

# Global Lab Grown Diamonds Market Research Report 2025(Status and Outlook)

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## Abstracts

### Report Overview

The lab-grown diamond market has experienced rapid growth due to advancements in technology, increasing consumer awareness, and shifting preferences toward sustainable and ethical alternatives to mined diamonds. These diamonds, chemically and physically identical to natural diamonds, are created using high-pressure high-temperature (HPHT) or chemical vapor deposition (CVD) methods, offering a more controlled and environmentally friendly production process. The market is driven by rising demand from millennials and Gen Z consumers who prioritize ethical sourcing, transparency, and affordability, as lab-grown diamonds typically cost 30-40% less than their natural counterparts. Key segments include jewelry (engagement rings, earrings, and pendants) and industrial applications (cutting tools and electronics). Major players are investing in marketing and certification to build trust, while retailers increasingly incorporate lab-grown options into their offerings. Despite initial resistance from traditional diamond industries, the sector is projected to grow at a significant CAGR, supported by technological improvements, expanding distribution channels, and regulatory support for sustainable practices. However, challenges include price volatility, competition from natural diamond marketing, and the need for standardized grading systems to ensure consumer confidence.

The global Lab Grown Diamonds market size was estimated at USD 1501.65 million in 2024 and is projected to grow at a compound annual growth rate (CAGR) of 12.50% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Lab Grown Diamonds market, covering all critical facets from a broad macroeconomic overview to

detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Lab Grown Diamonds market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Lab Grown Diamonds market.

### Global Lab Grown Diamonds Market: Market Segmentation Analysis

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

### Key Company

Element Six  
Sandvik Hyperion  
ILJIN Diamond  
Zhongnan Diamond

**HUANGHE WHIRLWIND**

Sino-crystal Diamond

JINQU

CR GEMS

HongJing

SF-Diamond

Yalong

Sumitomo Electric

Advanced Diamond Technologies

EDP Corporation

BetterThanDiamond

Ila Technologies

Morgan

Market Segmentation (by Type)

CVD Diamonds

HTHP Diamonds

Market Segmentation (by Application)

Machine Tools and Tools

Thermal Application

Electrochemical Applications

Gem Segment

Others

**Geographic Segmentation**

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

**Key Benefits of This Market Research:**

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape &amp; strategies of key players

Potential &amp; niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value  
In-depth analysis of the Lab Grown Diamonds Market  
Overview of the regional outlook of the Lab Grown Diamonds Market:

## **Customization of the Report**

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

## **Chapter Outline**

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Lab Grown Diamonds Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Lab Grown Diamonds, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

### **Key Reasons to Buy this Report:**

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change  
This enables you to anticipate market changes to remain ahead of your competitors  
You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent

developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

### **Customization of the Report**

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## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

- 1.1 Market Definition and Statistical Scope of Lab Grown Diamonds
- 1.2 Key Market Segments
  - 1.2.1 Lab Grown Diamonds Segment by Type
  - 1.2.2 Lab Grown Diamonds Segment by Application
- 1.3 Methodology & Sources of Information
  - 1.3.1 Research Methodology
  - 1.3.2 Research Process
  - 1.3.3 Market Breakdown and Data Triangulation
  - 1.3.4 Base Year
  - 1.3.5 Report Assumptions & Caveats

### **2 LAB GROWN DIAMONDS MARKET OVERVIEW**

- 2.1 Global Market Overview
  - 2.1.1 Global Lab Grown Diamonds Market Size (M USD) Estimates and Forecasts (2020-2033)
  - 2.1.2 Global Lab Grown Diamonds Sales Estimates and Forecasts (2020-2033)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

### **3 LAB GROWN DIAMONDS MARKET COMPETITIVE LANDSCAPE**

- 3.1 Company Assessment Quadrant
- 3.2 Global Lab Grown Diamonds Product Life Cycle
- 3.3 Global Lab Grown Diamonds Sales by Manufacturers (2020-2025)
- 3.4 Global Lab Grown Diamonds Revenue Market Share by Manufacturers (2020-2025)
- 3.5 Lab Grown Diamonds Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global Lab Grown Diamonds Average Price by Manufacturers (2020-2025)
- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
- 3.8 Lab Grown Diamonds Market Competitive Situation and Trends
  - 3.8.1 Lab Grown Diamonds Market Concentration Rate
  - 3.8.2 Global 5 and 10 Largest Lab Grown Diamonds Players Market Share by Revenue
  - 3.8.3 Mergers & Acquisitions, Expansion

## **4 LAB GROWN DIAMONDS INDUSTRY CHAIN ANALYSIS**

- 4.1 Lab Grown Diamonds Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF LAB GROWN DIAMONDS MARKET**

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Industry News
  - 5.4.1 New Product Developments
  - 5.4.2 Mergers & Acquisitions
  - 5.4.3 Expansions
  - 5.4.4 Collaboration/Supply Contracts
- 5.5 PEST Analysis
  - 5.5.1 Industry Policies Analysis
  - 5.5.2 Economic Environment Analysis
  - 5.5.3 Social Environment Analysis
  - 5.5.4 Technological Environment Analysis
- 5.6 Global Lab Grown Diamonds Market Porter's Five Forces Analysis
  - 5.6.1 Global Trade Frictions
  - 5.6.2 U.S. Tariff Policy ? April 2025
  - 5.6.3 Global Trade Frictions and Their Impacts to Lab Grown Diamonds Market
- 5.7 ESG Ratings of Leading Companies

## **6 LAB GROWN DIAMONDS MARKET SEGMENTATION BY TYPE**

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Lab Grown Diamonds Sales Market Share by Type (2020-2025)
- 6.3 Global Lab Grown Diamonds Market Size Market Share by Type (2020-2025)
- 6.4 Global Lab Grown Diamonds Price by Type (2020-2025)

## **7 LAB GROWN DIAMONDS MARKET SEGMENTATION BY APPLICATION**

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Lab Grown Diamonds Market Sales by Application (2020-2025)

7.3 Global Lab Grown Diamonds Market Size (M USD) by Application (2020-2025)

7.4 Global Lab Grown Diamonds Sales Growth Rate by Application (2020-2025)

## **8 LAB GROWN DIAMONDS MARKET SALES BY REGION**

8.1 Global Lab Grown Diamonds Sales by Region

8.1.1 Global Lab Grown Diamonds Sales by Region

8.1.2 Global Lab Grown Diamonds Sales Market Share by Region

8.2 Global Lab Grown Diamonds Market Size by Region

8.2.1 Global Lab Grown Diamonds Market Size by Region

8.2.2 Global Lab Grown Diamonds Market Size Market Share by Region

8.3 North America

8.3.1 North America Lab Grown Diamonds Sales by Country

8.3.2 North America Lab Grown Diamonds Market Size by Country

8.3.3 U.S. Market Overview

8.3.4 Canada Market Overview

8.3.5 Mexico Market Overview

8.4 Europe

8.4.1 Europe Lab Grown Diamonds Sales by Country

8.4.2 Europe Lab Grown Diamonds Market Size by Country

8.4.3 Germany Market Overview

8.4.4 France Market Overview

8.4.5 U.K. Market Overview

8.4.6 Italy Market Overview

8.4.7 Spain Market Overview

8.5 Asia Pacific

8.5.1 Asia Pacific Lab Grown Diamonds Sales by Region

8.5.2 Asia Pacific Lab Grown Diamonds Market Size by Region

8.5.3 China Market Overview

8.5.4 Japan Market Overview

8.5.5 South Korea Market Overview

8.5.6 India Market Overview

8.5.7 Southeast Asia Market Overview

8.6 South America

8.6.1 South America Lab Grown Diamonds Sales by Country

8.6.2 South America Lab Grown Diamonds Market Size by Country

8.6.3 Brazil Market Overview

8.6.4 Argentina Market Overview

8.6.5 Columbia Market Overview

## 8.7 Middle East and Africa

- 8.7.1 Middle East and Africa Lab Grown Diamonds Sales by Region
- 8.7.2 Middle East and Africa Lab Grown Diamonds Market Size by Region
- 8.7.3 Saudi Arabia Market Overview
- 8.7.4 UAE Market Overview
- 8.7.5 Egypt Market Overview
- 8.7.6 Nigeria Market Overview
- 8.7.7 South Africa Market Overview

## 9 LAB GROWN DIAMONDS MARKET PRODUCTION BY REGION

- 9.1 Global Production of Lab Grown Diamonds by Region(2020-2025)
- 9.2 Global Lab Grown Diamonds Revenue Market Share by Region (2020-2025)
- 9.3 Global Lab Grown Diamonds Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America Lab Grown Diamonds Production
  - 9.4.1 North America Lab Grown Diamonds Production Growth Rate (2020-2025)
  - 9.4.2 North America Lab Grown Diamonds Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe Lab Grown Diamonds Production
  - 9.5.1 Europe Lab Grown Diamonds Production Growth Rate (2020-2025)
  - 9.5.2 Europe Lab Grown Diamonds Production, Revenue, Price and Gross Margin (2020-2025)
- 9.6 Japan Lab Grown Diamonds Production (2020-2025)
  - 9.6.1 Japan Lab Grown Diamonds Production Growth Rate (2020-2025)
  - 9.6.2 Japan Lab Grown Diamonds Production, Revenue, Price and Gross Margin (2020-2025)
- 9.7 China Lab Grown Diamonds Production (2020-2025)
  - 9.7.1 China Lab Grown Diamonds Production Growth Rate (2020-2025)
  - 9.7.2 China Lab Grown Diamonds Production, Revenue, Price and Gross Margin (2020-2025)

## 10 KEY COMPANIES PROFILE

- 10.1 Element Six
  - 10.1.1 Element Six Basic Information
  - 10.1.2 Element Six Lab Grown Diamonds Product Overview
  - 10.1.3 Element Six Lab Grown Diamonds Product Market Performance
  - 10.1.4 Element Six Business Overview

- 10.1.5 Element Six SWOT Analysis
- 10.1.6 Element Six Recent Developments
- 10.2 Sandvik Hyperion
  - 10.2.1 Sandvik Hyperion Basic Information
  - 10.2.2 Sandvik Hyperion Lab Grown Diamonds Product Overview
  - 10.2.3 Sandvik Hyperion Lab Grown Diamonds Product Market Performance
  - 10.2.4 Sandvik Hyperion Business Overview
  - 10.2.5 Sandvik Hyperion SWOT Analysis
  - 10.2.6 Sandvik Hyperion Recent Developments
- 10.3 ILJIN Diamond
  - 10.3.1 ILJIN Diamond Basic Information
  - 10.3.2 ILJIN Diamond Lab Grown Diamonds Product Overview
  - 10.3.3 ILJIN Diamond Lab Grown Diamonds Product Market Performance
  - 10.3.4 ILJIN Diamond Business Overview
  - 10.3.5 ILJIN Diamond SWOT Analysis
  - 10.3.6 ILJIN Diamond Recent Developments
- 10.4 Zhongnan Diamond
  - 10.4.1 Zhongnan Diamond Basic Information
  - 10.4.2 Zhongnan Diamond Lab Grown Diamonds Product Overview
  - 10.4.3 Zhongnan Diamond Lab Grown Diamonds Product Market Performance
  - 10.4.4 Zhongnan Diamond Business Overview
  - 10.4.5 Zhongnan Diamond Recent Developments
- 10.5 HUANGHE WHIRLWIND
  - 10.5.1 HUANGHE WHIRLWIND Basic Information
  - 10.5.2 HUANGHE WHIRLWIND Lab Grown Diamonds Product Overview
  - 10.5.3 HUANGHE WHIRLWIND Lab Grown Diamonds Product Market Performance
  - 10.5.4 HUANGHE WHIRLWIND Business Overview
  - 10.5.5 HUANGHE WHIRLWIND Recent Developments
- 10.6 Sino-crystal Diamond
  - 10.6.1 Sino-crystal Diamond Basic Information
  - 10.6.2 Sino-crystal Diamond Lab Grown Diamonds Product Overview
  - 10.6.3 Sino-crystal Diamond Lab Grown Diamonds Product Market Performance
  - 10.6.4 Sino-crystal Diamond Business Overview
  - 10.6.5 Sino-crystal Diamond Recent Developments
- 10.7 JINQU
  - 10.7.1 JINQU Basic Information
  - 10.7.2 JINQU Lab Grown Diamonds Product Overview
  - 10.7.3 JINQU Lab Grown Diamonds Product Market Performance
  - 10.7.4 JINQU Business Overview

- 10.7.5 JINQU Recent Developments
- 10.8 CR GEMS
  - 10.8.1 CR GEMS Basic Information
  - 10.8.2 CR GEMS Lab Grown Diamonds Product Overview
  - 10.8.3 CR GEMS Lab Grown Diamonds Product Market Performance
  - 10.8.4 CR GEMS Business Overview
  - 10.8.5 CR GEMS Recent Developments
- 10.9 HongJing
  - 10.9.1 HongJing Basic Information
  - 10.9.2 HongJing Lab Grown Diamonds Product Overview
  - 10.9.3 HongJing Lab Grown Diamonds Product Market Performance
  - 10.9.4 HongJing Business Overview
  - 10.9.5 HongJing Recent Developments
- 10.10 SF-Diamond
  - 10.10.1 SF-Diamond Basic Information
  - 10.10.2 SF-Diamond Lab Grown Diamonds Product Overview
  - 10.10.3 SF-Diamond Lab Grown Diamonds Product Market Performance
  - 10.10.4 SF-Diamond Business Overview
  - 10.10.5 SF-Diamond Recent Developments
- 10.11 Yalong
  - 10.11.1 Yalong Basic Information
  - 10.11.2 Yalong Lab Grown Diamonds Product Overview
  - 10.11.3 Yalong Lab Grown Diamonds Product Market Performance
  - 10.11.4 Yalong Business Overview
  - 10.11.5 Yalong Recent Developments
- 10.12 Sumitomo Electric
  - 10.12.1 Sumitomo Electric Basic Information
  - 10.12.2 Sumitomo Electric Lab Grown Diamonds Product Overview
  - 10.12.3 Sumitomo Electric Lab Grown Diamonds Product Market Performance
  - 10.12.4 Sumitomo Electric Business Overview
  - 10.12.5 Sumitomo Electric Recent Developments
- 10.13 Advanced Diamond Technologies
  - 10.13.1 Advanced Diamond Technologies Basic Information
  - 10.13.2 Advanced Diamond Technologies Lab Grown Diamonds Product Overview
  - 10.13.3 Advanced Diamond Technologies Lab Grown Diamonds Product Market Performance
  - 10.13.4 Advanced Diamond Technologies Business Overview
  - 10.13.5 Advanced Diamond Technologies Recent Developments
- 10.14 EDP Corporation

- 10.14.1 EDP Corporation Basic Information
- 10.14.2 EDP Corporation Lab Grown Diamonds Product Overview
- 10.14.3 EDP Corporation Lab Grown Diamonds Product Market Performance
- 10.14.4 EDP Corporation Business Overview
- 10.14.5 EDP Corporation Recent Developments
- 10.15 BetterThanDiamond
  - 10.15.1 BetterThanDiamond Basic Information
  - 10.15.2 BetterThanDiamond Lab Grown Diamonds Product Overview
  - 10.15.3 BetterThanDiamond Lab Grown Diamonds Product Market Performance
  - 10.15.4 BetterThanDiamond Business Overview
  - 10.15.5 BetterThanDiamond Recent Developments
- 10.16 Ila Technologies
  - 10.16.1 Ila Technologies Basic Information
  - 10.16.2 Ila Technologies Lab Grown Diamonds Product Overview
  - 10.16.3 Ila Technologies Lab Grown Diamonds Product Market Performance
  - 10.16.4 Ila Technologies Business Overview
  - 10.16.5 Ila Technologies Recent Developments
- 10.17 Morgan
  - 10.17.1 Morgan Basic Information
  - 10.17.2 Morgan Lab Grown Diamonds Product Overview
  - 10.17.3 Morgan Lab Grown Diamonds Product Market Performance
  - 10.17.4 Morgan Business Overview
  - 10.17.5 Morgan Recent Developments

## **11 LAB GROWN DIAMONDS MARKET FORECAST BY REGION**

- 11.1 Global Lab Grown Diamonds Market Size Forecast
- 11.2 Global Lab Grown Diamonds Market Forecast by Region
  - 11.2.1 North America Market Size Forecast by Country
  - 11.2.2 Europe Lab Grown Diamonds Market Size Forecast by Country
  - 11.2.3 Asia Pacific Lab Grown Diamonds Market Size Forecast by Region
  - 11.2.4 South America Lab Grown Diamonds Market Size Forecast by Country
  - 11.2.5 Middle East and Africa Forecasted Sales of Lab Grown Diamonds by Country

## **12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2033)**

- 12.1 Global Lab Grown Diamonds Market Forecast by Type (2026-2033)
  - 12.1.1 Global Forecasted Sales of Lab Grown Diamonds by Type (2026-2033)
  - 12.1.2 Global Lab Grown Diamonds Market Size Forecast by Type (2026-2033)

- 12.1.3 Global Forecasted Price of Lab Grown Diamonds by Type (2026-2033)
- 12.2 Global Lab Grown Diamonds Market Forecast by Application (2026-2033)
  - 12.2.1 Global Lab Grown Diamonds Sales (K MT) Forecast by Application
  - 12.2.2 Global Lab Grown Diamonds Market Size (M USD) Forecast by Application (2026-2033)

## **13 CONCLUSION AND KEY FINDINGS**

## List Of Tables

### LIST OF TABLES

- Table 1. Introduction of the Type
- Table 2. Introduction of the Application
- Table 3. Market Size (M USD) Segment Executive Summary
- Table 4. Lab Grown Diamonds Market Size Comparison by Region (M USD)
- Table 5. Global Lab Grown Diamonds Sales (K MT) by Manufacturers (2020-2025)
- Table 6. Global Lab Grown Diamonds Sales Market Share by Manufacturers (2020-2025)
- Table 7. Global Lab Grown Diamonds Revenue (M USD) by Manufacturers (2020-2025)
- Table 8. Global Lab Grown Diamonds Revenue Share by Manufacturers (2020-2025)
- Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Lab Grown Diamonds as of 2024)
- Table 10. Global Market Lab Grown Diamonds Average Price (USD/KG) of Key Manufacturers (2020-2025)
- Table 11. Manufacturers? Manufacturing Sites, Areas Served
- Table 12. Manufacturers? Product Type
- Table 13. Global Lab Grown Diamonds Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 14. Mergers & Acquisitions, Expansion Plans
- Table 15. Market Overview of Key Raw Materials
- Table 16. Midstream Market Analysis
- Table 17. Downstream Customer Analysis
- Table 18. Key Development Trends
- Table 19. Driving Factors
- Table 20. Lab Grown Diamonds Market Challenges
- Table 21. Goldman Sachs' forecast real GDP growth rate for 2024-2026
- Table 22. S&P Global ' Forecast Real GDP Growth Rate For 2024-2027
- Table 23. World Bank ' Forecast Real GDP Growth Rate For 2024-2026
- Table 24. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries
- Table 25. Global Lab Grown Diamonds Sales by Type (K MT)
- Table 26. Global Lab Grown Diamonds Market Size by Type (M USD)
- Table 27. Global Lab Grown Diamonds Sales (K MT) by Type (2020-2025)
- Table 28. Global Lab Grown Diamonds Sales Market Share by Type (2020-2025)
- Table 29. Global Lab Grown Diamonds Market Size (M USD) by Type (2020-2025)
- Table 30. Global Lab Grown Diamonds Market Size Share by Type (2020-2025)

- Table 31. Global Lab Grown Diamonds Price (USD/KG) by Type (2020-2025)
- Table 32. Global Lab Grown Diamonds Sales (K MT) by Application
- Table 33. Global Lab Grown Diamonds Market Size by Application
- Table 34. Global Lab Grown Diamonds Sales by Application (2020-2025) & (K MT)
- Table 35. Global Lab Grown Diamonds Sales Market Share by Application (2020-2025)
- Table 36. Global Lab Grown Diamonds Market Size by Application (2020-2025) & (M USD)
- Table 37. Global Lab Grown Diamonds Market Share by Application (2020-2025)
- Table 38. Global Lab Grown Diamonds Sales Growth Rate by Application (2020-2025)
- Table 39. Global Lab Grown Diamonds Sales by Region (2020-2025) & (K MT)
- Table 40. Global Lab Grown Diamonds Sales Market Share by Region (2020-2025)
- Table 41. Global Lab Grown Diamonds Market Size by Region (2020-2025) & (M USD)
- Table 42. Global Lab Grown Diamonds Market Size Market Share by Region (2020-2025)
- Table 43. North America Lab Grown Diamonds Sales by Country (2020-2025) & (K MT)
- Table 44. North America Lab Grown Diamonds Market Size by Country (2020-2025) & (M USD)
- Table 45. Europe Lab Grown Diamonds Sales by Country (2020-2025) & (K MT)
- Table 46. Europe Lab Grown Diamonds Market Size by Country (2020-2025) & (M USD)
- Table 47. Asia Pacific Lab Grown Diamonds Sales by Region (2020-2025) & (K MT)
- Table 48. Asia Pacific Lab Grown Diamonds Market Size by Region (2020-2025) & (M USD)
- Table 49. South America Lab Grown Diamonds Sales by Country (2020-2025) & (K MT)
- Table 50. South America Lab Grown Diamonds Market Size by Country (2020-2025) & (M USD)
- Table 51. Middle East and Africa Lab Grown Diamonds Sales by Region (2020-2025) & (K MT)
- Table 52. Middle East and Africa Lab Grown Diamonds Market Size by Region (2020-2025) & (M USD)
- Table 53. Global Lab Grown Diamonds Production (K MT) by Region(2020-2025)
- Table 54. Global Lab Grown Diamonds Revenue (US\$ Million) by Region (2020-2025)
- Table 55. Global Lab Grown Diamonds Revenue Market Share by Region (2020-2025)
- Table 56. Global Lab Grown Diamonds Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)
- Table 57. North America Lab Grown Diamonds Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)
- Table 58. Europe Lab Grown Diamonds Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

- Table 59. Japan Lab Grown Diamonds Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)
- Table 60. China Lab Grown Diamonds Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)
- Table 61. Element Six Basic Information
- Table 62. Element Six Lab Grown Diamonds Product Overview
- Table 63. Element Six Lab Grown Diamonds Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 64. Element Six Business Overview
- Table 65. Element Six SWOT Analysis
- Table 66. Element Six Recent Developments
- Table 67. Sandvik Hyperion Basic Information
- Table 68. Sandvik Hyperion Lab Grown Diamonds Product Overview
- Table 69. Sandvik Hyperion Lab Grown Diamonds Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 70. Sandvik Hyperion Business Overview
- Table 71. Sandvik Hyperion SWOT Analysis
- Table 72. Sandvik Hyperion Recent Developments
- Table 73. ILJIN Diamond Basic Information
- Table 74. ILJIN Diamond Lab Grown Diamonds Product Overview
- Table 75. ILJIN Diamond Lab Grown Diamonds Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 76. ILJIN Diamond Business Overview
- Table 77. ILJIN Diamond SWOT Analysis
- Table 78. ILJIN Diamond Recent Developments
- Table 79. Zhongnan Diamond Basic Information
- Table 80. Zhongnan Diamond Lab Grown Diamonds Product Overview
- Table 81. Zhongnan Diamond Lab Grown Diamonds Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 82. Zhongnan Diamond Business Overview
- Table 83. Zhongnan Diamond Recent Developments
- Table 84. HUANGHE WHIRLWIND Basic Information
- Table 85. HUANGHE WHIRLWIND Lab Grown Diamonds Product Overview
- Table 86. HUANGHE WHIRLWIND Lab Grown Diamonds Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 87. HUANGHE WHIRLWIND Business Overview
- Table 88. HUANGHE WHIRLWIND Recent Developments
- Table 89. Sino-crystal Diamond Basic Information
- Table 90. Sino-crystal Diamond Lab Grown Diamonds Product Overview

- Table 91. Sino-crystal Diamond Lab Grown Diamonds Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 92. Sino-crystal Diamond Business Overview
- Table 93. Sino-crystal Diamond Recent Developments
- Table 94. JINQU Basic Information
- Table 95. JINQU Lab Grown Diamonds Product Overview
- Table 96. JINQU Lab Grown Diamonds Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 97. JINQU Business Overview
- Table 98. JINQU Recent Developments
- Table 99. CR GEMS Basic Information
- Table 100. CR GEMS Lab Grown Diamonds Product Overview
- Table 101. CR GEMS Lab Grown Diamonds Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 102. CR GEMS Business Overview
- Table 103. CR GEMS Recent Developments
- Table 104. HongJing Basic Information
- Table 105. HongJing Lab Grown Diamonds Product Overview
- Table 106. HongJing Lab Grown Diamonds Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 107. HongJing Business Overview
- Table 108. HongJing Recent Developments
- Table 109. SF-Diamond Basic Information
- Table 110. SF-Diamond Lab Grown Diamonds Product Overview
- Table 111. SF-Diamond Lab Grown Diamonds Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 112. SF-Diamond Business Overview
- Table 113. SF-Diamond Recent Developments
- Table 114. Yalong Basic Information
- Table 115. Yalong Lab Grown Diamonds Product Overview
- Table 116. Yalong Lab Grown Diamonds Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 117. Yalong Business Overview
- Table 118. Yalong Recent Developments
- Table 119. Sumitomo Electric Basic Information
- Table 120. Sumitomo Electric Lab Grown Diamonds Product Overview
- Table 121. Sumitomo Electric Lab Grown Diamonds Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 122. Sumitomo Electric Business Overview

- Table 123. Sumitomo Electric Recent Developments
- Table 124. Advanced Diamond Technologies Basic Information
- Table 125. Advanced Diamond Technologies Lab Grown Diamonds Product Overview
- Table 126. Advanced Diamond Technologies Lab Grown Diamonds Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 127. Advanced Diamond Technologies Business Overview
- Table 128. Advanced Diamond Technologies Recent Developments
- Table 129. EDP Corporation Basic Information
- Table 130. EDP Corporation Lab Grown Diamonds Product Overview
- Table 131. EDP Corporation Lab Grown Diamonds Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 132. EDP Corporation Business Overview
- Table 133. EDP Corporation Recent Developments
- Table 134. BetterThanDiamond Basic Information
- Table 135. BetterThanDiamond Lab Grown Diamonds Product Overview
- Table 136. BetterThanDiamond Lab Grown Diamonds Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 137. BetterThanDiamond Business Overview
- Table 138. BetterThanDiamond Recent Developments
- Table 139. Ila Technologies Basic Information
- Table 140. Ila Technologies Lab Grown Diamonds Product Overview
- Table 141. Ila Technologies Lab Grown Diamonds Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 142. Ila Technologies Business Overview
- Table 143. Ila Technologies Recent Developments
- Table 144. Morgan Basic Information
- Table 145. Morgan Lab Grown Diamonds Product Overview
- Table 146. Morgan Lab Grown Diamonds Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 147. Morgan Business Overview
- Table 148. Morgan Recent Developments
- Table 149. Global Lab Grown Diamonds Sales Forecast by Region (2026-2033) & (K MT)
- Table 150. Global Lab Grown Diamonds Market Size Forecast by Region (2026-2033) & (M USD)
- Table 151. North America Lab Grown Diamonds Sales Forecast by Country (2026-2033) & (K MT)
- Table 152. North America Lab Grown Diamonds Market Size Forecast by Country (2026-2033) & (M USD)

Table 153. Europe Lab Grown Diamonds Sales Forecast by Country (2026-2033) & (K MT)

Table 154. Europe Lab Grown Diamonds Market Size Forecast by Country (2026-2033) & (M USD)

Table 155. Asia Pacific Lab Grown Diamonds Sales Forecast by Region (2026-2033) & (K MT)

Table 156. Asia Pacific Lab Grown Diamonds Market Size Forecast by Region (2026-2033) & (M USD)

Table 157. South America Lab Grown Diamonds Sales Forecast by Country (2026-2033) & (K MT)

Table 158. South America Lab Grown Diamonds Market Size Forecast by Country (2026-2033) & (M USD)

Table 159. Middle East and Africa Lab Grown Diamonds Sales Forecast by Country (2026-2033) & (Units)

Table 160. Middle East and Africa Lab Grown Diamonds Market Size Forecast by Country (2026-2033) & (M USD)

Table 161. Global Lab Grown Diamonds Sales Forecast by Type (2026-2033) & (K MT)

Table 162. Global Lab Grown Diamonds Market Size Forecast by Type (2026-2033) & (M USD)

Table 163. Global Lab Grown Diamonds Price Forecast by Type (2026-2033) & (USD/KG)

Table 164. Global Lab Grown Diamonds Sales (K MT) Forecast by Application (2026-2033)

Table 165. Global Lab Grown Diamonds Market Size Forecast by Application (2026-2033) & (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of Lab Grown Diamonds
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Lab Grown Diamonds Market Size (M USD), 2024-2033
- Figure 5. Global Lab Grown Diamonds Market Size (M USD) (2020-2033)
- Figure 6. Global Lab Grown Diamonds Sales (K MT) & (2020-2033)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Lab Grown Diamonds Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Lab Grown Diamonds Product Life Cycle
- Figure 13. Lab Grown Diamonds Sales Share by Manufacturers in 2024
- Figure 14. Global Lab Grown Diamonds Revenue Share by Manufacturers in 2024
- Figure 15. Lab Grown Diamonds Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2024
- Figure 16. Global Market Lab Grown Diamonds Average Price (USD/KG) of Key Manufacturers in 2024
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Lab Grown Diamonds Revenue in 2024
- Figure 18. Industry Chain Map of Lab Grown Diamonds
- Figure 19. Global Lab Grown Diamonds Market PEST Analysis
- Figure 20. Global Lab Grown Diamonds Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Lab Grown Diamonds Market Share by Type
- Figure 27. Sales Market Share of Lab Grown Diamonds by Type (2020-2025)
- Figure 28. Sales Market Share of Lab Grown Diamonds by Type in 2024
- Figure 29. Market Size Share of Lab Grown Diamonds by Type (2020-2025)
- Figure 30. Market Size Share of Lab Grown Diamonds by Type in 2024
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 32. Global Lab Grown Diamonds Market Share by Application

Figure 33. Global Lab Grown Diamonds Sales Market Share by Application (2020-2025)

Figure 34. Global Lab Grown Diamonds Sales Market Share by Application in 2024

Figure 35. Global Lab Grown Diamonds Market Share by Application (2020-2025)

Figure 36. Global Lab Grown Diamonds Market Share by Application in 2024

Figure 37. Global Lab Grown Diamonds Sales Growth Rate by Application (2020-2025)

Figure 38. Global Lab Grown Diamonds Sales Market Share by Region (2020-2025)

Figure 39. Global Lab Grown Diamonds Market Size Market Share by Region (2020-2025)

Figure 40. North America Lab Grown Diamonds Sales and Growth Rate (2020-2025) & (K MT)

Figure 41. North America Lab Grown Diamonds Sales and Growth Rate (2020-2025) & (K MT)

Figure 42. North America Lab Grown Diamonds Sales Market Share by Country in 2024

Figure 43. North America Lab Grown Diamonds Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America Lab Grown Diamonds Market Size Market Share by Country in 2024

Figure 45. U.S. Lab Grown Diamonds Sales and Growth Rate (2020-2025) & (K MT)

Figure 46. U.S. Lab Grown Diamonds Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Lab Grown Diamonds Sales (K MT) and Growth Rate (2020-2025)

Figure 48. Canada Lab Grown Diamonds Market Size (M USD) and Growth Rate (2020-2025)

Figure 49. Mexico Lab Grown Diamonds Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Lab Grown Diamonds Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Lab Grown Diamonds Sales and Growth Rate (2020-2025) & (K MT)

Figure 52. Europe Lab Grown Diamonds Sales Market Share by Country in 2024

Figure 53. Europe Lab Grown Diamonds Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Lab Grown Diamonds Market Size Market Share by Country in 2024

Figure 55. Germany Lab Grown Diamonds Sales and Growth Rate (2020-2025) & (K MT)

Figure 56. Germany Lab Grown Diamonds Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Lab Grown Diamonds Sales and Growth Rate (2020-2025) & (K MT)

Figure 58. France Lab Grown Diamonds Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Lab Grown Diamonds Sales and Growth Rate (2020-2025) & (K MT)

Figure 60. U.K. Lab Grown Diamonds Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Lab Grown Diamonds Sales and Growth Rate (2020-2025) & (K MT)

Figure 62. Italy Lab Grown Diamonds Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Lab Grown Diamonds Sales and Growth Rate (2020-2025) & (K MT)

Figure 64. Spain Lab Grown Diamonds Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Lab Grown Diamonds Sales and Growth Rate (K MT)

Figure 66. Asia Pacific Lab Grown Diamonds Sales Market Share by Region in 2024

Figure 67. Asia Pacific Lab Grown Diamonds Market Size Market Share by Region in 2024

Figure 68. China Lab Grown Diamonds Sales and Growth Rate (2020-2025) & (K MT)

Figure 69. China Lab Grown Diamonds Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Lab Grown Diamonds Sales and Growth Rate (2020-2025) & (K MT)

Figure 71. Japan Lab Grown Diamonds Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Lab Grown Diamonds Sales and Growth Rate (2020-2025) & (K MT)

Figure 73. South Korea Lab Grown Diamonds Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Lab Grown Diamonds Sales and Growth Rate (2020-2025) & (K MT)

Figure 75. India Lab Grown Diamonds Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Lab Grown Diamonds Sales and Growth Rate (2020-2025) & (K MT)

Figure 77. Southeast Asia Lab Grown Diamonds Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Lab Grown Diamonds Sales and Growth Rate (K MT)

Figure 79. South America Lab Grown Diamonds Sales Market Share by Country in 2024

Figure 80. South America Lab Grown Diamonds Market Size and Growth Rate (M USD)

Figure 81. South America Lab Grown Diamonds Market Size Market Share by Country in 2024

Figure 82. Brazil Lab Grown Diamonds Sales and Growth Rate (2020-2025) & (K MT)

Figure 83. Brazil Lab Grown Diamonds Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Lab Grown Diamonds Sales and Growth Rate (2020-2025) & (K

MT)

Figure 85. Argentina Lab Grown Diamonds Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Lab Grown Diamonds Sales and Growth Rate (2020-2025) & (K MT)

Figure 87. Columbia Lab Grown Diamonds Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Lab Grown Diamonds Sales and Growth Rate (K MT)

Figure 89. Middle East and Africa Lab Grown Diamonds Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Lab Grown Diamonds Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Lab Grown Diamonds Market Size Market Share by Region in 2024

Figure 92. Saudi Arabia Lab Grown Diamonds Sales and Growth Rate (2020-2025) & (K MT)

Figure 93. Saudi Arabia Lab Grown Diamonds Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Lab Grown Diamonds Sales and Growth Rate (2020-2025) & (K MT)

Figure 95. UAE Lab Grown Diamonds Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Lab Grown Diamonds Sales and Growth Rate (2020-2025) & (K MT)

Figure 97. Egypt Lab Grown Diamonds Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Lab Grown Diamonds Sales and Growth Rate (2020-2025) & (K MT)

Figure 99. Nigeria Lab Grown Diamonds Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Lab Grown Diamonds Sales and Growth Rate (2020-2025) & (K MT)

Figure 101. South Africa Lab Grown Diamonds Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Lab Grown Diamonds Production Market Share by Region (2020-2025)

Figure 103. North America Lab Grown Diamonds Production (K MT) Growth Rate (2020-2025)

Figure 104. Europe Lab Grown Diamonds Production (K MT) Growth Rate (2020-2025)

Figure 105. Japan Lab Grown Diamonds Production (K MT) Growth Rate (2020-2025)

Figure 106. China Lab Grown Diamonds Production (K MT) Growth Rate (2020-2025)

Figure 107. Global Lab Grown Diamonds Sales Forecast by Volume (2020-2033) & (K

MT)

Figure 108. Global Lab Grown Diamonds Market Size Forecast by Value (2020-2033) & (M USD)

Figure 109. Global Lab Grown Diamonds Sales Market Share Forecast by Type (2026-2033)

Figure 110. Global Lab Grown Diamonds Market Share Forecast by Type (2026-2033)

Figure 111. Global Lab Grown Diamonds Sales Forecast by Application (2026-2033)

Figure 112. Global Lab Grown Diamonds Market Share Forecast by Application (2026-2033)

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