualification can take up to 6 weeks to complete.

Expected to travel 60 - 75% of the time to customers worldwide.

Expected to work inside the clean room, working with mechanical and electrical equipment.

Requirements :

High level of technical understanding and commitment to self learning.

Being open minded, team player and be able to use your own initiative (= self-sufficient).

Troubleshooting and solving system failures.

Note : Utilizing your own system knowledge and engineering techniques including contacting support engineering when required.

Drives to achieve high quality of work.

Acknowledges the need to work safe at all times.

Must speak/read/write English.

Ability to work in flexible shift patterns in VHN and at the customer site.

Commitment to remain within the install department for at least 3 years.

When not working abroad, the engineer is expected to assist Factory operations with the integration of the scanner.

Education

Bachelor or Master (starter: Mechatronics/Electronics or aerospace preferred)

Experience

Knowledge of mechanics, pneumatics, hydraulics, vacuum systems.

Knowledge of- or experience with electrical wiring/fibers.

Personal skills

Analytical thinker.

Flexible.

Stress resistant.

Structured.

Able to work independent as well as in a team.

Good knowledge of the English language.

Good communication skills with focus on reporting, understanding, influencing and supporting.

An interest in other technical processes.

Self-sufficient.

Awareness of various cultural differences.

Context of the position

The holder of this position reports to the Team leader System Install Engineering (SIE).

EURESInterAction # 3

Technical Support Engineer /production engineer #3

Introduction

Are you challenged by providing quality solutions for technical disturbances on Twinscan systems at factory and during Installation? And do you have hands-on experience and good analytical skills, complimented with a technical background? You better contact us today!

Manufacturing introduces, produces and delivers leading edge lithographic systems, related products and services in a continuously changing market, on time, against competitive cost, with quality exceeding customers' expectations.

Job Mission

We provide quality solutions for technical disturbances to secure delivery performance of our Twinscan systems.

We value mutual respect, teamwork, ownership, a proactive attitude and a continuous drive to improve. We are committed to all our customers and we are proud to strive for world class operations while having fun in our jobs.

Job Description

Support: Support the output versus planning end2end. First line hands-on trouble shoot support for volume production within Twinscan Factory and third line support for the install organization.

Machine technology: Have a detailed knowledge and overview of the status of all current volume machines that are actually produced including related technologies.

Planning: Plan analyses and solution of problems including consequences for Volume Production and field operation problems (recover sequence and/or PCS/Fishbone).

Problem Solving: Point out structural problems towards Process Improvement engineers to be solved structurally or to have a countermeasure.

KPI control: Monitor the quality and timing of problems and their implementation, including technical realization.

Knowledge transfer: Hands on knowledge transfer to Volume Production. Actively seek for knowledge within Pilot production.

Cooperation: Work closely together with other support departments to secure effective problem analysis and continuity.

Initiative: Takes the lead by executing plans, undertakes the right actions on time and takes action even when the chance of success is not totally clear.

Creative: Focus on finding more solutions to one problem, is able to perceive the problem on multiple ways and is able to think out of the box.

Multitasking: Delivers work with good quality and respects delivery deadlines, even when multiple tasks are executed at the same time. Demonstrates a systematic, professional and calm approach when executing several assignments.

Education

Higher Technical College/Technical University Graduate (Mechanical/Mechatronics/Electronics/Physics)

Experience

Hands-on experience in a technical production environment.

Preferably experience with trouble-shooting: analyzing problem, finding root-cause and determining solution.

Knowledge of quality improvement methods.

Knowledge and experience with (technical) project management.

Experience in problem analysis of products and processes.

Personal skills

Takes initiative, is goal oriented, is flexible

Takes ownership, has a pro-active attitude

Is prepared to travel in order to solve (potential) problems in the field.

Has analytical skills, works in a structured way and continues with present information.

Is service minded, good communicator/presenter on the different levels, team worker.

Context of the position

The TS Engineer reports to Groupleader TS.

Other information

You will be working in a superflex schedule (dayshift with occasional weekendshift), or 2-shift.

Expected to travel to customer site, for escalations and/or preventive support (travel up to 15%).

Please add your complete, recent CV and cover letter for this position to your application.

A motivation / cover letter is mandatory; why do you want to work at Technical Support?

We can't process your application without the above mentioned documents.

EURESInterAction # 4

Commissioning Engineer # 4

- Starting up and commissioning the driver laser systems, according to instructions and regulations.
- Checking the system systematically, following the prescribed protocols.
- Performing test runs and adjusting the system settings.
- Identifying commissioning and malfunction issues.
- Systematic and analytical trouble shooting.
- Investigating problems and diagnosing and correcting faults in (complicated) installations
- Carrying out machine safety checks and ensuring that the driver laser system complies with all safety regulations.
- Measuring and examining installed systems, using complex measuring equipment.
- Making sure the system is running and fully operational before handing over to SAT.
- Ensuring that the entire system works to its specifications.
- Verifying that the systems have been commissioned correctly into a completely running system.
- Reporting progress or possible problems to Technical Coordinator or responsible office staff
- Coaching and instructing less experienced engineers on performing the same tasks.

Product development

- Proposing possible product changes to simplify the commissioning, increase efficiency or to increase service possibilities.
- Reporting product improvements in additional documents.
- Giving feedback on received procedures.

Administration

- Writing test reports and filling in the respective documents
- Timely reporting of hours worked and provided work in SIS
- Correcting documentation and giving feedback to the respective department.

We ask

- Bachelor or master degree in electronics/mechatronics/mechanics/physics
- Knowledge of system building
- Knowledge of alignment and testing techniques
- Detailed knowledge of driver laser systems
- Knowledge of the English language