

Global Mining Automation Market Size study, By Technique (Underground mining, Surface mining), By Type (Equipment, Software, Communication systems), By Workflow (Mine development, Mining process, Mine maintenance) and Regional Forecasts 2021-2027

<https://marketpublishers.com/r/GB02D8266949EN.html>

Date: January 2022

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GB02D8266949EN

Abstracts

Global Mining Automation Market is valued at approximately USD 2.70 Billion in 2020 and is anticipated to grow with a healthy growth rate of more than 6.77% over the forecast period 2021-2027. Mining automation is a term that refers to an automated technology that facilitates the reduction of human labor during mining activities. The mining sector is currently in the transition phase and inclining towards the adoption of automated technologies. This automation serves various benefits such as increasing the safety of the workers, boosting productivity and raising productivity and profit generation across the industry. Accordingly, the growing demand for workforce safety equipment, the emergence of novel technologies, and rising needs for improving productivity are the factors that may augment the market growth in the impending years. For instance, according to the United States Geological Survey in 2017, the United States generated USD 79.7 billion of raw mineral materials, which is a rise of 3% in 2018 with USD 82.2 billion of raw mineral materials. However, integrating information technology with operational technology impedes the growth of the market over the forecast period of 2021-2027. Also, increasing digitization in mining operations is anticipated to act as a catalyzing factor for the market demand during the forecast period.

The key regions considered for the global Mining Automation market study include Asia Pacific, North America, Europe, Latin America and the Rest of the World. Asia-Pacific is the leading region across the world in terms of market share owing to the increasing deployment of mining automation technologies, and adoption of automated mining

equipment chiefly by the chief exploration and mining companies like FMG Group, Rio Tinto, and BHP Billiton. Whereas, Asia-Pacific is also anticipated to exhibit the highest CAGR over the forecast period 2021-2027. Factors such as the growing digitalization of mines, rapid globalization of emerging economies such as India and China coupled with the escalating investments by the government and various organizations would create lucrative growth prospects for the Mining Automation market across the Asia-Pacific region.

Major market players included in this report are:

Caterpillar

Komatsu

Mine Site Technologies

Sandvik

Fluidmesh Networks

Atlas Copco

Symbolicware

Trimble

Autonomous Solutions Inc.

Hitachi

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Technique

Underground mining

Surface mining

By Type

Equipment

Software

Communication systems

By Workflow

Mine development

Mining process

Mine maintenance

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027

Target Audience of the Global Mining Automation Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2027 (USD Billion)
 - 1.2.1. Global Mining Automation Market, by Region, 2019-2027 (USD Billion)
 - 1.2.2. Global Mining Automation Market, by Technique, 2019-2027 (USD Billion)
 - 1.2.3. Global Mining Automation Market, by Type, 2019-2027 (USD Billion)
 - 1.2.4. Global Mining Automation Market, by Workflow, 2019-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL MINING AUTOMATION MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL MINING AUTOMATION MARKET DYNAMICS

- 3.1. Mining Automation Market Impact Analysis (2019-2027)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing need for worker safety
 - 3.1.1.2. Reduction in operating costs
 - 3.1.2. Market Challenges
 - 3.1.2.1. Integrating information technology with operational technology
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Growing Digitization in Mining Operations

CHAPTER 4. GLOBAL MINING AUTOMATION MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers

- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2027)
- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion
- 4.5. Top investment opportunity
- 4.6. Top winning strategies

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1.1. Assessment of the overall impact of COVID-19 on the industry
- 5.1.2. Pre COVID-19 and post COVID-19 market scenario

CHAPTER 6. GLOBAL MINING AUTOMATION MARKET, BY TECHNIQUE

- 6.1. Market Snapshot
- 6.2. Global Mining Automation Market by Technique, Performance - Potential Analysis
- 6.3. Global Mining Automation Market Estimates & Forecasts by Technique, 2018-2027 (USD Billion)
- 6.4. Mining Automation Market, Sub Segment Analysis
 - 6.4.1. Underground mining
 - 6.4.2. Surface mining

CHAPTER 7. GLOBAL MINING AUTOMATION MARKET, BY TYPE

- 7.1. Market Snapshot
- 7.2. Global Mining Automation Market by Type, Performance - Potential Analysis
- 7.3. Global Mining Automation Market Estimates & Forecasts by Type, 2018-2027 (USD Billion)
- 7.4. Mining Automation Market, Sub Segment Analysis
 - 7.4.1. Equipment
 - 7.4.2. Software
 - 7.4.3. Communication systems

CHAPTER 8. GLOBAL MINING AUTOMATION MARKET, BY WORKFLOW

- 8.1. Market Snapshot
- 8.2. Global Mining Automation Market by Workflow, Performance - Potential Analysis
- 8.3. Global Mining Automation Market Estimates & Forecasts by Workflow, 2018-2027 (USD Billion)
- 8.4. Mining Automation Market, Sub Segment Analysis
 - 8.4.1. Mine development
 - 8.4.2. Mining process
 - 8.4.3. Mine maintenance

CHAPTER 9. GLOBAL MINING AUTOMATION MARKET, REGIONAL ANALYSIS

- 9.1. Mining Automation Market, Regional Market Snapshot
- 9.2. North America Mining Automation Market
 - 9.2.1. U.S. Mining Automation Market
 - 9.2.1.1. Technique estimates & forecasts, 2018-2027
 - 9.2.1.2. Type estimates & forecasts, 2018-2027
 - 9.2.1.3. Workflow estimates & forecasts, 2018-2027
 - 9.2.2. Canada Mining Automation Market
- 9.3. Europe Mining Automation Market Snapshot
 - 9.3.1. U.K. Mining Automation Market
 - 9.3.2. Germany Mining Automation Market
 - 9.3.3. France Mining Automation Market
 - 9.3.4. Spain Mining Automation Market
 - 9.3.5. Italy Mining Automation Market
 - 9.3.6. Rest of Europe Mining Automation Market
- 9.4. Asia-Pacific Mining Automation Market Snapshot
 - 9.4.1. China Mining Automation Market
 - 9.4.2. India Mining Automation Market
 - 9.4.3. Japan Mining Automation Market
 - 9.4.4. Australia Mining Automation Market
 - 9.4.5. South Korea Mining Automation Market
 - 9.4.6. Rest of Asia Pacific Mining Automation Market
- 9.5. Latin America Mining Automation Market Snapshot
 - 9.5.1. Brazil Mining Automation Market
 - 9.5.2. Mexico Mining Automation Market
- 9.6. Rest of The World Mining Automation Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

10.1. Top Market Strategies

10.2. Company Profiles

10.2.1. Caterpillar

10.2.1.1. Key Information

10.2.1.2. Overview

10.2.1.3. Financial (Subject to Data Availability)

10.2.1.4. Product Summary

10.2.1.5. Recent Developments

10.2.2. Komatsu

10.2.3. Mine Site Technologies

10.2.4. Sandvik

10.2.5. Fluidmesh Networks

10.2.6. Atlas Copco

10.2.7. Symboticware

10.2.8. Trimble

10.2.9. Autonomous Solutions Inc.

10.2.10. Hitachi

CHAPTER 11. RESEARCH PROCESS

11.1. Research Process

11.1.1. Data Mining

11.1.2. Analysis

11.1.3. Market Estimation

11.1.4. Validation

11.1.5. Publishing

11.2. Research Attributes

11.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Mining Automation market, report scope

TABLE 2. Global Mining Automation market estimates & forecasts by Region
2018-2027 (USD Billion)

TABLE 3. Global Mining Automation market estimates & forecasts by Technique
2018-2027 (USD Billion)

TABLE 4. Global Mining Automation market estimates & forecasts by Type 2018-2027
(USD Billion)

TABLE 5. Global Mining Automation market estimates & forecasts by Workflow
2018-2027 (USD Billion)

TABLE 6. Global Mining Automation market by segment, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 7. Global Mining Automation market by region, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 8. Global Mining Automation market by segment, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 9. Global Mining Automation market by region, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 10. Global Mining Automation market by segment, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 11. Global Mining Automation market by region, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 12. Global Mining Automation market by segment, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 13. Global Mining Automation market by region, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 14. Global Mining Automation market by segment, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 15. Global Mining Automation market by region, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 16. U.S. Mining Automation market estimates & forecasts, 2018-2027 (USD
Billion)

TABLE 17. U.S. Mining Automation market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 18. U.S. Mining Automation market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 19. Canada Mining Automation market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 20. Canada Mining Automation market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 21. Canada Mining Automation market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 22. UK Mining Automation market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 23. UK Mining Automation market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 24. UK Mining Automation market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 25. Germany Mining Automation market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 26. Germany Mining Automation market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 27. Germany Mining Automation market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 28. RoE Mining Automation market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 29. RoE Mining Automation market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 30. RoE Mining Automation market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 31. China Mining Automation market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 32. China Mining Automation market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 33. China Mining Automation market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 34. India Mining Automation market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 35. India Mining Automation market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 36. India Mining Automation market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 37. Japan Mining Automation market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 38. Japan Mining Automation market estimates & forecasts by segment

2018-2027 (USD Billion)

TABLE 39. Japan Mining Automation market estimates & forecasts by segment

2018-2027 (USD Billion)

TABLE 40. RoAPAC Mining Automation market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 41. RoAPAC Mining Automation market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 42. RoAPAC Mining Automation market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 43. Brazil Mining Automation market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 44. Brazil Mining Automation market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 45. Brazil Mining Automation market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 46. Mexico Mining Automation market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 47. Mexico Mining Automation market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 48. Mexico Mining Automation market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 49. RoLA Mining Automation market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 50. RoLA Mining Automation market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 51. RoLA Mining Automation market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 52. Row Mining Automation market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 53. Row Mining Automation market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 54. Row Mining Automation market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 55. List of secondary sources, used in the study of global Mining Automation market

TABLE 56. List of primary sources, used in the study of global Mining Automation market

TABLE 57. Years considered for the study

TABLE 58. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Mining Automation market, research methodology
- FIG 2. Global Mining Automation market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Mining Automation market, key trends 2020
- FIG 5. Global Mining Automation market, growth prospects 2021-2027
- FIG 6. Global Mining Automation market, porters 5 force model
- FIG 7. Global Mining Automation market, pest analysis
- FIG 8. Global Mining Automation market, value chain analysis
- FIG 9. Global Mining Automation market by segment, 2018 & 2027 (USD Billion)
- FIG 10. Global Mining Automation market by segment, 2018 & 2027 (USD Billion)
- FIG 11. Global Mining Automation market by segment, 2018 & 2027 (USD Billion)
- FIG 12. Global Mining Automation market by segment, 2018 & 2027 (USD Billion)
- FIG 13. Global Mining Automation market by segment, 2018 & 2027 (USD Billion)
- FIG 14. Global Mining Automation market, regional snapshot 2018 & 2027
- FIG 15. North America Mining Automation market 2018 & 2027 (USD Billion)
- FIG 16. Europe Mining Automation market 2018 & 2027 (USD Billion)
- FIG 17. Asia pacific Mining Automation market 2018 & 2027 (USD Billion)
- FIG 18. Latin America Mining Automation market 2018 & 2027 (USD Billion)
- FIG 19. Global Mining Automation market, company market share analysis (2020)

I would like to order

Product name: Global Mining Automation Market Size study, By Technique (Underground mining, Surface mining), By Type (Equipment, Software, Communication systems), By Workflow (Mine development, Mining process, Mine maintenance) and Regional Forecasts 2021-2027

Product link: <https://marketpublishers.com/r/GB02D8266949EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GB02D8266949EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:

Last name:

Email:

Company:

Address:

City:

Zip code:

Country:

Tel:

Fax:

Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970