

# **Global Industrial Robotics Market 2022-2032 by Subsystem (Robot Machines, Software, Peripherals & System Engineering), Robot Type, Application, Component, Configuration (Mounted, Mobile, Cobots), Payload, Industry Vertical, and Region: Trend Forecast and Growth Opportunity**

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## **Abstracts**

Global industrial robotics market will reach \$186.66 billion by 2032 in terms of robotic system (including Robot Machines, Software, Peripherals & System Engineering), growing by 11.5% annually over 2022-2032, driven by the emerging Industry 4.0, a large scope for AI innovation, an increasing adoption of advanced industrial robotics to improve the productivity and safety in manufacturing sectors. By unit shipment, the global industrial robotics market is expected to grow by 14.4% annually.

Highlighted with 97 tables and 155 figures, this 291-page report “Global Industrial Robotics Market 2022-2032 by Subsystem (Robot Machines, Software, Peripherals & System Engineering), Robot Type, Application, Component, Configuration (Mounted, Mobile, Cobots), Payload, Industry Vertical, and Region: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire global industrial robotics market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2020-2022 and provides forecast from 2023 till 2032 with 2022 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of global market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify global industrial robotics market in every aspect of the classification from perspectives of Subsystem, Robot Type, Application, Component, Configuration, Payload, Industry Vertical, and Region.

Based on Subsystem, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Robot Machines

Software

Peripherals & System Engineering

Based on Robot Type, the global market is segmented into the following sub-markets with annual revenue (\$ mn) and shipment (thousand units) for 2022-2032 included in each section.

Articulated Robots

Cartesian/Linear/Gantry Robots

SCARA Robots

Cylindrical Robots

Delta/Parallel Robots

Collaborative Robots

Other Robot Types

By Application, the global market is segmented into the following sub-markets with annual revenue (\$ mn) and shipment (thousand units) for 2022-2032 included in each section.

Soldering & Welding

Material Handling

Assembling & Disassembling

Painting & Dispensing

Milling & Grinding

Cutting & Processing

Other Applications

By Component, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Robot Controller Unit

Robotic Arm

End Effector

Drive

Sensors

Power Supply

Motors

Other Components

By Configuration, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Mounted Robots

Mobile Robots

Cobots/Collaborative Robots

By Payload, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

20-80 KG

80-300 KG

300-1000 KG

1000-3000 KG

> 3000 KG

By Industry Vertical, the global market is segmented into the following sub-markets with annual revenue (\$ mn) and shipment (thousand units) for 2022-2032 included in each section.

Automotive

Electrical & Electronics

Metal & Machinery

Chemicals, Rubber & Plastics

Medical & Pharmaceutical

Food & Agriculture

Other Industry Verticals

Geographically, the following regions together with the listed national/local markets are fully investigated:

North America (U.S., Canada, and Mexico)

Europe (Germany, UK, France, Spain, Italy, Russia, Rest of Europe; Rest of Europe is further segmented into Netherlands, Switzerland, Poland, Sweden, Belgium, Austria, Ireland, Norway, Denmark, and Finland)

APAC (Japan, China, South Korea, Taiwan, India, and Rest of APAC; Rest of APAC is further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, Australia, and Philippines)

South America (Brazil, Chile, Argentina, Rest of South America)

MEA (UAE?Saudi Arabia?Qatar, and Rest of MEA)

For each aforementioned region and country, detailed analysis and data for annual revenue (\$ mn) and shipment (thousand units) are available for 2022-2032. The breakdown of all regional markets by country and the split of each national market by Robot Type, Application and Industry Vertical over the forecast years are also included.

The report also covers the current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

ABB Ltd.

Adept Technology Inc.

Comau S.p.A

Daihen Corp.

Denso Wave Inc.

Ellison Technologies Inc.

Epson Robotics

Fanuc Corp.

Genmark Automation, Inc.

Kawasaki Robotics Inc.

Mitsubishi Electric Corp.

Nachi Fujikoshi Corp.

Panasonic Corporation (Activelink)

Pari Robotics

Rethink Robotics, Inc.

Robert Bosch GmbH

Rockwell Automation Inc.

Schunk GmbH

Staubli International AG

Toshiba Machine Co., Ltd.

Universal Robots

Yamaha Robotics

Yaskawa Electric Corp.

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

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  - Genmark Automation, Inc.
  - Kawasaki Robotics Inc.
  - Mitsubishi Electric Corp.
  - Nachi Fujikoshi Corp.
  - Panasonic Corporation (Activelink)
  - Pari Robotics
  - Rethink Robotics, Inc.
  - Robert Bosch GmbH
  - Rockwell Automation Inc.
  - Schunk GmbH
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