

EU's Auto Sector Sees Sharp Drop in Robot Adoption

Frankfurt, September 25th, 2025 — **The EU's automotive industry installed 30,650 industrial robots in 2024. This represents a 5% year-on-year decline. Six of the EU's top ten vehicle-producing countries recorded double-digit losses. This is according to the World Robotics 2025 Industrial Robots report, presented by the International Federation of Robotics (IFR).**

"The automotive sector is traditionally one of the strongest customer industries worldwide, accounting for around a quarter of all robot installations in 2024," says Takayuki Ito, President of the International Federation of Robotics. "However, against this trend, the majority of EU's car making countries cut back significantly on investment in robotics."

Germany is the largest producer of vehicles in the EU and fourth worldwide with an output of more than 4 million units in 2024 – OICA reports. The car sector in Germany used to account for more than 40% of the annual domestic robot installations. But these shares have fallen substantially over the last four years: In 2021, it was 35%, and in 2024, it dropped to 26%, with only 6,932 units installed. This marks a reduction of 25% year-on-year.

EU's Top 10 automotive countries

The EU's other top 10 automotive countries cut robot investments in 2024 are: **Spain** as the second largest vehicle producer, installing 2,279 units in 2024, which is a decrease of 1%. The **Czech Republic** in third place with 1,116 units, down 28%. **France** in fourth place with 1,018 units, showing a 41% decrease. **Slovakia** on five installing 398 units, which is a 75% decrease. **Italy** on six, with 1,002 units and an 11% decline. **Romania** on seven has 248 units, down 50%.

Hungary is a remarkable statistical outlier in the EU, ranking ninth in terms of vehicle production: Their automotive sector installed 3,573 industrial robots. The 305% surge is a direct result of major car industry projects, which accounted for 84% of the country's total robot installations in 2024. Those are usually between 1,000 and 2,000 units. **Poland** on eight installed 742 units, unchanged. **Portugal** on ten installed 289 units, a 4% increase.

Outlook

The EU's automotive industry is not expected to drive growth for the robotics industry in 2025. Lower-than-expected demand, particularly for electric vehicles, coupled with national and international political uncertainty, has caused companies in the industry to postpone investment projects. However, the trade and tariff agreement reached between the European Union and the United States in late July has given rise to hope. Regarding 2026, experts are widely uncertain about a return to growth. Nevertheless, there is a broader consensus that installation numbers will rise again in 2027 and 2028.

Press release on the global market and other countries, market presentation and graphs can be downloaded at: <https://ifr.org/ifr-press-releases/global-robot-demand-in-factories-doubles-over-10-years>

About IFR

The International Federation of Robotics is the voice of the global robotics industry. IFR represents national robot associations, academia, and manufacturers of industrial and service robots from over twenty countries: www.ifr.org

The IFR Statistical Department provides data for two annual robotics studies:

World Robotics - Industrial Robots: This unique report provides global statistics on industrial robots in standardized tables and enables national comparisons to be made. It presents statistical data for around 40 countries broken down into areas of application, customer industries, types of robots and other technical and economic aspects. Production, export and import data is listed for selected countries. It also offers robot density, i.e. the number of robots per 10,000 employees, as a measure for the degree of automation.

World Robotics - Service Robots: This unique report describes marketable products, tasks, challenges and new developments by [service robots](#) application. The report includes the results of the annual IFR service robot survey on global sales of professional and consumer service robots and an industry structure analysis including a full list of all service robot producers known to the IFR. The study is jointly prepared with the robotics experts of Fraunhofer IPA, Stuttgart.

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