

Collaborative Robot Market by Payload (Less than 5 kg, 5-10 kg, 11-25 kg, More than 25 kg), Component (Hardware, Software), Application (Handling, Assembling & Disassembling, Dispensing, Processing), Industry and Region - Global Forecast to 2030

Market Report | 2025-05-30 | 347 pages | MarketsandMarkets

AVAILABLE LICENSES:

- Single User \$4950.00
- Multi User \$6650.00
- Corporate License \$8150.00
- Enterprise Site License \$10000.00

Report description:

The global collaborative robot market is projected to grow from USD 1.42 billion in 2025 to USD 3.38 billion by 2030 at a CAGR of 18.9% from 2025 to 2030. Collaborative robots significantly benefit businesses of all sizes by enhancing operational efficiency, reducing labor costs, and improving workplace safety. Their flexibility, ease of integration, and ability to work alongside humans without extensive safety infrastructure make them accessible to both large enterprises and small and medium-sized businesses. Cobots facilitate a fast return on investment and can be easily redeployed for different tasks, making them perfect for a dynamic production scenario. This adaptability is one of the primary reasons for their increasing market penetration in various industries.

"Hardware components to account for larger market share in 2030"

Hardware components in the collaborative robot market, including sensors, actuators, controllers, and robotic arms, form the core of cobot functionality. The growing demand for sophisticated and reliable robotic systems fuels investments in high-performance hardware components. With cobots' increased sophistication and complex-task handling capabilities, demand for solid hardware solutions is expanding even further. Also, continued innovation in lightweight materials and miniaturization reinforces hardware dominance. This element continues to be critical to facilitating safe, accurate, and effective human-robot collaboration.

"Handling applications to capture largest share of collaborative robot market throughout forecast period"

The handling application segment of the collaborative robot market is experiencing growth due to the high demand for material handling, picking and placing, packing, and palletizing functions. Collaborative robots, or cobots, are ideal for these applications because they offer precision, repeatability, and the ability to work safely alongside humans. Logistics, electronics, and automotive industries increasingly adopt cobots to enhance workflow efficiency. Their flexibility and ease of integration are key factors driving

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

the growth of this segment.

"China to hold largest share of Asia Pacific collaborative robot market in 2030"

The collaborative robot market in China is driven by its strong manufacturing base and aggressive push toward industrial automation. The country's leadership in sectors such as electronics, automotive, and consumer goods creates substantial demand for flexible automation solutions. Cobots are particularly well-suited for China's dynamic production environments due to their ease of deployment, cost efficiency, and ability to work safely alongside humans. Moreover, government initiatives such as "Made in China 2025" further accelerate smart factory development and cobot adoption. Additionally, government initiatives such as "Made in China 2025" continue to accelerate smart factory development, and therefore the acceptance of cobots.

Extensive primary interviews were conducted with key industry experts in the collaborative robot market space to determine and verify the market size for various segments and subsegments gathered through secondary research. The breakup of primary participants for the report is shown below: The study contains insights from various industry experts, from component suppliers to Tier 1 companies and OEMs. The breakup of the primaries is as follows:

-□By Company Type: Tier 1 - 40%, Tier 2 - 35%, and Tier 3 - 25%

-□By Designation: C-level Executives - 45%, Directors - 35%, and Others - 20%

-□By Region: North America - 30%, Europe - 22%, Asia Pacific - 40%, and RoW - 8%

Note: Three tiers of companies are defined based on their total revenue as of 2024; tier 1: revenue more than or equal to USD 500 million, tier 2: revenue between USD 100 million and USD 500 million, and tier 3: revenue less than or equal to USD 100 million.

Other designations include sales and marketing executives, researchers, and members of various collaborative robot organizations.

Universal Robots A/S (Denmark), FANUC CORPORATION (Japan), ABB (Switzerland), TECHMAN ROBOT INC. (Taiwan), AUBO (BEIJING) ROBOTICS TECHNOLOGY CO., LTD (China), KUKA AG (Germany), Doosan Robotics Inc. (South Korea), DENSO CORPORATION (Japan), YASKAWA ELECTRIC CORPORATION (Japan), Rethink Robotics (US), SIASUN Robot & Automation CO., Ltd (China), Franka Robotics GmbH (Germany), Comau S.p.A. (Italy), F&P Robotics AG (Switzerland), Staubli International AG. (Switzerland), Bosch Rexroth AG (Germany), Productive Robotics LLC (US), NEURA Robotics GmbH (Germany), ElephantRobotics (China), Elite Robots (China), Niryo (France), Hanwha Group (South Korea), Omron Corporation (US), and MIP robotics (France) are some key players in the collaborative robot market.

The study includes an in-depth competitive analysis of these key players in the collaborative robot market, with their company profiles, recent developments, and key market strategies.

Study Coverage: This research report categorizes the collaborative robot market based on payload (less than 5 kg, 5-10 kg, 11-25 kg, more than 25 kg), component (hardware, software), application (handling, welding & soldering, assembling & disassembling, dispensing, processing, other applications), industry (automotive, electronics, metals & machining, plastics & polymers, food & beverages, furniture & equipment, healthcare, logistics, other industries), and region (North America, Europe, Asia Pacific and RoW). The report describes the major drivers, restraints, challenges, and opportunities pertaining to the collaborative robot market and forecasts the same till 2030. The report also consists of leadership mapping and analysis of all the companies included in the collaborative robot ecosystem.

Key Benefits of Buying the Report The report will help the market leaders/new entrants in this market by providing information on the closest approximations of the revenue numbers for the overall collaborative robot market and the subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and plan suitable go-to-market strategies. The report also helps stakeholders understand the market pulse and provides information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- Analysis of key drivers (higher return on investment than traditional industrial robotic systems, increased demand in e-commerce and logistics sectors, significant benefits in businesses of all sizes, and easy programming of cobots) restraints (higher preference for low-payload-capacity robots in heavy-duty industrial applications), opportunities (increasing focus of automation experts on pairing robotic arms with mobile platforms, growing number of subscriptions for Robotics-as-a-Service model, rising demand for automation in healthcare industry), and challenges (payload and speed limitations due to inherently designed cobots, difficulties in adapting to new standards and cybersecurity challenges related to connected robots) influencing the growth of the collaborative robot market

- Product Development/Innovation: Detailed insights into upcoming technologies, research and development activities, and the latest product and service launches in the collaborative robot market

- Market Development: Comprehensive information about lucrative markets - the report analyzes the collaborative robot market across varied regions

- Market Diversification: Exhaustive information about new products and services, untapped geographies, recent developments, and investments in the collaborative robot market

- Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading players, such as Universal Robots A/S (Denmark), FANUC CORPORATION (Japan), ABB (Switzerland), TECHMAN ROBOT INC. (Taiwan), AUBO (BEIJING) ROBOTICS TECHNOLOGY CO., LTD (China) in the collaborative robot market

Table of Contents:

1□INTRODUCTION□	26
1.1□STUDY OBJECTIVES□	26
1.2□MARKET DEFINITION□	26
1.3□STUDY SCOPE□	27
1.3.1□MARKETS COVERED AND REGIONAL SCOPE□	27
1.3.2□INCLUSIONS AND EXCLUSIONS□	27
1.3.3□YEARS CONSIDERED□	29
1.4□CURRENCY CONSIDERED□	29
1.5□UNITS CONSIDERED□	29
1.6□LIMITATIONS□	30
1.7□STAKEHOLDERS□	30
1.8□SUMMARY OF CHANGES□	30
2□RESEARCH METHODOLOGY□	32
2.1□RESEARCH DATA□	32
2.1.1□SECONDARY DATA□	33
2.1.1.1□List of key secondary sources□	33
2.1.1.2□Key data from secondary sources□	34
2.1.2□PRIMARY DATA□	34
2.1.2.1□List of primary interview participants□	34
2.1.2.2□Key data from primary sources□	35
2.1.2.3□Key industry insights□	35
2.1.2.4□Breakdown of primary interviews□	36
2.1.3□SECONDARY AND PRIMARY RESEARCH□	37
2.2□MARKET SIZE ESTIMATION□	37
2.2.1□BOTTOM-UP APPROACH□	38
2.2.1.1□Approach to capture market size using bottom-up analysis (demand side)□	38
2.2.2□TOP-DOWN APPROACH□	39

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

2.2.2.1	Approach to capture market size using top-down analysis (supply side)	39
2.3	DATA TRIANGULATION	41
2.4	RESEARCH ASSUMPTIONS	42
2.4.1	ASSUMPTIONS	42
2.5	RESEARCH LIMITATIONS	42
3	EXECUTIVE SUMMARY	43
?		
4	PREMIUM INSIGHTS	47
4.1	ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN COLLABORATIVE ROBOT MARKET	47
4.2	COLLABORATIVE ROBOT MARKET, BY PAYLOAD	47
4.3	COLLABORATIVE ROBOT MARKET, BY APPLICATION	48
4.4	COLLABORATIVE ROBOT MARKET, BY INDUSTRY	48
4.5	COLLABORATIVE ROBOT MARKET, BY COUNTRY	49
5	MARKET OVERVIEW	50
5.1	INTRODUCTION	50
5.2	MARKET DYNAMICS	50
5.2.1	DRIVERS	51
5.2.1.1	Higher return on investment than traditional industrial robotic systems	51
5.2.1.2	Increased demand in e-commerce and logistics sectors	53
5.2.1.3	Significant benefits for businesses of all sizes	54
5.2.1.4	Easy programming of cobots	55
5.2.2	RESTRAINTS	56
5.2.2.1	Higher preference for low-payload-capacity robots in heavy-duty industrial applications	56
5.2.3	OPPORTUNITIES	57
5.2.3.1	Increasing focus of automation experts on pairing robotic arms with mobile platforms	57
5.2.3.2	Growing number of subscriptions for Robotics-as-a-Service model	58
5.2.3.3	Rising demand for automation in healthcare industry	59
5.2.4	CHALLENGES	60
5.2.4.1	Inherent payload and speed limitations	60
5.2.4.2	Difficulties in adapting to new standards and cybersecurity challenges related to connected robots	61
6	MARKET OVERVIEW	62
6.1	TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS	62
6.2	PRICING ANALYSIS	63
6.2.1	AVERAGE SELLING PRICE OF COLLABORATIVE ROBOTS OFFERED BY KEY PLAYERS, BY PAYLOAD	64
6.2.2	AVERAGE SELLING PRICE TREND, BY REGION	65
6.3	VALUE CHAIN ANALYSIS	66
6.4	ECOSYSTEM ANALYSIS	69
6.5	TECHNOLOGY ANALYSIS	71
6.5.1	KEY TECHNOLOGIES	71
6.5.1.1	Integration of embedded vision with collaborative robots	71
6.5.1.2	Pairing of collaborative robots with mobile platforms	72
6.5.2	COMPLEMENTARY TECHNOLOGIES	73
6.5.2.1	Penetration of IIoT and AI in industrial manufacturing	73

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

6.5.2.2	Adoption of innovative grippers in robotics manipulation	74
6.5.3	ADJACENT TECHNOLOGIES	74
6.5.3.1	Penetration of 5G in industrial manufacturing	74
6.6	PATENT ANALYSIS	75
6.7	TRADE ANALYSIS	77
6.7.1	IMPORT SCENARIO (HS CODE 847950)	77
6.7.2	EXPORT SCENARIO (HS CODE 847950)	79
6.8	KEY CONFERENCES AND EVENTS, 2025-2026	80
6.9	CASE STUDY ANALYSIS	82
6.9.1	SEAT COMPONENTS - STREAMLINING GEARBOX MANUFACTURING WITH COLLABORATIVE ROBOTS	82
6.9.2	FINNISH MANUFACTURER OVERCOMING WELDING CAPACITY CHALLENGES WITH ABB GOFA COBOTS	82
6.9.3	ACTION PLASTICS - TRANSFORMING PRODUCTION WITH OB7 COLLABORATIVE ROBOTS	83
6.9.4	ABB GOFA COBOT BOOSTS PRODUCTION CAPACITY FOR METEC	83
6.9.5	NAPCO BRANDS - REVOLUTIONIZING COFFEE BEAN PACKAGING WITH COLLABORATIVE ROBOTS	84
6.10	INVESTMENT AND FUNDING SCENARIO	85
6.11	TARIFF AND REGULATORY LANDSCAPE	85
6.11.1	REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	85
6.11.2	STANDARDS AND REGULATIONS RELATED TO COLLABORATIVE ROBOTS	89
6.12	PORTER'S FIVE FORCES ANALYSIS	91
6.12.1	THREAT OF NEW ENTRANTS	92
6.12.2	THREAT OF SUBSTITUTES	92
6.12.3	BARGAINING POWER OF SUPPLIERS	93
6.12.4	BARGAINING POWER OF BUYERS	93
6.12.5	INTENSITY OF COMPETITIVE RIVALRY	93
6.13	KEY STAKEHOLDERS AND BUYING CRITERIA	93
6.13.1	KEY STAKEHOLDERS IN BUYING PROCESS	93
6.13.2	BUYING CRITERIA	94
6.14	2025 US TARIFF IMPACT ON COLLABORATIVE ROBOT MARKET	95
6.14.1	INTRODUCTION	95
6.14.2	KEY TARIFF RATES	95
6.14.3	PRICE IMPACT ANALYSIS	97
6.14.4	KEY IMPACTS ON COUNTRIES/REGIONS	97
6.14.4.1	US	97
6.14.4.2	Europe	97
6.14.4.3	Asia Pacific	98
6.14.5	IMPACT ON END-USE INDUSTRIES	98
6.15	IMPACT OF AI ON COLLABORATIVE ROBOT MARKET	99
6.15.1	INTRODUCTION	99
7	INTEGRATION OF COBOTS AND IOT	101
7.1	INTRODUCTION	101
7.2	CONNECTIVITY TECHNOLOGY	102
7.2.1	ETHERNET	102
7.2.2	WI-FI	103
7.2.3	BLUETOOTH	103
7.2.4	CELLULAR	103
7.2.4.1	4G connectivity	103
7.2.4.2	5G connectivity	104

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

7.3	INTEROPERABILITY SOFTWARE	105
8	HUMAN-ROBOT COLLABORATIVE OPERATIONAL ENVIRONMENT	106
8.1	INTRODUCTION	106
8.2	SAFETY-RATED MONITORED STOP	106
8.3	HAND GUIDING	107
8.4	SPEED REDUCTION AND SEPARATION MONITORING	108
8.5	POWER AND FORCE LIMITING	109
9	COLLABORATIVE ROBOT MARKET, BY PAYLOAD	111
9.1	INTRODUCTION	112
9.2	LESS THAN 5 KG	114
9.2.1	INHERENT SAFETY FEATURES AND APPLICATIONS ACROSS INDUSTRIES TO DRIVE MARKET	114
9.3	5-10 KG	119
9.3.1	GROWING DEMAND IN FACTORY AUTOMATION TASKS TO DRIVE MARKET	119
9.4	11-25 KG	124
9.4.1	INCREASING DEPLOYMENT IN VARIOUS APPLICATIONS TO DRIVE MARKET	124
9.5	MORE THAN 25 KG	129
9.5.1	INCREASING DEMAND IN MANUFACTURING AND LOGISTICS TO DRIVE MARKET	129
10	COLLABORATIVE ROBOT MARKET, BY COMPONENT	134
10.1	INTRODUCTION	134
10.2	HARDWARE	135
10.2.1	ROBOTIC ARMS	136
10.2.1.1	Use of robotic arms with joints increasing to enable linear and circular motion	136
10.2.2	END EFFECTORS	137
10.2.2.1	Need for enhanced manufacturing efficiency to increase adoption	137
10.2.2.2	Welding guns	137
10.2.2.3	Grippers	139
10.2.2.3.1	Pneumatic grippers	139
10.2.2.3.2	Electric grippers	140
10.2.2.3.3	Dexterous robotic hands	141
10.2.2.3.3.1	4-finger robotic hands	141
10.2.2.3.3.2	5-finger robotic hands	142
10.2.2.3.4	Vacuum grippers	142
10.2.2.3.5	Magnetic grippers	143
10.2.2.4	Robotic screwdrivers	144
10.2.2.5	Sanding and deburring tools	144
10.2.2.6	Other EOATS	145
10.2.3	DRIVES	145
10.2.3.1	Reliance on drives to convert electrical energy into mechanical energy to drive demand	145
10.2.4	CONTROLLERS	145
10.2.4.1	Importance of enabling safe and effective human-robot collaboration to drive demand	145
10.2.5	SENSORS	146
10.2.5.1	Employment of sensors increasing to convert information into meaningful data	146
10.2.6	POWER SUPPLIES	147
10.2.6.1	Need for suitable power supplies for safe and efficient operation to drive demand	147
10.2.7	MOTORS	147
10.2.7.1	Need for rotational or linear force for precise movement and operation to drive demand	147
10.2.8	OTHER HARDWARE	147

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

10.3	SOFTWARE	148
10.3.1	RIISING FOCUS ON DEVELOPING INTUITIVE PROGRAMMING SOFTWARE TO DRIVE MARKET	148
11	COLLABORATIVE ROBOT MARKET, BY APPLICATION	150
11.1	INTRODUCTION	151
11.2	HANDLING	154
11.2.1	PICK & PLACE	157
11.2.1.1	Offers easy-to-program solutions for first-time users	157
11.2.2	MATERIAL HANDLING	158
11.2.2.1	Technological advancements to increase capabilities of material-handling collaborative robots to drive market	158
11.2.3	PACKAGING & PALLETIZING	159
11.2.3.1	Requirement for medium payload collaborative robots to drive demand	159
11.2.4	MACHINE TENDING	160
11.2.4.1	Deployment of collaborative robots in CNC, injection, and blow molding operations to fuel demand	160
	?	
11.3	ASSEMBLING & DISASSEMBLING	160
11.3.1	NUT FASTENING	163
11.3.1.1	Increasing adoption in nut-fastening processes on medium and large workpieces to drive market	163
11.3.2	SCREWDRIVING	163
11.3.2.1	Need for efficiency and consistency to drive market growth	163
11.4	WELDING & SOLDERING	164
11.4.1	COLLABORATIVE ROBOTS SUITED FOR WELDING APPLICATIONS IN LOW-VOLUME, HIGH-MIX OPERATIONS	164
11.5	DISPENSING	167
11.5.1	GLUING	170
11.5.1.1	Robotic gluing ensures quality and consistency of application	170
11.5.2	PAINTING	171
11.5.2.1	Collaborative robot painting suitable for low-volume production	171
11.6	PROCESSING	172
11.6.1	GRINDING	174
11.6.1.1	Use of force/torque sensors with end effectors ensuring consistency in grinding tasks	174
11.6.2	MILLING	174
11.6.2.1	Demand for automation in deburring, chamfering, and scraping requirements in milling tasks to boost market growth	174
11.6.3	CUTTING	175
11.6.3.1	Increasing demand in small-scale cutting applications to drive market	175
11.7	OTHER APPLICATIONS	176
11.7.1	INSPECTION & QUALITY TESTING	179
11.7.2	DIE-CASTING & MOLDING	180
12	COLLABORATIVE ROBOT MARKET, BY INDUSTRY	181
12.1	INTRODUCTION	182
12.2	AUTOMOTIVE	185
12.2.1	REQUIREMENT FOR PERFORMANCE OF LIGHT AND REPETITIVE TASKS TO DRIVE DEMAND	185
12.3	ELECTRONICS	189
12.3.1	NEED TO MANAGE SMALL AND FRAGILE COMPONENTS TO DRIVE DEMAND	189
12.4	METALS & MACHINING	193
12.4.1	INCREASING USE OF COLLABORATIVE ROBOTS ALONGSIDE CNC	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

AND OTHER HEAVY MACHINERY TO DRIVE MARKET 193

12.5 PLASTICS & POLYMERS 196

12.5.1 ADOPTION OF LOW PAYLOAD CAPACITY COLLABORATIVE ROBOTS TO DRIVE DEMAND 196

12.6 FOOD & BEVERAGES 199

12.6.1 DEMAND IN PRIMARY AND SECONDARY HANDLING APPLICATIONS TO DRIVE MARKET 199

?

12.7 FURNITURE & EQUIPMENT 202

12.7.1 REQUIREMENT FOR VARIOUS PICK-AND-PLACE AND MACHINE-TENDING TASKS TO DRIVE DEMAND 202

12.8 HEALTHCARE 205

12.8.1 INCREASING DEMAND IN NON-SURGICAL APPLICATIONS TO DRIVE MARKET 205

12.9 LOGISTICS 208

12.9.1 INCREASING USE IN PICK & PLACE APPLICATIONS TO DRIVE DEMAND 208

12.10 OTHER INDUSTRIES 210

13 COLLABORATIVE ROBOT MARKET, BY REGION 214

13.1 INTRODUCTION 215

13.2 NORTH AMERICA 217

13.2.1 MACROECONOMIC OUTLOOK FOR NORTH AMERICA 217

13.2.2 US 221

13.2.2.1 Increased demand in various industries to drive market 221

13.2.3 CANADA 223

13.2.3.1 Foreign investments in automotive sector and government support for healthcare sector to drive market 223

13.2.4 MEXICO 225

13.2.4.1 Government measures to augment manufacturing activities to drive market 225

13.3 EUROPE 226

13.3.1 MACROECONOMIC OUTLOOK FOR EUROPE 226

13.3.2 GERMANY 230

13.3.2.1 Prominent presence of automotive and electronics industries to drive market 230

13.3.3 ITALY 232

13.3.3.1 Changing consumer needs in automotive sector to drive market 232

13.3.4 SPAIN 233

13.3.4.1 Adoption of automation in manufacturing industries to fuel demand 233

13.3.5 FRANCE 234

13.3.5.1 Government funding to boost automation and deployment of collaborative robots to drive market 234

13.3.6 UK 235

13.3.6.1 Investments in R&D to revive automotive industry to support market growth 235

13.3.7 REST OF EUROPE 236

13.4 ASIA PACIFIC 237

13.4.1 MACROECONOMIC OUTLOOK FOR ASIA PACIFIC 237

13.4.2 CHINA 242

13.4.2.1 Increasing investments in automation to drive market 242

13.4.3 SOUTH KOREA 243

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

13.4.3.1	Rising deployment in automotive and electronics industries to drive market	243
13.4.4	JAPAN	244
13.4.4.1	Increasing use of electric and hybrid vehicles to drive market	244
13.4.5	TAIWAN	245
13.4.5.1	Growth of electrical & electronics industry to drive market	245
13.4.6	THAILAND	246
13.4.6.1	Thailand 4.0 initiative to support market growth	246
13.4.7	INDIA	247
13.4.7.1	Increasing demand from manufacturing sector to drive market	247
13.4.8	REST OF ASIA PACIFIC	249
13.5	ROW	250
13.5.1	MACROECONOMIC OUTLOOK IN ROW	250
13.5.2	SOUTH AMERICA	253
13.5.2.1	Increasing adoption in healthcare sector to drive market	253
13.5.3	MIDDLE EAST	254
13.5.3.1	Increasing automation across various industries to fuel demand	254
13.5.3.2	GCC	255
13.5.3.2.1	Saudi Arabia	255
13.5.3.2.2	UAE	255
13.5.3.2.3	Rest of GCC	256
13.5.3.3	Rest of Middle East	257
13.5.4	AFRICA	258
13.5.4.1	Rising adoption in security and healthcare sectors to drive market	258
14	COMPETITIVE LANDSCAPE	259
14.1	OVERVIEW	259
14.2	KEY PLAYERS' STRATEGIES/RIGHT TO WIN, 2021-2025	259
14.3	REVENUE ANALYSIS	261
14.4	MARKET SHARE ANALYSIS, 2024	262
14.5	COMPANY VALUATION AND FINANCIAL METRICS	264
14.6	BRAND/PRODUCT COMPARISON	265
14.7	COMPANY EVALUATION MATRIX: KEY PLAYERS, 2024	266
14.7.1	STARS	266
14.7.2	EMERGING LEADERS	266
14.7.3	PERVASIVE PLAYERS	266
14.7.4	PARTICIPANTS	266
14.7.5	COMPANY FOOTPRINT: KEY PLAYERS, 2024	268
14.7.5.1	Company footprint	268
14.7.5.2	Region footprint	268
14.7.5.3	Payload footprint	269
14.7.5.4	Application footprint	270
14.7.5.5	Industry footprint	271
	?	
14.8	COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2024	272
14.8.1	PROGRESSIVE COMPANIES	272
14.8.2	RESPONSIVE COMPANIES	272
14.8.3	DYNAMIC COMPANIES	272

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

14.8.4	STARTING BLOCKS	272
14.8.5	COMPETITIVE BENCHMARKING: STARTUPS/SMES, 2024	274
14.8.5.1	Detailed list of key startups/SMES	274
14.8.5.2	Competitive benchmarking of key startups/SMES	275
14.9	COMPETITIVE SCENARIO	276
14.9.1	PRODUCT LAUNCHES	276
14.9.2	DEALS	277
14.9.3	EXPANSIONS	279
15	COMPANY PROFILES	281
15.1	INTRODUCTION	281
15.2	KEY PLAYERS	281
15.2.1	UNIVERSAL ROBOTS A/S	281
15.2.1.1	Business overview	281
15.2.1.2	Products/Solutions/Services offered	282
15.2.1.3	Recent developments	283
15.2.1.3.1	Product launches	283
15.2.1.3.2	Deals	285
15.2.1.3.3	Expansions	286
15.2.1.4	MnM view	286
15.2.1.4.1	Key strengths	286
15.2.1.4.2	Strategic choices	286
15.2.1.4.3	Weaknesses and competitive threats	286
15.2.2	FANUC CORPORATION	287
15.2.2.1	Business overview	287
15.2.2.2	Products/Solutions/Services offered	288
15.2.2.3	Recent developments	289
15.2.2.3.1	Product launches	289
15.2.2.3.2	Expansions	289
15.2.2.4	MnM view	290
15.2.2.4.1	Key strengths	290
15.2.2.4.2	Strategic choices	290
15.2.2.4.3	Weaknesses and competitive threats	290
15.2.3	ABB	291
15.2.3.1	Business overview	291
15.2.3.2	Products/Solutions/Services offered	292
15.2.3.3	Recent developments	294
15.2.3.3.1	Product launches	294
15.2.3.3.2	Deals	295
15.2.3.3.3	Expansions	297
15.2.3.4	MnM view	299
15.2.3.4.1	Key strengths	299
15.2.3.4.2	Strategic choices	299
15.2.3.4.3	Weaknesses and competitive threats	299
15.2.4	TECHMAN ROBOT INC.	300
15.2.4.1	Business overview	300
15.2.4.2	Products/Solutions/Services offered	301
15.2.4.3	Recent developments	301

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

15.2.4.3.1	Product launches	301
15.2.4.3.2	Deals	302
15.2.4.4	MnM view	302
15.2.4.4.1	Key strengths	302
15.2.4.4.2	Strategic choices	302
15.2.4.4.3	Weaknesses and competitive threats	302
15.2.5	AUBO (BEIJING) ROBOTICS TECHNOLOGY CO., LTD.	303
15.2.5.1	Business overview	303
15.2.5.2	Products/Solutions/Services offered	304
15.2.5.3	Recent developments	304
15.2.5.3.1	Product launches	304
15.2.5.3.2	Deals	305
15.2.5.3.3	Expansions	305
15.2.5.4	MnM view	306
15.2.5.4.1	Key strengths	306
15.2.5.4.2	Strategic choices	306
15.2.5.4.3	Weaknesses and competitive threats	306
15.2.6	KUKA AG	307
15.2.6.1	Business overview	307
15.2.6.2	Products/Solutions/Services offered	308
15.2.6.3	Recent developments	309
15.2.6.3.1	Product launches	309
15.2.6.3.2	Deals	309
15.2.7	DOOSAN ROBOTICS INC.	310
15.2.7.1	Business overview	310
15.2.7.2	Products/Solutions/Services offered	310
15.2.7.3	Recent developments	311
15.2.7.3.1	Product launches	311
15.2.7.3.2	Deals	312
15.2.7.3.3	Expansions	312
?		
15.2.8	DENSO CORPORATION	313
15.2.8.1	Business overview	313
15.2.8.2	Products/Solutions/Services offered	314
15.2.8.3	Recent developments	315
15.2.8.3.1	Deals	315
15.2.9	YASKAWA ELECTRIC CORPORATION	316
15.2.9.1	Business overview	316
15.2.9.2	Products/Solutions/Services offered	317
15.2.9.3	Recent developments	318
15.2.9.3.1	Deals	318
15.2.9.3.2	Expansions	318
15.2.10	RETHINK ROBOTICS	319
15.2.10.1	Business overview	319
15.2.10.2	Products/Solutions/Services offered	320
15.3	OTHER PLAYERS	321
15.3.1	SIASUN ROBOT & AUTOMATION CO., LTD.	321

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

15.3.2	FRANKA ROBOTICS GMBH	322
15.3.3	COMAU S.P.A.	323
15.3.4	F&P ROBOTICS AG	324
15.3.5	STAUBLI INTERNATIONAL AG	325
15.3.6	BOSCH REXROTH AG	326
15.3.7	PRODUCTIVE ROBOTICS LLC	327
15.3.8	NEURA ROBOTICS GMBH	328
15.3.9	ELEPHANTROBOTICS	329
15.3.10	ELITE ROBOTS	330
15.3.11	NIRYO	331
15.3.12	HANWHA CORPORATION	332
15.3.13	OMRON ADEPT TECHNOLOGY, INC.	333
15.3.14	MIP ROBOTICS	334
15.3.15	KAWASAKI ROBOTICS	335
15.3.16	DOBOT	336
15.3.17	JAKA ROBOTICS	337
15.3.18	HUILING-TECH ROBOTIC CO., LTD.	338
16	APPENDIX	339
16.1	DISCUSSION GUIDE	339
16.2	KNOWLEDGESTORE: MARKETSANDMARKETS? SUBSCRIPTION PORTAL	343
16.3	CUSTOMIZATION OPTIONS	345
16.4	RELATED REPORTS	345
16.5	AUTHOR DETAILS	346

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Collaborative Robot Market by Payload (Less than 5 kg, 5-10 kg, 11-25 kg, More than 25 kg), Component (Hardware, Software), Application (Handling, Assembling & Disassembling, Dispensing, Processing), Industry and Region - Global Forecast to 2030

Market Report | 2025-05-30 | 347 pages | MarketsandMarkets

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User	\$4950.00
	Multi User	\$6650.00
	Corporate License	\$8150.00
	Enterprise Site License	\$10000.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	2025-06-14
		Signature	<div></div>