

Singapore  
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# MEDIA FACT SHEET

## OVERVIEW OF ASM INTERNATIONAL

ASM International N.V. (ASM) is a leading supplier of semiconductor wafer processing equipment and process solutions, primarily for the deposition of thin films. ASM customers include all the top semiconductor device manufacturers in the world.

ASM designs, manufactures, sells, and services deposition tools to supply customers with the advanced technologies to produce semiconductor devices, or integrated circuits (ICs). They also provide maintenance service, spare parts, and process support to customers globally at their fabs.

ASM was founded in the Netherlands in 1968, at the very start of the semiconductor industry. Singaporean Benjamin Loh took over as CEO in May 2020.

The combination of ASM's continuous focus on innovation with its global entrepreneurship has led to ASM's unique structure, with centres of excellence close to customers around the world, and centralised manufacturing in Singapore.

ASM is a major player in the ALD segment, a strongly growing position in the epitaxy segment, and a niche player in vertical furnace and PECVD. ASM has a leading position in these fields, making it possible to create ultra-thin films of exceptional material quality, uniformity and conformality for semiconductors in products such as mobile applications and electric vehicles.

## ABOUT ASM

- Leading player in advanced technologies in the semiconductor equipment market
- A heritage of 53 years of relentless research and innovation, and breakthrough technologies
- 649 employees working in R&D and €206 million gross R&D expenses
- Target to achieve Net Zero emissions by 2035, with 100% renewable electricity by 2024
- ASM is present in **14 countries** across three continents, with key customers in **Asia, US, and Europe**
- Suppliers in more than **20** countries, and 3 manufacturing facilities in **Singapore, South Korea and The Netherlands**

## ASM SINGAPORE

ASM has global manufacturing sites in Singapore, the Netherlands, and South Korea. With the launch of state-of-the-art facilities like Singapore, ASM's manufacturing footprint and capacity have increased steadily through initiatives such as innovative line design, modular test expansion, and facility enhancements.

ASM broke ground for a second manufacturing floor in the new Singapore facility at Woodlands Height, which is expected to be ready for production in early 2023. This, along with the existing Singapore expansion, will increase ASM's global production capacity more than 3x.

On the sustainability front, ASM has been sourcing 100% of electricity from renewable sources for key sites in the United States, the Netherlands, Finland, Japan, and Singapore, from 2021 onwards.

## KEY FACTS FOR SINGAPORE

- Doubled in size in just 3 years, outgrowing the former Yishun manufacturing location
- Singapore facility, including the second manufacturing floor, quadruples ASM's capacity in Singapore and more than triples global production capacity, and increases flexibility substantially while continuing to help customers meet their future needs
- The new facility is designed with high sustainability standards and supply chain optimization

- Strengthened base of world class EMS partners
- Increased multiple sourcing
- ASM in Singapore has transitioned over time towards higher value activities.
- Singapore employees: ASM invests in our employees and we are growing high value jobs and a skilled workforce in Singapore.
  - The headcount has increased 2.5x over the last five years to approximately 850 people
  - Singapore operations also include key functions like Supply Chain Management, worldwide IT, and Global People
  - Managers and professionals account for 42% of the local ASM workforce, of which 60% are Singaporean

### **About ASM International**

ASM International N.V., headquartered in Almere, the Netherlands, and its subsidiaries design and manufacture equipment and process solutions to produce semiconductor devices for wafer processing, and have facilities in the United States, Europe, and Asia. ASM International's common stock trades on the Euronext Amsterdam Stock Exchange (symbol ASM). For more information, visit ASM's website at [www.asm.com](http://www.asm.com).

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