


ASML

ASML

**Come change
the world
one nanometer
at a time**

**Meet the Dutch company
that's a global industry leader**

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We provide the semiconductor industry with everything it needs (hardware, software and services) to mass produce patterns on silicon.

Headquartered in Veldhoven, the Netherlands, our work at the nano and pico scale is a crucial step in mass producing computer chips. Our lithography systems use light to print tiny patterns on silicon, meaning what we do is at the heart of the electronic devices that keep us informed, entertained, and connected.

Our researchers, engineers and manufacturing specialists, and our hybrid of high-tech hardware and advanced software, operate at the edge of what's possible. That's why our customers include all of the world's leading chipmakers. If it's moving the world forward, chances are, we're behind it.

Extreme Ultraviolet Lithography (EUV) system



Generates EUV light with a wavelength of 13.5 nanometers

13.5 nm

Has around 1,500 sensors to capture imaging data

1,500

Generates around 4.5 terabytes of data per day

4.5 TB

Fires a 30 kW laser at tin droplets 50,000 times per second, hitting each droplet twice

30kW

Creates a plasma that's hotter than the surface of the sun

Hot

Does its imaging in full vacuum

Vacuum

Where fine detail meets big picture

ASML Facts

Year founded:
1984

Employees (in FTE):
24,900

Locations in 16 countries:
60

Different nationalities:
118

Net sales in euro:
11.8bn

Gross margin:
44.7%

R&D expenses:
2.0bn

Net income:
2.6bn

Come be a part of progress



Join our global collaboration, where creativity, diversity and a dynamic work environment are celebrated.

What we do is unique. We need a melting pot of different backgrounds, talents and expertise to make it possible.

If you're going to join our diverse team, bring your best ideas and act on them. You'll have the freedom, trust and support in your field to experiment and solve complex challenges. Things are rarely dull when you're constantly breaking new ground.

Join us in chasing tomorrow, today.



The sum of our parts is as important as the whole

We nurture talent, and value professional development and personal growth. In our fast-paced environment at the forefront of tech, we take your work-life balance and well-being seriously. At ASML, we support you in taking the initiative to foster your health and happiness and make the most out of your career with us. After all, a business is only as good as its employees.

Petar Georgiev



"I love the atmosphere at ASML. I work with people from different cultural backgrounds, different ages and all kinds of technical backgrounds. I get to learn a lot from them and I hope that they learn from me as well. You'll never get bored here."

Randjanie Rampadarath



"I have open discussions with my manager about my career path: will it be technical or managerial? Will I go into project or people management? ASML gives you many possibilities to explore your career."

Kasper Schulpen



"Our systems are complex and changing constantly. I am discovering new things all the time, so I'm always learning. Every time I walk into the cleanroom and look around I'm amazed by the high-tech environment I'm working in."



Discover the heart of ASML's innovation.

Internships

Complete your internship or graduation assignment at ASML. Use your education, gain experience and explore the world of high tech – all at the same time.

Scholarships

Our technical engineering scholarships provide support for the next generation of engineers that will continue to break new ground in tech. Gain the financial, personal and professional support to make the right choices for your future.

Events

From student excursion days to job fairs and lunch lectures, our career events offer the perfect opportunity to learn more about ASML. There are plenty of chances to talk to people with an engineering degree in your field of study. Discover in an informal setting if you'd like to join forces with us and become a part of progress.

Put your study to work

Read more about our opportunities for students at asml.com/students