

# Artificial Intelligence (AI) In Industrial Machinery Market Segments, Drivers, Restraints, And Trends For 2024-2033

*The Business Research Company's Artificial Intelligence (AI) In Industrial Machinery Global Market Report 2024 – Market Size, Trends & Global Forecast 2024-2033*

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The artificial intelligence (AI) in industrial machinery market has experienced robust growth in recent

years, expanding from \$1.52 billion in 2023 to \$1.99 billion in 2024 at a compound annual growth rate (CAGR) of 31.4%. The growth in the historic period can be attributed to automation demands, data proliferation, cost and efficiency improvements, rise of iot devices, advancements in ai algorithms.



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## Strong Future Growth Anticipated

The artificial intelligence (AI) in industrial machinery market is projected to continue its strong growth, reaching \$5.46 billion in 2028 at a compound annual growth rate (CAGR) of 28.7%. The growth in the forecast period can be attributed to predictive maintenance adoption, ai-powered quality control, enhanced safety protocols, edge

computing integration, ai-driven energy optimization.

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## Growth Driver Of The Artificial Intelligence (AI) In Industrial Machinery Market

The growing use of artificial intelligence (AI) in the industrial sector is expected to propel the growth of AI in the industrial machinery market in the coming future. The industrial sector is a



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component of the economy comprised of companies that assist other companies in manufacturing, delivering, or creating their goods. Artificial intelligence optimizes industrial processes, predicts machinery issues, and facilitates improved smart services, resulting in increased productivity, problem identification, and reduced machine failures for manufacturers.

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### Major Players And Market Trends

Key players in the artificial intelligence (AI) in industrial machinery market include Microsoft Corporation, Hitachi Ltd., Amazon Web Services Inc., Siemens AG, Intel Corporation, International Business Machines Corporation.

Product Innovation is the key trend gaining popularity in the AI in industrial machinery market. Major companies operating in the AI in industrial machinery market are focused on developing innovative products to strengthen their position in the market.

### Segments:

- 1) By Component: Hardware, Software, Services
- 2) By Technology: Machine Learning, Computer Vision, Context Awareness, Natural Language Processing
- 3) By Application: Predictive Maintenance, Quality Control, Process Optimization, Supply Chain Optimization, Intelligent Robotics, Autonomous Vehicles And Guided Systems, Energy Management, Human-Machine Interfaces, Other Applications
- 4) By End-Use: Commercial, Agriculture, Construction, Packaging, Food Processing, Mining, Semiconductor Manufacturing

### Geographical Insights: North America Leading The Market

North America was the largest region in the artificial intelligence (AI) in industrial machinery market in 2023. The regions covered in the [artificial intelligence \(ai\) in industrial machinery market report](#) are Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, Africa

### Artificial Intelligence (AI) In Industrial Machinery Market Definition

Artificial intelligence (AI) in industrial machines refers to the utilization of artificial intelligence technologies in industrial machines to upgrade them into smart machines and enable the framework to generate multiple solutions. AI provides predictive maintenance, real-time monitoring, and process optimization in industrial machinery, resulting in higher efficiency, fewer downtime, and increased total production.

Artificial Intelligence (AI) In Industrial Machinery Global Market Report 2024 from The Business Research Company covers the following information:

- Market size data for the forecast period: Historical and Future

- Market analysis by region: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.
- Market analysis by countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, UK, USA.

Trends, opportunities, strategies and so much more.

The Artificial Intelligence (AI) In Industrial Machinery Global Market Report 2024 by The Business Research Company is the most comprehensive report that provides insights on [artificial intelligence \(AI\) in industrial machinery market size](#), artificial intelligence (AI) in industrial machinery market drivers and trends, artificial intelligence (AI) in industrial machinery market major players, artificial intelligence (AI) in industrial machinery competitors' revenues, artificial intelligence (AI) in industrial machinery market positioning, and artificial intelligence (AI) in industrial machinery market growth across geographies. The artificial intelligence (AI) in industrial machinery market report helps you gain in-depth insights into opportunities and strategies. Companies can leverage the data in the report and tap into segments with the highest growth potential.

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The Business Research Company has published over 15000+ reports in 27 industries, spanning 60+ geographies. The reports draw on 1,500,000 datasets, extensive secondary research, and exclusive insights from interviews with industry leaders.

### Global Market Model – Market Intelligence Database

The Global Market Model, The Business Research Company's flagship product, is a market intelligence platform covering various macroeconomic indicators and metrics across 60 geographies and 27 industries. The Global Market Model covers multi-layered datasets that help its users assess supply-demand gaps.

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