Company profile

ASML is a high-tech company headquartered in the Netherlands. We manufacture complex lithography systems that chipmakers use to produce integrated circuits (microchips). Every day, you use electronics that our machines help make possible – in fact, we may be part of the device you're using right now.

We're a global team of over 44,000 people of 148 different nationalities and counting. Headquartered in Europe's top tech hub, the Brainport Eindhoven region in the Netherlands, our operations are spread across Europe, Asia, and the US.

60+
Locations worldwide

€28.3bn
Total net sales in 2024

51.3%
Gross margin

21%
Women in entire workforce

€4.3 bn
R&D costs

44,027
Total employees (FTEs)

Changing the world, one nanometer at a time

In the past four decades, we've grown from a small startup into a multinational company with over 60 locations worldwide and annual net sales of €28.3 billion in 2024. Our customers include all of the world's leading chipmakers like Intel, Samsung and TSMC. We provide them with everything they need – hardware, software and services – to mass produce patterns on silicon through lithography.

Through the development of smaller, faster and more energy efficient microchips, our world has evolved. At ASML, we believe that the semiconductor industry is in a unique position to help tackle some of society's toughest challenges.

Extreme ultraviolet lithography

Working at the cutting-edge of technology offers unique challenges, driving our teams to innovate across all fields and disciplines. Over 20 years of sustained R&D brought us the development of extreme ultraviolet (EUV) lithography. As the only supplier of this advanced lithography technology, our engineers are responsible for continuing to develop and perfect these complex systems.

One example of this complexity is how EUV light is generated. First, a 30-kilowatt laser fires at tin droplets 50,000 times per second, hitting each droplet twice. The laser vaporizes the tin droplets, creating a plasma hotter than the surface of the sun. This interaction emits EUV light at a wavelength of 13.5 nanometers. And all of this takes place in a vacuum-sealed system.

From patterning nanometer-sized structures on a microchip wafer to creating light using lasers and liquid metal, the work we do can be hard to wrap your head around.

Cutting-edge innovation

Behind ASML's innovations are people who think ahead. Our researchers, engineers, scientists and manufacturing specialists, as well as our high-tech hardware and software experts, all work at the edge of what's possible.

We invest around €4.3 billion per year on R&D, meaning our teams have the resources to experiment, test and push the boundaries of technology. They work in close-knit, multidisciplinary teams, listening to and learning from each other.

A sustainable future

We contribute to the advancement of technology, and we're committed to helping develop a more sustainable future. Our strategic sustainability focus areas, including minimizing waste and maximizing resources and supporting corporate citizenship initiatives such as promoting technical education in the communities where we operate, form the foundation for how we conduct our business.

Own your career growth

With ASML, you can consider your career path a playground. We have various tools in place to support you in driving your own development, from classroom training to personal coaching, acceleration programs and more.

Doing what we do requires unique perspectives and innovative ideas. That's why we're proud to have employees from diverse backgrounds. As part of our team, you have freedom, trust and support to experiment and offer your creative point of view.

In our dynamic environment at the forefront of tech, we take your work-life balance and well-being seriously. We support you in taking the initiative to foster your health and happiness and make the most of your career with us.

If you want to join a dynamic, global collaboration committed to pushing technology to new limits, visit **asml.com/careers.**