

Commercial Robots Market Research | Industry Trends & Size to Hit USD 85.2 Billion by 2031

Commercial robots will continue to develop thanks to developments in AI and sensor technologies, opening up new and useful applications for them.

PORTLAND, PORTLAND, OR, UNITED STATES, April 19, 2023

/EINPresswire.com/ -- The [commercial robots market](#) was worth \$15.2 billion in 2021 and is expected to be worth \$85.2 billion by 2031, increasing at a CAGR of 20% between 2022 and 2031.



The image shows the cover of a report titled 'COMMERCIAL ROBOTS MARKET' by Allied Market Research. The cover features a futuristic scene with a white humanoid robot on the left and several green industrial robotic arms on the right, set against a dark background with glowing blue light effects. The report title is in blue and black text, with the subtitle 'OPPORTUNITIES AND FORECAST, 2021 - 2031' in smaller black text. Below the image, there is a small text box with 'Report Code: A53431. www.alliedmarketresearch.com'. To the right of the image, there is a text box with the following information: 'Commercial robots market is expected to reach **\$85.2 Billion** by 2031' and 'Growing at a **CAGR of 20%** (2022-2031)'. The Allied Market Research logo is in the top right corner of the cover.

Commercial Robots Market Research

Commercial robots are machines that can assist in the replication or substitution of human actions in a variety of applications such as transporting materials within a factory, delivering retail products, medication, and supplies, collecting and transmitting data, inspecting, recording videos, and monitoring ongoing projects, mapping activities, and more. Industrial robots are self-contained machines that can be programmed.

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Commercial Robots Market Dynamics:

The commercial robots market is driven by several factors. Firstly, the increasing demand for automation and efficiency in various industries, such as manufacturing, healthcare, and logistics, has led to the adoption of commercial robots to perform repetitive and tedious tasks. Secondly, the availability of advanced technologies such as artificial intelligence and machine learning has enabled the development of sophisticated robots that can perform complex tasks with greater accuracy and precision.

Thirdly, the growing need for safety and security in workplaces has led to the adoption of robots for hazardous tasks and to reduce the risk of accidents. Fourthly, the increasing demand for customized and personalized products has driven the adoption of robots in manufacturing to

enable mass customization. Finally, the declining cost of hardware components and the increasing availability of open-source software has made commercial robots more affordable and accessible to a wider range of industries and businesses.

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Commercial Robots Market Trends:

The commercial robots market is witnessing several trends. Firstly, there is a trend of the integration of artificial intelligence and machine learning algorithms into robots, which enables them to operate with greater autonomy and intelligence. Secondly, there is a trend of the adoption of collaborative robots, also known as cobots, which can work safely alongside humans and assist with tasks that require human intelligence and dexterity.

Thirdly, there is a trend of the adoption of cloud-based platforms and software, which allows robots to be remotely monitored, managed, and updated. Fourthly, there is a trend of the development of specialized robots for specific industries and applications, such as medical robots, cleaning robots, and agricultural robots. Finally, there is a trend of the development of robots with advanced sensing and perception capabilities, such as vision and voice recognition, which enable them to interact with humans more effectively and efficiently.

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The key players profiled in the commercial robots market report include Northrop Grumman Corp., Kuka AG, iRobot Corporation, Yaskawa Electric Corporation, Omron Adept Technologies Inc., Honda Motor Company Limited, 3D Robotics Inc., Alphabet Inc., Accuray Inc., AeroVironment Inc.

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Lastly, this report provides market intelligence most comprehensively. The report structure has been kept such that it offers maximum business value. It provides critical insights into the

market dynamics and will enable strategic decision-making for the existing market players as well as those willing to enter the market.

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