

US Robot Installations Up 14% Exceeding Pre-Pandemic Level - IFR Presents new World Robotics Report

Frankfurt, October 13, 2022 — The new World Robotics report shows robot installations in the United States were up by 14% to 34,987 units in 2021 - the second most successful year in history for the robotics industry in the US. This exceeded the pre-pandemic level of 33,378 units in 2019.

“The use of robotics and automation is growing at a breathtaking speed,” says Marina Bill, President of the International Federation of Robotics. “Within six years, annual robot installations in factories around the world more than doubled. According to our latest statistics, installations grew strongly in 2021, although supply chain disruptions as well as different local or regional headwinds hampered production.”

United States

In the **United States**, the automotive industry installed 9,782 industrial robots in 2021. The US accounted for 64% of the North American installations in the automotive industry in 2021. However, this share used to exceed the 70% mark in previous years. Installations in the US automotive industry declined by another 7% in 2021, while installations in the Mexican and the Canadian automotive industry increased by 92% and 72% respectively.

The metal and machinery industry in the US surged by 66% to 3,814 units in 2021, putting this industry into second place in terms of robot demand. The plastic and chemical products industry had 3,466 robots (+30%) newly installed in 2021.

Outlook

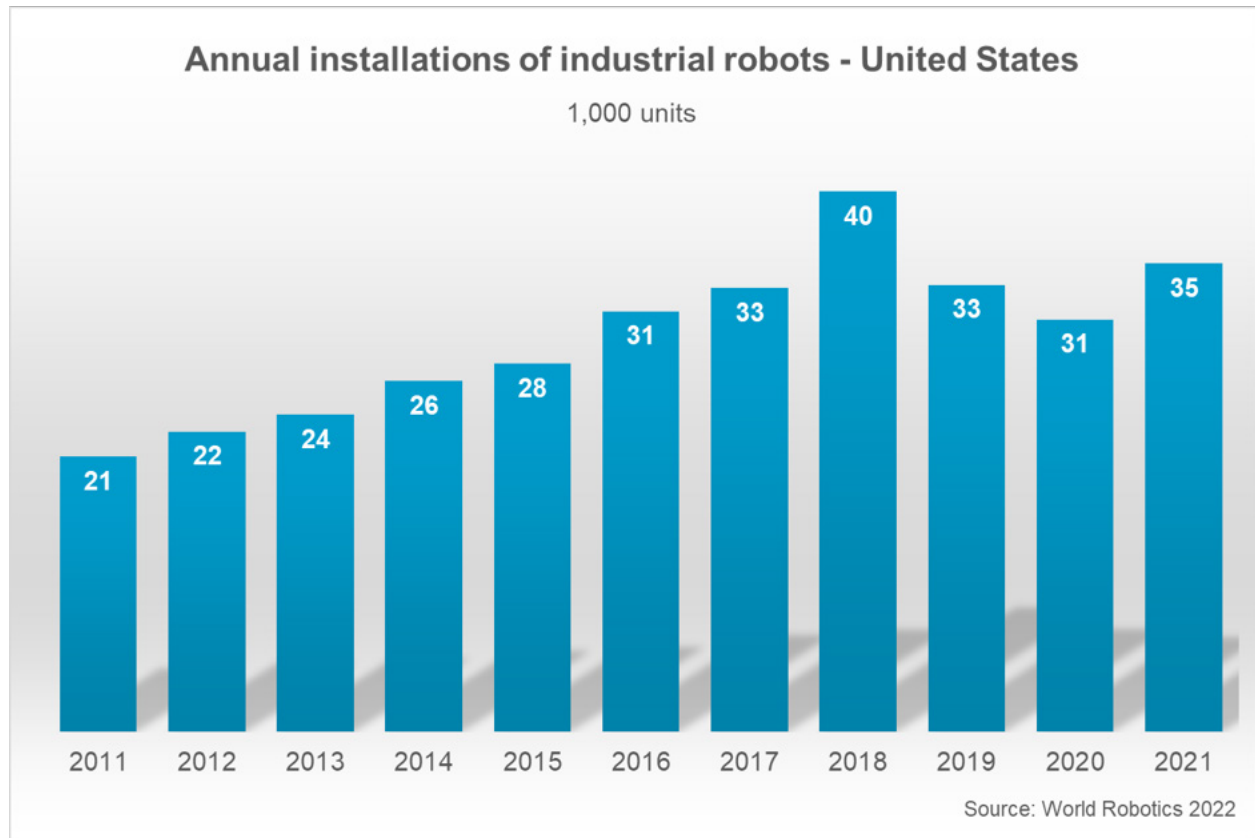
The overall expectation for the robotics market in the United States and North America is positive, despite several global and regional challenges. Order intake is very high. Robot installations are expected to grow by +15% in 2022 as scarcities prevail the conversion of orders into sales. Assuming that these scarcities will be reduced, the backlog of orders offers the potential for even higher growth rates in 2023.

Orders for World Robotics 2022 Industrial Robots and Service Robots reports can be placed [online](#).

Video: WHO WE ARE AND WHAT WE DO – The International Federation of Robotics:
<https://www.youtube.com/watch?v=X6euWV2ljjs>

Downloads

IFR Graphic and market presentation: <https://ifr.org/ifr-press-releases/news/wr-report-all-time-high-with-half-a-million-robots-installed>



US annual robot installations reached second most successful year in history.

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 provides global statistics on service robots, market analyses, and forecasts on the worldwide distribution of professional and personal service robots. The study is jointly prepared with our partner Fraunhofer IPA, Stuttgart.

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Press contact

PRESS OFFICE

International Federation of Robotics

Carsten Heer

phone +49 (0) 40 822 44 284

E-Mail: press@ifr.org