

Collaborative Robot Market Report: Trends, Forecast and Competitive Analysis to 2030

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Abstracts

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Collaborative Robot Trends and Forecast

The future of the global collaborative robot market looks promising with opportunities in the automotive, food & beverage, furniture & equipment, plastic & polymers, metal & machinery, electronics, and pharma markets. The global collaborative robot market is expected to reach an estimated \$7.8 billion by 2030 with a CAGR of 31.7% from 2024 to 2030. The major drivers for this market are emergence of industry 4.0, increasing demand for automated manufacturing processes, and rising preference for these robots in SMEs.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

Collaborative Robot by Segment

The study includes a forecast for the global collaborative robot by payload capacity, application, end use industry, technology, and region

Collaborative Robot Market by Payload Capacity [Shipment Analysis by Value from 2018 to 2030]:

Up to 5kg

Up to 10kg

Above 10kg

Collaborative Robot Market by Application [Shipment Analysis by Value from 2018 to 2030]:

Assembly

Pick & Place

Handling

Packaging

Quality Testing

Machine Tending

Gluing & Welding

Others

Collaborative Robot Market by End Use Industry [Shipment Analysis by Value from 2018 to 2030]:

Automotive

Food & Beverage

Furniture & Equipment

Plastic & Polymers

Metal & Machinery

Electronics

Pharma

Others

Collaborative Robot Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Collaborative Robot Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies collaborative robot companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the collaborative robot companies profiled in this report include-

ABB

DENSO Robotics

Epson Robots

Energid Technologies

F&P Robotics

Fanuc

KUKA

MRK-Systeme

Precise Automation

Rethink Robotics

Collaborative Robot Market Insights

Lucintel forecast that assembly is expected to witness highest growth over the forecast period due to significant use of cobots to combine simple and repetitive operations to support intricate assembling procedures.

Automotive will remain the largest segment due to significant usage of collaborative robots in this industry to increase productivity, save space on a floor, and lower manufacturing costs.

Europe is expected to witness highest growth over the forecast period due to widespread use of collaborative robots in industries like inspection, electronics, and logistics sector of the region.

Features of the Global Collaborative Robot Market

Market Size Estimates: Collaborative robot market size estimation in terms of value (\$B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: Collaborative robot market size by payload capacity, application, end use industry, and region in terms of value (\$B).

Regional Analysis: Collaborative robot market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different payload capacities, applications, end use industries, and regions for the collaborative robot market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the collaborative robot market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q.1 What is the collaborative robot market size?

Answer: The global collaborative robot market is expected to reach an estimated \$7.8 billion by 2030.

Q.2 What is the growth forecast for collaborative robot market?

Answer: The global collaborative robot market is expected to grow with a CAGR of 31.7% from 2024 to 2030.

Q.3 What are the major drivers influencing the growth of the collaborative robot market?

Answer: The major drivers for this market are emergence of industry 4.0, increasing demand for automated manufacturing processes, and rising preference for these robots in SMEs.

Q4. What are the major segments for collaborative robot market?

Answer: The future of the collaborative robot market looks promising with opportunities in the automotive, food & beverage, furniture & equipment, plastic & polymers, metal & machinery, electronics, and pharma markets.

Q5. Who are the key collaborative robot market companies?

Answer: Some of the key collaborative robot companies are as follows:

ABB

DENSO Robotics

Epson Robots

Energid Technologies

F&P Robotics

Fanuc

KUKA

MRK-Systeme

Precise Automation

Rethink Robotics

Q6. Which collaborative robot market segment will be the largest in future?

Answer: Lucintel forecast that assembly is expected to witness highest growth over the forecast period due to significant use of cobots to combine simple and repetitive operations to support intricate assembling procedures.

Q7. In collaborative robot market, which region is expected to be the largest in next 5 years?

Answer: Europe is expected to witness highest growth over the forecast period due to widespread use of collaborative robots in industries like inspection, electronics, and logistics sector of the region.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the collaborative robot market by payload capacity (up to 5kg, up to 10kg, and above 10kg), application (assembly, pick & place, handling, packaging, quality testing, machine tending, gluing & welding, and others), end use industry (automotive, food & beverage, furniture & equipment, plastic & polymers, metal & machinery, electronics, pharma, and

others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to collaborative robot market or related to collaborative robot companies, collaborative robot market size, collaborative robot market share, collaborative robot market growth, collaborative robot market research, write Lucintel analyst at email: helpdesk@lucintel.com we will be glad to get back to you soon.

Contents

1. EXECUTIVE SUMMARY

2. GLOBAL COLLABORATIVE ROBOT MARKET: MARKET DYNAMICS

2.1: Introduction, Background, and Classifications

2.2: Supply Chain

2.3: Industry Drivers and Challenges

3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2018 TO 2030

3.1. Macroeconomic Trends (2018-2023) and Forecast (2024-2030)

3.2. Global Collaborative Robot Market Trends (2018-2023) and Forecast (2024-2030)

3.3: Global Collaborative Robot Market by Payload Capacity

3.3.1: Up to 5kg

3.3.2: Up to 10kg

3.3.3: Above 10kg

3.4: Global Collaborative Robot Market by Application

3.4.1: Assembly

3.4.2: Pick & Place

3.4.3: Handling

3.4.4: Packaging

3.4.5: Quality Testing

3.4.6: Machine Tending

3.4.7: Gluing & Welding

3.4.8: Others

3.5: Global Collaborative Robot Market by End Use Industry

3.5.1: Automotive

3.5.2: Food & Beverage

3.5.3: Furniture & Equipment

3.5.4: Plastic & Polymers

3.5.5: Metal & Machinery

3.5.6: Electronics

3.5.7: Pharma

3.5.8: Others

4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION FROM 2018 TO 2030

4.1: Global Collaborative Robot Market by Region

4.2: North American Collaborative Robot Market

4.2.1: North American Collaborative Robot Market by Application: Assembly, Pick & Place, Handling, Packaging, Quality Testing, Machine Tending, Gluing & Welding, and Others

4.2.2: North American Collaborative Robot Market by End Use Industry: Automotive, Food & Beverage, Furniture & Equipment, Plastic & Polymers, Metal & Machinery, Electronics, Pharma, and Others

4.3: European Collaborative Robot Market

4.3.1: European Collaborative Robot Market by Application: Assembly, Pick & Place, Handling, Packaging, Quality Testing, Machine Tending, Gluing & Welding, and Others

4.3.2: European Collaborative Robot Market by End Use Industry: Automotive, Food & Beverage, Furniture & Equipment, Plastic & Polymers, Metal & Machinery, Electronics, Pharma, and Others

4.4: APAC Collaborative Robot Market

4.4.1: APAC Collaborative Robot Market by Application: Assembly, Pick & Place, Handling, Packaging, Quality Testing, Machine Tending, Gluing & Welding, and Others

4.4.2: APAC Collaborative Robot Market by End Use Industry: Automotive, Food & Beverage, Furniture & Equipment, Plastic & Polymers, Metal & Machinery, Electronics, Pharma, and Others

4.5: ROW Collaborative Robot Market

4.5.1: ROW Collaborative Robot Market by Application: Assembly, Pick & Place, Handling, Packaging, Quality Testing, Machine Tending, Gluing & Welding, and Others

4.5.2: ROW Collaborative Robot Market by End Use Industry: Automotive, Food & Beverage, Furniture & Equipment, Plastic & Polymers, Metal & Machinery, Electronics, Pharma, and Others

5. COMPETITOR ANALYSIS

5.1: Product Portfolio Analysis

5.2: Operational Integration

5.3: Porter's Five Forces Analysis

6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

6.1: Growth Opportunity Analysis

6.1.1: Growth Opportunities for the Global Collaborative Robot Market by Payload Capacity

- 6.1.2: Growth Opportunities for the Global Collaborative Robot Market by Application
- 6.1.3: Growth Opportunities for the Global Collaborative Robot Market by End Use Industry
- 6.1.4: Growth Opportunities for the Global Collaborative Robot Market by Region
- 6.2: Emerging Trends in the Global Collaborative Robot Market
- 6.3: Strategic Analysis
 - 6.3.1: New Product Development
 - 6.3.2: Capacity Expansion of the Global Collaborative Robot Market
 - 6.3.3: Mergers, Acquisitions, and Joint Ventures in the Global Collaborative Robot Market
 - 6.3.4: Certification and Licensing

7. COMPANY PROFILES OF LEADING PLAYERS

- 7.1: ABB
- 7.2: DENSO Robotics
- 7.3: Epson Robots
- 7.4: Energid Technologies
- 7.5: F&P Robotics
- 7.6: Fanuc
- 7.7: KUKA
- 7.8: MRK-Systeme
- 7.9: Precise Automation
- 7.10: Rethink Robotics

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