

# Adaptive Robotics Market Current Outlook with a CAGR of 26.3% 2030

*Adaptive Robotics Market Expected to Reach \$55.0 Billion by 2030*

PORTLAND, OR, UNITED STATES, October 9, 2023 /EINPresswire.com/ -- Adaptive robots are third generation of robots that are integrated with technologies such as IoT and artificial intelligence, which sense and act on their environment without human interaction. Adaptive robots are more compact, precise, and able to work faster, and quick decision taker in various industries such as automotive, manufacturing, and food & beverages.



Increase in adoption of collaborative robots in the industries has significantly boosted the demand for adaptive robots. In addition, rise in trend of automation in manufacturing and logistic industries has helped to carry out operations at faster rate and with higher accuracy with the help of adaptive robots. Thus, all these factors collectively are anticipated to notably contribute toward the growth of the global [adaptive robotics market](#) during the forecast period. Moreover, rise in R&D investment in artificial intelligence and robotics in various regions such as North America and Europe fuels the growth of the global adaptive robotics market. For instance, in September 2020, Europe allocated around \$2.78 billion for artificial intelligence and robotics sector.

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The adaptive robotics market size was valued at \$4.9 billion in 2020, and is expected to reach \$ 55.0 billion by 2030, registering a CAGR of 26.3% from 2021 to 2030. North America is anticipated to dominate the global adaptive robotics market in 2020.

On the contrary, integration of IoT in manufacturing is expected to propel the demand for adaptive robots, which is likely to act as a major opportunity for growth of the adaptive robotics

market.

The global adaptive robotics market is segmented into application, component, end user, and region. By application, the market is segregated into handling, assembling, welding, and others. The handling segment dominates the market in 2020. On the basis of component, it is segregated into hardware and software. Software segment dominates the market in 2020. Depending on end user, it is divided into automotive, electronics, pharma, metal & machinery, and others. Automotive segment dominates the market in 2020.

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Key Segments:

By Application -

Handling

Assembling

Welding

Others

By End User

Automotive

Electronics

Pharma

Metal & Machinery

Others

Top Players:

The key players profiled in this report include ABB, Kuka AG, Robotiq Inc, SCHMALZ, Soft Robotics Inc, Weiss Robotics GmbH & Co Kg, Universal Robots A/S, Yaskawa Electric Corporation, SoftBank Group Corp, and Rethink Robotics GmbH.

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David Correa

Allied Analytics LLP

+1 800-792-5285

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