

Global Industrial Robotics Market: Size, Trend, Share, Opportunity Analysis & Forecast, 2014-2025

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Abstracts

An industrial robot is a robotic system used for manufacturing, welding, painting, assembly, pick & place, and others functions. It is an automated, programmable, and auto-learning system with high endurance, speed, and precision. Robotic technologies offer financial benefits to various industries owing to reduced overheads, increased productivity & flexibility, and waste reduction. New generation robots possess human attributes such as flexibility, intelligence, memory, recognition of objects, and learning ability. Robotics are widely adopted in manufacturing companies such as consumer electronics, automotive, and telecommunications owing to its enhanced efficiency and durability. The global industrial robotics market is expected to grow at a CAGR of 10.1% from 2017 to 2025.

Based on technology, the global augmented reality market is segmented as marker-based augmented reality and markerless augmented reality. Based on component, the market is segmented as hardware and software. Furthermore, the market is segmented into application which includes aerospace & defense, medical, gaming, industrial, automotive, and others. Geographic breakdown and deep analysis of each of the aforesaid segments is included for North America, Europe, Asia-Pacific, and LAMEA.

MARKET DYNAMICS:

Drivers:

Reduction of duties & refurbished goods.

Increase in demand for automation machineries owing to increase in labor cost.

Restraints:

Higher cost & uncertainty.

Stagnation of industrial manufacturing.

MARKET PLAYERS:

The top players in the global virtual reality market include Kuka Robotics, Denso, Fanuc, Mitsubishi, Universal Robots, ABB Ltd., Adept Technology, Inc., Rockwell Automation, Inc., Nachi-Fujikoshi Corp, and Yaskawa Electric Corp.

KEY TAKEAWAYS**MARKET LANDSCAPE****By Type**

Articulated

Cartesian

SCARA

Cylindrical

Others

By Industry

Automotive

Electrical & Electronics

Chemical, Rubber, & Plastics

Machinery

Metals

Food & Beverages

Precision & Optics

Others

By Function

Soldering & Welding

Materials Handling

Assembling & Disassembling

Painting & Dispensing

Milling, Cutting, & Processing

Others

By Geography

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Rest of the Europe

Asia-Pacific

China

Japan

India

South Korea

Rest of Asia-Pacific

LAMEA

Brazil

Saudi Arabia

South Africa

Rest of LAMEA

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COMPANIES MENTIONED

Mitsubishi, Universal Robots, ABB Ltd., Adept Technology, Inc., Rockwell Automation, Inc., Nachi-Fujikoshi Corp, and Yaskawa Electric Corp.

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