

Semicon Vacancies 2025-2026 Q2, Netherlands

Vacancies 2025 Q2

899

Organizations 2025 Q2

81

Vacancies 2026 Q2

1229

Organizations 2026 Q2

96

In Q2 of 2026, the Dutch semicon sector recorded 1229 vacancies across 96 organizations, compared to 899 vacancies across 81 organizations in Q2 2025. Overall demand increased by 330 vacancies, and the number of hiring organizations increased by 15, indicating a large increase in semicon talent demand, as well as an increase in the companies searching for this talent.

ASML remains the dominant employer for both the years, with the highest number of vacancies both in 2025 overall (762), and in the first half of 2026 (405). Thermo Fisher Scientific and TNO also played significant roles in 2025, while in 2026 TNO and VDL Groep followed ASML as key contributors.

Top Organizations, 2025 (full year)

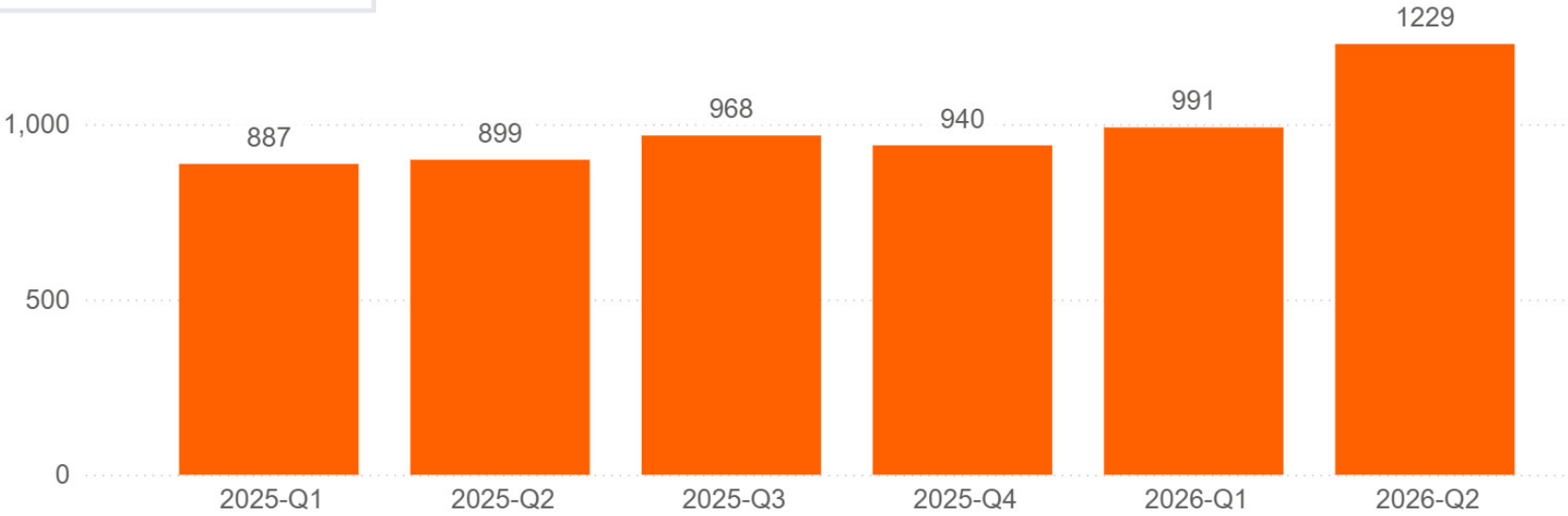
Top Organizations	Vacancy Count
ASML	762
Thermo Fisher Scientific	379
TNO	379
VDL Groep	338
Sioux	196

Top Organizations, 2026 (Q1 + Q2)

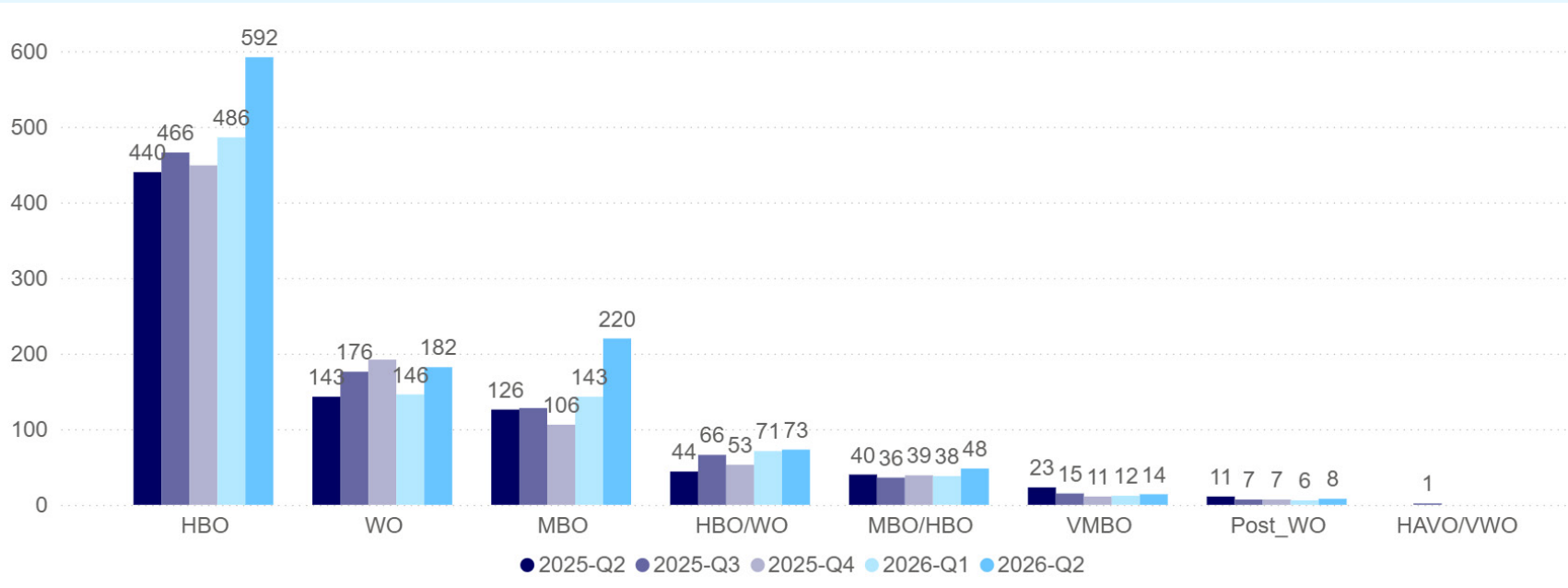
Top Organizations	Vacancy Count
ASML	405
TNO	208
VDL Groep	191
Koninklijke Philips	166
Thermo Fisher Scientific	131

Vacancies per Quarter (2025-2026)

As shown in the Vacancies per Quarter graph, Q2 of 2026 records the highest number of semicon vacancies (1229) in the period of 2025-2026, which is a large increase from the previous quarter (991). Q4 of 2025 had a slight decrease, but it is steadily growing again entering 2026, with a continuing growth trend into the middle of the year.



Vacancies per Quarter and Education Level (2025-2026)



The Vacancies per Quarter and Education level graph shows a strong and consistent demand for HBO, with WO and MBO roles forming a secondary share. Notably, WO demand decreases slightly into 2026 but rose again in Q2, while HBO and MBO demand is increasing since the start of 2026, which is in line with the overall market trend. These changes could indicate a shift to more practically oriented roles (HBO/MBO).

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Job Demand by Role and Education Level

The four tables below present the number of professions mentioned in vacancies from 2025 until Q2 2026, covering the overall top job functions as well as the top functions by education level (HBO, WO – bachelor and master – , and MBO). The distribution of semicon vacancies by job type shows a strong concentration in **engineering and technical roles** across all education levels. **Software engineer** roles represent the largest share of demand (285 vacancies), followed by other core engineering roles such as **mechanical engineers, manufacturing engineers, and electrical engineers**.

Beroepen (Totaal)	Count
Software engineer	285
Mechanical engineer	216
Manufacturing engineer	209
Ingenieur elektrotechniek	142
Systems engineer	130
Project engineer	126
Engineer (overig)	117
Kwaliteitsingenieur	103
Ict test engineer	99
Systeemarchitect	99
Procesingenieur	95
Servicemonteur buitendienst	87
Productiemedewerker	86
Assemblagemedewerker	82
Embedded software engineer	80

At MBO level, demand is concentrated in operational and technical support functions, including roles such as **assembly workers, production workers, and machine operators**, which are essential for production and maintenance activities. At HBO level, demand is particularly strong for **software engineers, manufacturing engineers, and mechanical engineers**, emphasizing the need for applied technical expertise in development and implementation roles. WO-level vacancies also prominently feature **software engineers, systems engineers and general engineers** but also show a strong presence of specialized roles such as **data managers/scientists, systems architects, and ICT managers**, reflecting demand for more analytical and design-oriented expertise.

Overall, the data highlights that the semicon labor market is driven by a combination of core engineering roles and supporting technical functions, with HBO profiles forming a significant share of demand. Software-related roles appear consistently overall but also in WO and HO education levels, underlining the broad and increasing importance of digital and software capabilities within the sector.

Beroepen (MBO)	Count
Assemblagemedewerker	56
Productiemedewerker	38
Machinebediende	34
Servicemonteur	33
Samensteller machines, voertuigen	28
Technisch medewerker	27
Servicemonteur buitendienst	23
CNC-operator-frezer	22
Manufacturing engineer	20
Procesoperator	19
Technicus meet- en regelsystemen	15
CNC-operator-draaier	14
Elektromonteur	14
Monteur	14
Werkvoorbereider bouw	13

Beroepen (HBO)	Count
Software engineer	172
Manufacturing engineer	136
Mechanical engineer	129
Ingenieur elektrotechniek	83
Kwaliteitsingenieur	78
Engineer (overig)	67
Systems engineer	67
Procesingenieur	66
Ict test engineer	64
Embedded software engineer	63
Project engineer	61
Programmeur C, C++	58
Systeemarchitect	56
Tester software	54
Productingenieur	51

Beroepen (WO)	Count
Software engineer	46
Systems engineer	35
Data scientist	27
Engineer (overig)	26
Ingenieur elektrotechniek	25
Systeemarchitect	25
Microchipontwikkelaar	24
Mechanical engineer	23
Hoofd ontwikkeling en research	22
DevOps engineer	19
Manager ict	18
Procesingenieur	16
Specialist systeemintegratie	16
Ingenieur elektronica	15
Product owner	14

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