Connected & Hassle-Free Manufacturing Lines Drive Market

The market adoption for collaborative robots (cobots) varies considerably by industry sector. This report includes revenues of hardware, software, and services for cobots and covers different payloads (up to 5 kg, >5-10 kg, and >10 kg) and different arm types (articulated, parallel/delta, dual-arm, SCARA).

Manufacturers across all vertical industries are constantly re-examining their production processes and automated equipment in an effort to find ways to introduce more flexibility into their production systems.

Cobots will become a key source of information on the factory floor. The collection of data, however, is just one part of the task. Manufacturers will have to implement systems to organize and analyze all of this information in order to act on it. Big Data analysis will become a competitive differentiator.

As cobots become connected to internal systems for data collection, cybersecurity risks increase. Manufacturers will be forced to address vulnerabilities in their processes and invest heavily in cybersecurity to ensure safe, reliable production.

Today, the collaborative robotics market is in a state of growth. ARC anticipates that the market for robotics hardware, software, and services will grow rapidly and expand globally.

The report identifies growth segments and market trends, as well as the challenges suppliers face to achieve expansion in a very fragmented market landscape. In addition to the quantitative assessment, the report provides an insightful analysis on issues that will have an impact on this market in the future.

For more information, please visit us at www.arcweb.com/market-studies/.

Strategic Issues

The challenge in the collaborative robots marketplace is for suppliers to differentiate themselves and continue to improve their value propositions for industrial end users and original equipment manufacturers. The report answers key questions, such as:

- What strategies should suppliers deploy to achieve an increase in market share?
- Which high growth industries are the most attractive for suppliers to target?
- What impact will intelligent devices and the Internet of Things have on this market?

Research Formats

This research is available as a Market Intelligence Workbook (Excel) and/or a concise, executive-level Market Analysis Report (PDF), with or without detailed charts.

Research Focus Areas

Strategic Analysis
- Major Trends
- Regional and Industry Trends
- Strategies for Buyers & Suppliers

Competitive Analysis
- Market Shares of the Leading Suppliers
- Market Shares by Region
  - North America
  - Europe, Middle East, Africa
  - Asia and Latin America
- Market Shares by Revenue Category
  - Hardware
  - Software
  - Services
- Market Shares by Payload Type
  - Up to 5 kg
  - >5-10 kg
  - >10 kg
- Market Shares by Arm Type
  - Articulated
  - Parallel/Delta
  - Dual-arm
  - SCARA
- Market Shares by Application
  - Assembly/Disassembly
  - Coating/Painting
  - Inspecting/Measuring
- Machine Trending
- Material Handling
- Medical Assist
- Packaging
- Pick & Place
- Quality Testing
- Welding
- Market Shares by Industry
- Market Shares by Sales Channel
- Market Shares by Customer Type

Market Forecast & History
- Total Shipments of Collaborative Robots
- Shipments by Region
- Shipments by Revenue Category
- Shipments by Payload Type
- Shipments by Arm Type
- Shipments by Application
- Shipments by Industry
- Shipments by Sales Channel
- Shipments by Customer Type

Industry Participants

The research identifies all relevant suppliers serving this market.