

nyloprint®

**WS
PRO**

Dry Offset printing plate for
the tube, cup and can market

Be
brilliant.

XSYS

Print solid. Stay flexible.

About XSYS

XSYS Prepress (leper), a division of XSYS Global, is a recognized leader in the design and production of Computer-to-Plate machines for the printing industry. For packaging, XSYS offers advanced digital sheet production lines known as ThermoFlexX and Catena.

We are looking for an experienced Optical Engineer who will strengthen our R&D team and contribute to the development of advanced optical systems for printing machines.

Work locations: leper, Belgium (80% presence required) and Willstätt, Germany.

Optical Engineer

Mission of the role & responsibilities

- Develop advanced optical systems for printing machines, in consultation with project leaders, product managers, and the R&D team. Designs are created in Zemax and transferred to SolidWorks in collaboration with a CAD designer
- Work with optical components such as lenses, mirrors, high/low-power fiber lasers, and LEDs. Machines require mechanical precision at the (sub)micrometer scale, requiring close collaboration with mechanics, electronics, and firmware teams
- Assemble optical test setups, prototypes, and subassemblies, transferring know-how to production and service teams

- Source specialized optical components in coordination with the purchasing department
- Continuously improve optical performance based on feedback from service and production teams
- Report directly to the R&D Director

Required qualifications

- Master's degree (or equivalent experience) in optics, photonics, or applied physics
- Minimum 10 years of relevant experience
- Strong understanding of optical principles; experience with Zemax is essential
- Programming skills (e.g., Matlab) are a plus
- Independent, structured, hands-on and passionate about technology
- Creative problem-solving and out-of-the-box thinking, combined with a collaborative mindset across R&D disciplines (mechanics, electronics, and software)
- Fluent in English; knowledge of Dutch is an advantage
- Stress-resistant and highly motivated

Benefits

- A modern, international working environment with flat hierarchies and short decision-making processes
- Development opportunities within the company
- Flexible working hours with occasional home office days
- An attractive compensation package
- Annual leave: 30 days per year
- A variety of employee benefits, e.g., bike leasing or health programs
- Hybrid work model: 4 days per week in the office, 1 day home office

Apply now