

Vision Guided Robot (VGR) Systems Market, Global Outlook and Forecast 2022-2028

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Abstracts

A Vision-Guided Robot (VGR) System is a robot fitted with one or more machine vision sensors. Sensors guide the robot to move to a variable target position and then perform a predetermined function like picking objects from a bin and placing them in another location. VGR systems are rapidly transforming production processes by making robots highly adaptable and easy to implement, while dramatically reducing the cost and complexity previously associated with the design and setup of fixed robotic cells.

This report contains market size and forecasts of Vision Guided Robot (VGR) Systems in global, including the following market information:

Global Vision Guided Robot (VGR) Systems Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Vision Guided Robot (VGR) Systems Market Sales, 2017-2022, 2023-2028, (Units)

Global top five Vision Guided Robot (VGR) Systems companies in 2021 (%)

The global Vision Guided Robot (VGR) Systems market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

2D VGR Systems Segment to Reach \$ Million by 2028, with a % CAGR in next six

years.

The global key manufacturers of Vision Guided Robot (VGR) Systems include ABB, Denso, FANUC, Omron Adept Technologies, KUKA, Yaskawa Motoman, Epson and Cognex Corporation, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Vision Guided Robot (VGR) Systems manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Vision Guided Robot (VGR) Systems Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Units)

Global Vision Guided Robot (VGR) Systems Market Segment Percentages, by Type, 2021 (%)

2D VGR Systems

3D VGR Systems

Global Vision Guided Robot (VGR) Systems Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Units)

Global Vision Guided Robot (VGR) Systems Market Segment Percentages, by Application, 2021 (%)

Material Handling

Automated Assembly

Others

Global Vision Guided Robot (VGR) Systems Market, By Region and Country,
2017-2022, 2023-2028 (\$ Millions) & (Units)

Global Vision Guided Robot (VGR) Systems Market Segment Percentages, By Region
and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Vision Guided Robot (VGR) Systems revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Vision Guided Robot (VGR) Systems revenues share in global market, 2021 (%)

Key companies Vision Guided Robot (VGR) Systems sales in global market, 2017-2022

(Estimated), (Units)

Key companies Vision Guided Robot (VGR) Systems sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

ABB

Denso

FANUC

Omron Adept Technologies

KUKA

Yaskawa Motoman

Epson

Cognex Corporation

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