

Collaborative Robots Report

Part of AI & Intelligent Automation Service Area Package

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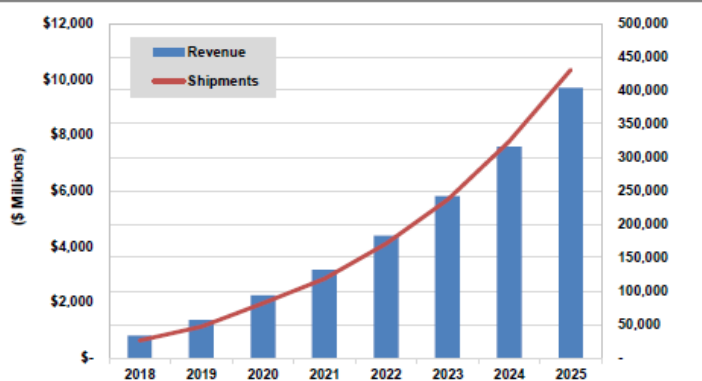
Shared Workspace Robots for Industrial, Manufacturing, Automotive, Electrical, Enterprise, Warehousing & Logistics, and Food & Beverage Applications and Use Cases: Global Market Analysis and Forecasts

The collaborative robotics market is experiencing a strong growth trend in conjunction with the surge of smart factories. As more companies become aware of the growing importance of and uses for these collaborative robots (cobots), a gap remains in understanding exactly what they are and the implications for various businesses. This report provides insight into the cobot market, the companies, their technologies, and use cases across the major industrial and enterprise segments.

The business rationale and benefits of using industrial robots also apply to cobots. The same factors of efficiency, quality, and automation of production are propelling the adoption of cobots in large companies. Additional benefits of lower cost, increased safety, flexibility, and ease of use, and better use of personnel are driving factors for cobot demand in small and medium enterprises (SMEs) as well. More startups are entering the industry with new user-friendly cobot offerings, making the market increasingly competitive and diverse. However, costs for faster cobots with greater payload capacities are still high for low volume production. In addition, significant planning, deployment, and training are still required for successful implementations in challenging applications. Yet, Omdia expects the global cobot market to continue growing rapidly over the next few years while providing opportunities to various industry participants, reaching revenue of \$9.7 billion by the end of 2025.

This Omdia report examines the market issues surrounding cobots and presents 8-year revenue forecasts for the industry. The report discusses the crucial market drivers, challenges, and industry applications, in addition to assessing the most important technology issues that will influence market development. Omdia profiles the top 17 industry players, organized by pure cobot vendors, industrial robot vendors, end-of-arm tooling vendors, and software framework providers. An information bank of 82 key and emerging companies is included in the “Company Directory” of this report. Market forecasts, segmented by industry, payload capacity, and application, extend through 2025.

Cobot Revenue and Shipments, World Markets: 2018-2025



Source: Omdia

Report Coverage

KEY ISSUES ADDRESSED	KEY MARKET FORECASTS	COVERAGE	APPLICABLE TO
<ul style="list-style-type: none"> • What is the current state of the global cobot market? • What key market trends are affecting the growth of the cobot market? • How will the market develop through 2025? • What are the major drivers of market growth and the key challenges faced by the industry? • What are the bottlenecks in technology development for cobots? • Which companies are important players and what are their products and services? • What is the size of the global cobot market opportunity? • What are the strategic recommendations for market participants? 	<ul style="list-style-type: none"> • Cobot Shipments by Industry, World Markets: 2018-2025 • Cobot Revenue by Industry, World Markets: 2018-2025 • Cobot Shipments by Payload Capacity, World Markets: 2018-2025 • Cobot Revenue by Payload Capacity, World Markets: 2018-2025 • Cobot Shipments by Application, World Markets: 2018-2025 • Cobot Revenue by Application, World Markets: 2018-2025 • Cobot Shipments by Payload Capacity, Total Industrial, World Markets: 2018-2025 • Cobot Revenue by Payload Capacity, Total Enterprise, World Markets: 2018-2025 	<p>Industry Segments</p> <ul style="list-style-type: none"> • Automotive • Electrical • Enterprise • Industrial • Manufacturing • Warehousing & Logistics • Food & Beverage 	<p>Payload Capacity Categories</p> <ul style="list-style-type: none"> • Less than 11 lbs (<5 kg) • 11 lbs to 22 lbs (5 kg to 10 kg) • Greater than 22 lbs (>10 kg)
			<ul style="list-style-type: none"> • Cobot hardware manufacturers and integrators • Cobot platform service providers • Smart manufacturers • Automotive manufacturers • Electrical, electronic, and semiconductor makers • Warehousing & logistics companies • Food & beverage companies • Investor community

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ABOUT OMDIA

Omdia is a global technology research powerhouse, established following the merger of the research division of Informa Tech (Ovum, Heavy Reading, and Tractica) and the acquired Omdia technology research portfolio.* We combine the expertise of more than 400 analysts across the entire technology spectrum, covering 150 markets. We publish over 3,000 research reports annually, reaching more than 14,000 subscribers, and cover thousands of technology, media, and telecommunications companies. Our exhaustive intelligence and deep technology expertise enable us to uncover actionable insights that help our customers connect the dots in today's constantly evolving technology environment and empower them to improve their businesses—today and tomorrow.

*The majority of Omdia technology research products and solutions were acquired by Informa in August 2019 and are now part of Omdia.

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