

Global Industrial Robot Brake Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Industrial Robot Brake market size was valued at US\$ 221 million in 2024 and is forecast to a readjusted size of USD 366 million by 2031 with a CAGR of 7.4% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

A brake is a mechanical device that inhibits motion by absorbing energy from a moving system. Robot brakes are one of the key components in robotic systems and are used to achieve precise position control, stability and safety of the robot.

This report is a detailed and comprehensive analysis for global Industrial Robot Brake market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Industrial Robot Brake market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Industrial Robot Brake market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Industrial Robot Brake market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Industrial Robot Brake market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Industrial Robot Brake
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Industrial Robot Brake market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Carlyle Johnson, SEPAC, KEB Automation, Kendrion, SINFONIA TECHNOLOGY, Ogura Clutch, Warner Electric, Nexen Group, Regal Rexnord, SG Transmission, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Industrial Robot Brake market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Spring Brake

Permanent Magnet Brake

Market segment by Application

Collaborative Robot

Articulated Robot

Others

Major players covered

Carlyle Johnson

SEPAC

KEB Automation

Kendrion

SINFONIA TECHNOLOGY

Ogura Clutch

Warner Electric

Nexen Group

Regal Rexnord

SG Transmission

Chr. Mayr GmbH

Reach Machinery

Miki Pulley

Chain Tail

Placid Industries

Danaher Corporation

Mach III

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Industrial Robot Brake product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Industrial Robot Brake, with price, sales quantity, revenue, and global market share of Industrial Robot Brake from 2020 to 2025.

Chapter 3, the Industrial Robot Brake competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape

contrast.

Chapter 4, the Industrial Robot Brake breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Industrial Robot Brake market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Industrial Robot Brake.

Chapter 14 and 15, to describe Industrial Robot Brake sales channel, distributors, customers, research findings and conclusion.

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