

Europe Autonomous Mobile Robots (AMR) Market Forecast 2024-2032

Market Report | 2024-05-20 | 146 pages | Inkwood Research

AVAILABLE LICENSES:

- Single User Price \$1600.00
- Global Site License \$2200.00

Report description:

KEY FINDINGS

The Europe autonomous mobile robots (AMR) market is expected to register a CAGR of 18.76% during the forecast period, 2024-2032. The increasing use of AMRs in education, research, and warehouses offers commercial growth opportunities.

MARKET INSIGHTS

France, Germany, the United Kingdom, Spain, Poland, Italy, Belgium, and Rest of Europe are analyzed for the Europe autonomous mobile robots (AMR) market growth evaluation. Germany has several growth prospects with regard to the market analyzed. It is the largest economy in Europe and the fourth-largest globally. More than 99% of the German companies are small & medium enterprises. Also, the launch of UAVs in these enterprises is estimated to enhance productivity. In addition, the country has a decent R&D expenditure.

Further, one of the key strengths of the German economy is advanced manufacturing, which is increasingly prioritized by the government. It also has the advantage of high robot density, highlighting the prominence of automation in the industries. Moreover, it is also the largest robot market in Europe, accounting for 38% of the region's industrial robots operating in factories. France is one of the leading industrial producers, with machine tools, mechanical equipment, electrical machinery, ships & trains, aircraft, automobiles, and food products as its main sectors. It is a key market for vendors operating in the European region. Also, it is the second-largest e-commerce market in Europe. In terms of recent developments in the AMR market, Stanley Robotics and Tramosa announced to use AMRs for storing and moving cars as of July 2021. Such factors drive market growth in these countries.

COMPETITIVE INSIGHTS

KUKA AG, Clearpath Robotics Inc, Boston Dynamics, etc., are among the eminent market players.

Our report offerings include:

- Explore key findings of the overall market
- Strategic breakdown of market dynamics (Drivers, Restraints, Opportunities, Challenges)
- Market forecasts for a minimum of 9 years, along with 3 years of historical data for all segments, sub-segments, and regions
- Market Segmentation cater to a thorough assessment of key segments with their market estimations
- Geographical Analysis: Assessments of the mentioned regions and country-level segments with their market share
- Key analytics: Porter's Five Forces Analysis, Vendor Landscape, Opportunity Matrix, Key Buying Criteria, etc.
- Competitive landscape is the theoretical explanation of the key companies based on factors, market share, etc.

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- Company profiling: A detailed company overview, product/services offered, SCOT analysis, and recent strategic developments

Table of Contents:

TABLE OF CONTENTS

1. RESEARCH SCOPE & METHODOLOGY

1.1. STUDY OBJECTIVES

1.2. METHODOLOGY

1.3. ASSUMPTIONS & LIMITATIONS

2. EXECUTIVE SUMMARY

2.1. MARKET SIZE & ESTIMATES

2.2. MARKET OVERVIEW

2.3. SCOPE OF STUDY

2.4. CRISIS SCENARIO ANALYSIS

2.4.1. IMPACT OF COVID-19 ON AUTONOMOUS MOBILE ROBOTS (AMR) MARKET

2.5. MAJOR MARKET FINDINGS

2.5.1. SIGNIFICANT GROWTH IN DEMAND FOR AMRs IN LOGISTICS AND WAREHOUSE MANAGEMENT

2.5.2. EXPANSION OF APPLICATIONS INTO HEALTHCARE, RETAIL, AND MANUFACTURING SECTORS

2.5.3. INCREASED INVESTMENT AND PARTNERSHIPS AMONG KEY PLAYERS

2.5.4. ROBOTICS-AS-A-SERVICE (RAAS) ENABLES AMR ADOPTION WITH MINIMAL UPFRONT COSTS FOR BUSINESSES

3. MARKET DYNAMICS

3.1. KEY DRIVERS

3.1.1. INCREASING DEMAND FOR AUTOMATION AND EFFICIENCY IN VARIOUS INDUSTRIES

3.1.2. TECHNOLOGICAL ADVANCEMENTS IN SENSOR TECHNOLOGY AND ARTIFICIAL INTELLIGENCE

3.1.3. RISING ADOPTION OF E-COMMERCE AND WAREHOUSE AUTOMATION

3.1.4. COMPLIANCE WITH INDUSTRY REGULATIONS AND STANDARDS LIKE SAFETY AND HYGIENE

3.2. KEY RESTRAINTS

3.2.1. HIGH INITIAL INVESTMENTS AND INSTALLATION COSTS

3.2.2. CONCERNS REGARDING SAFETY AND SECURITY IN SHARED WORKSPACES

3.2.3. LACK OF SKILLED LABOR FOR OPERATION AND MAINTENANCE

4. KEY ANALYTICS

4.1. KEY MARKET TRENDS

4.1.1. INTEGRATION OF AMRs WITH INTERNET OF THINGS (IOT) FOR REAL-TIME MONITORING AND CONTROL

4.1.2. EMPHASIS ON COLLABORATIVE ROBOTS (COBOTS) FOR SAFE HUMAN-ROBOT INTERACTION

4.1.3. ADOPTION OF CLOUD-BASED SOFTWARE SOLUTIONS FOR FLEET MANAGEMENT AND OPTIMIZATION

4.1.4. DEVELOPMENT OF HYBRID AMRs CAPABLE OF BOTH MANUAL AND AUTONOMOUS OPERATION

4.2. PORTER'S FIVE FORCES ANALYSIS

4.2.1. BUYERS POWER

4.2.2. SUPPLIERS POWER

4.2.3. SUBSTITUTION

4.2.4. NEW ENTRANTS

4.2.5. INDUSTRY RIVALRY

4.3. GROWTH PROSPECT MAPPING

4.4. MARKET MATURITY ANALYSIS

4.5. MARKET CONCENTRATION ANALYSIS

4.6. VALUE CHAIN ANALYSIS

4.6.1. RESEARCH AND DEVELOPMENT (R&D)

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 4.6.2. COMPONENT MANUFACTURING
- 4.6.3. AMR SYSTEM INTEGRATION
- 4.6.4. INSTALLATION AND DEPLOYMENT
- 4.6.5. END-USERS
- 4.7. KEY BUYING CRITERIA
 - 4.7.1. FUNCTIONALITY
 - 4.7.2. SCALABILITY
 - 4.7.3. INTEGRATION
 - 4.7.4. RETURN OF INVESTMENT (ROI)
- 4.8. REGULATORY FRAMEWORK
- 5. MARKET BY COMPONENT
 - 5.1. HARDWARE
 - 5.1.1. MARKET FORECAST FIGURE
 - 5.1.2. SEGMENT ANALYSIS
 - 5.2. SOFTWARE
 - 5.2.1. MARKET FORECAST FIGURE
 - 5.2.2. SEGMENT ANALYSIS
 - 5.3. SERVICE
 - 5.3.1. MARKET FORECAST FIGURE
 - 5.3.2. SEGMENT ANALYSIS
- 6. MARKET BY ROBOT TYPE
 - 6.1. GOODS-TO-PERSON PICKING ROBOTS
 - 6.1.1. MARKET FORECAST FIGURE
 - 6.1.2. SEGMENT ANALYSIS
 - 6.2. SELF-DRIVING FORKLIFTS
 - 6.2.1. MARKET FORECAST FIGURE
 - 6.2.2. SEGMENT ANALYSIS
 - 6.3. AUTONOMOUS INVENTORY ROBOTS
 - 6.3.1. MARKET FORECAST FIGURE
 - 6.3.2. SEGMENT ANALYSIS
 - 6.4. UNMANNED AERIAL VEHICLES
 - 6.4.1. MARKET FORECAST FIGURE
 - 6.4.2. SEGMENT ANALYSIS
- 7. MARKET BY APPLICATION
 - 7.1. SORTING
 - 7.1.1. MARKET FORECAST FIGURE
 - 7.1.2. SEGMENT ANALYSIS
 - 7.2. PICK & PLACE
 - 7.2.1. MARKET FORECAST FIGURE
 - 7.2.2. SEGMENT ANALYSIS
 - 7.3. TOWING
 - 7.3.1. MARKET FORECAST FIGURE
 - 7.3.2. SEGMENT ANALYSIS
 - 7.4. TUGGING
 - 7.4.1. MARKET FORECAST FIGURE
 - 7.4.2. SEGMENT ANALYSIS
 - 7.5. OTHER APPLICATIONS

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 7.5.1. MARKET FORECAST FIGURE
- 7.5.2. SEGMENT ANALYSIS
- 8. MARKET BY END-USER
 - 8.1. AUTOMOTIVE
 - 8.1.1. MARKET FORECAST FIGURE
 - 8.1.2. SEGMENT ANALYSIS
 - 8.2. ELECTRONICS
 - 8.2.1. MARKET FORECAST FIGURE
 - 8.2.2. SEGMENT ANALYSIS
 - 8.3. HEALTHCARE & PHARMACEUTICALS
 - 8.3.1. MARKET FORECAST FIGURE
 - 8.3.2. SEGMENT ANALYSIS
 - 8.4. LOGISTICS & E-COMMERCE
 - 8.4.1. MARKET FORECAST FIGURE
 - 8.4.2. SEGMENT ANALYSIS
 - 8.5. AEROSPACE & DEFENSE
 - 8.5.1. MARKET FORECAST FIGURE
 - 8.5.2. SEGMENT ANALYSIS
 - 8.6. FAST-MOVING CONSUMER GOODS (FMCG)
 - 8.6.1. MARKET FORECAST FIGURE
 - 8.6.2. SEGMENT ANALYSIS
 - 8.7. OTHER END-USERS
 - 8.7.1. MARKET FORECAST FIGURE
 - 8.7.2. SEGMENT ANALYSIS
- 9. GEOGRAPHICAL ANALYSIS
 - 9.1. EUROPE
 - 9.1.1. MARKET SIZE & ESTIMATES
 - 9.1.2. EUROPE AUTONOMOUS MOBILE ROBOTS (AMR) MARKET DRIVERS
 - 9.1.3. EUROPE AUTONOMOUS MOBILE ROBOTS (AMR) MARKET RESTRAINTS
 - 9.1.4. KEY PLAYERS IN EUROPE AUTONOMOUS MOBILE ROBOTS (AMR) MARKET
 - 9.1.5. COUNTRY ANALYSIS
 - 9.1.5.1. UNITED KINGDOM
 - 9.1.5.1.1. UNITED KINGDOM AUTONOMOUS MOBILE ROBOTS (AMR) MARKET SIZE & OPPORTUNITIES
 - 9.1.5.2. GERMANY
 - 9.1.5.2.1. GERMANY AUTONOMOUS MOBILE ROBOTS (AMR) MARKET SIZE & OPPORTUNITIES
 - 9.1.5.3. FRANCE
 - 9.1.5.3.1. FRANCE AUTONOMOUS MOBILE ROBOTS (AMR) MARKET SIZE & OPPORTUNITIES
 - 9.1.5.4. ITALY
 - 9.1.5.4.1. ITALY AUTONOMOUS MOBILE ROBOTS (AMR) MARKET SIZE & OPPORTUNITIES
 - 9.1.5.5. SPAIN
 - 9.1.5.5.1. SPAIN AUTONOMOUS MOBILE ROBOTS (AMR) MARKET SIZE & OPPORTUNITIES
 - 9.1.5.6. BELGIUM
 - 9.1.5.6.1. BELGIUM AUTONOMOUS MOBILE ROBOTS (AMR) MARKET SIZE & OPPORTUNITIES
 - 9.1.5.7. POLAND
 - 9.1.5.7.1. POLAND AUTONOMOUS MOBILE ROBOTS (AMR) MARKET SIZE & OPPORTUNITIES
 - 9.1.5.8. REST OF EUROPE
 - 9.1.5.8.1. REST OF EUROPE AUTONOMOUS MOBILE ROBOTS (AMR) MARKET SIZE & OPPORTUNITIES

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 10. COMPETITIVE LANDSCAPE
 - 10.1. KEY STRATEGIC DEVELOPMENTS
 - 10.1.1. MERGERS & ACQUISITIONS
 - 10.1.2. PRODUCT LAUNCHES & DEVELOPMENTS
 - 10.1.3. PARTNERSHIPS & AGREEMENTS
 - 10.1.4. BUSINESS EXPANSIONS & DIVESTITURES
 - 10.2. COMPANY PROFILES
 - 10.2.1. ABB LTD (ASTI MOBILE ROBOTICS GROUP)
 - 10.2.1.1. COMPANY OVERVIEW
 - 10.2.1.2. PRODUCT LIST
 - 10.2.1.3. STRENGTHS & CHALLENGES
 - 10.2.2. AETHON INC
 - 10.2.2.1. COMPANY OVERVIEW
 - 10.2.2.2. PRODUCT LIST
 - 10.2.2.3. STRENGTHS & CHALLENGES
 - 10.2.3. BLEUM
 - 10.2.3.1. COMPANY OVERVIEW
 - 10.2.3.2. PRODUCT LIST
 - 10.2.3.3. STRENGTHS & CHALLENGES
 - 10.2.4. BOSTON DYNAMICS
 - 10.2.4.1. COMPANY OVERVIEW
 - 10.2.4.2. PRODUCT LIST
 - 10.2.4.3. STRENGTHS & CHALLENGES
 - 10.2.5. CLEARPATH ROBOTICS INC
 - 10.2.5.1. COMPANY OVERVIEW
 - 10.2.5.2. PRODUCT LIST
 - 10.2.5.3. STRENGTHS & CHALLENGES
 - 10.2.6. GREYORANGE
 - 10.2.6.1. COMPANY OVERVIEW
 - 10.2.6.2. PRODUCT LIST
 - 10.2.6.3. STRENGTHS & CHALLENGES
 - 10.2.7. INVIA ROBOTICS
 - 10.2.7.1. COMPANY OVERVIEW
 - 10.2.7.2. PRODUCT LIST
 - 10.2.7.3. STRENGTHS & CHALLENGES
 - 10.2.8. KUKA AG
 - 10.2.8.1. COMPANY OVERVIEW
 - 10.2.8.2. PRODUCT LIST
 - 10.2.8.3. STRENGTHS & CHALLENGES
 - 10.2.9. LOCUS ROBOTICS INC
 - 10.2.9.1. COMPANY OVERVIEW
 - 10.2.9.2. PRODUCT LIST
 - 10.2.9.3. STRENGTHS & CHALLENGES
 - 10.2.10. OMRON CORPORATION
 - 10.2.10.1. COMPANY OVERVIEW
 - 10.2.10.2. PRODUCT LIST
 - 10.2.10.3. STRENGTHS & CHALLENGES

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

10.2.11. TERADYNE INC
10.2.11.1. COMPANY OVERVIEW
10.2.11.2. PRODUCT LIST
10.2.11.3. STRENGTHS & CHALLENGES
10.2.12. VECNA ROBOTICS
10.2.12.1. COMPANY OVERVIEW
10.2.12.2. PRODUCT LIST
10.2.12.3. STRENGTHS & CHALLENGES

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Europe Autonomous Mobile Robots (AMR) Market Forecast 2024-2032

Market Report | 2024-05-20 | 146 pages | Inkwood Research

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 Price	\$1600.00
	Global Site License	\$2200.00
		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"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2025-06-26"/>
		Signature	<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