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Generative Design Market - Global Outlook and Forecast 2022-2028

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Abstracts

Generative design replicates natural world's evolutionary approach with cloud computing to provide thousands of solutions to one engineering problem.

Using artificial intelligence (AI) software and the compute power of the cloud, generative design enables engineers to create thousands of design options by simply defining their design problem - inputting basic parameters such as height, weight it must support, strength, and material options.

This report contains market size and forecasts of Generative Design in Global, including the following market information:

Global Generative Design Market Revenue, 2017-2022, 2023-2028, ($ millions)

Global top five companies in 2021 (%)

The global Generative Design market was valued at 193.7 million in 2021 and is projected to reach US$ 544.7 million by 2028, at a CAGR of 15.9% during the forecast period.

The U.S. Market is Estimated at $ Million in 2021, While China is Forecast to Reach $ Million by 2028.

Product Design & Development Segment to Reach $ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Generative Design include Autodesk, Altair, ANSYS,

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MSC Software, 3DEXPERIENCE Company, ESI Group, Bentley Systems, Desktop Metal and nTopology and etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Generative Design companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Generative Design Market, by Type, 2017-2022, 2023-2028 ($ millions)

Global Generative Design Market Segment Percentages, by Type, 2021 (%)

Product Design & Development

Cost Optimization

Global Generative Design Market, by Application, 2017-2022, 2023-2028 ($ millions)

Global Generative Design Market Segment Percentages, by Application, 2021 (%)

Automotive

Aerospace & Defense

Industrial Manufacturing

Others

Global Generative Design Market, By Region and Country, 2017-2022, 2023-2028 ($ Millions)

Global Generative Design Market Segment Percentages, By Region and Country, 2021 (%)

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North America

- US
- Canada
- Mexico

Europe

- Germany
- France
- U.K.
- Italy
- Russia
- Nordic Countries
- Benelux
- Rest of Europe

Asia

- China
- Japan
- South Korea
- Southeast Asia
- India
- Rest of Asia

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South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Generative Design revenues in global market, 2017-2022 (estimated), ($ millions)

Key companies Generative Design revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Autodesk

Altair

ANSYS

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MSC Software

3DEXPERIENCE Company

ESI Group

Bentley Systems

Desktop Metal

nTopology

Paramatters

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Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

1.1 Generative Design Market Definition
1.2 Market Segments
  1.2.1 Market by Type
  1.2.2 Market by Application
1.3 Global Generative Design Market Overview
1.4 Features & Benefits of This Report
1.5 Methodology & Sources of Information
  1.5.1 Research Methodology
  1.5.2 Research Process
  1.5.3 Base Year
  1.5.4 Report Assumptions & Caveats

2 GLOBAL GENERATIVE DESIGN OVERALL MARKET SIZE

2.1 Global Generative Design Market Size: 2021 VS 2028
2.2 Global Generative Design Market Size, Prospects & Forecasts: 2017-2028
2.3 Key Market Trends, Opportunity, Drivers and Restraints
  2.3.1 Market Opportunities & Trends
  2.3.2 Market Drivers
  2.3.3 Market Restraints

3 COMPANY LANDSCAPE

3.1 Top Generative Design Players in Global Market
3.2 Top Global Generative Design Companies Ranked by Revenue
3.3 Global Generative Design Revenue by Companies
3.4 Top 3 and Top 5 Generative Design Companies in Global Market, by Revenue in 2021
3.5 Global Companies Generative Design Product Type
3.6 Tier 1, Tier 2 and Tier 3 Generative Design Players in Global Market
  3.6.1 List of Global Tier 1 Generative Design Companies
  3.6.2 List of Global Tier 2 and Tier 3 Generative Design Companies

4 MARKET SIGHTS BY PRODUCT

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4.1 Overview
4.1.1 by Type - Global Generative Design Market Size Markets, 2021 & 2028
4.1.2 Product Design & Development
4.1.3 Cost Optimization
4.2 By Type - Global Generative Design Revenue & Forecasts
4.2.1 By Type - Global Generative Design Revenue, 2017-2022
4.2.2 By Type - Global Generative Design Revenue, 2023-2028
4.2.3 By Type - Global Generative Design Revenue Market Share, 2017-2028

5 SIGHTS BY APPLICATION

5.1 Overview
5.1.1 By Application - Global Generative Design Market Size, 2021 & 2028
5.1.2 Automotive
5.1.3 Aerospace & Defense
5.1.4 Industrial Manufacturing
5.1.5 Others
5.2 By Application - Global Generative Design Revenue & Forecasts
5.2.1 By Application - Global Generative Design Revenue, 2017-2022
5.2.2 By Application - Global Generative Design Revenue, 2023-2028
5.2.3 By Application - Global Generative Design Revenue Market Share, 2017-2028

6 SIGHTS BY REGION

6.1 By Region - Global Generative Design Market Size, 2021 & 2028
6.2 By Region - Global Generative Design Revenue & Forecasts
6.2.1 By Region - Global Generative Design Revenue, 2017-2022
6.2.2 By Region - Global Generative Design Revenue, 2023-2028
6.2.3 By Region - Global Generative Design Revenue Market Share, 2017-2028
6.3 North America
6.3.1 By Country - North America Generative Design Revenue, 2017-2028
6.3.2 US Generative Design Market Size, 2017-2028
6.3.3 Canada Generative Design Market Size, 2017-2028
6.3.4 Mexico Generative Design Market Size, 2017-2028
6.4 Europe
6.4.1 By Country - Europe Generative Design Revenue, 2017-2028
6.4.2 Germany Generative Design Market Size, 2017-2028
6.4.3 France Generative Design Market Size, 2017-2028
6.4.4 U.K. Generative Design Market Size, 2017-2028

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6.4.5 Italy Generative Design Market Size, 2017-2028
6.4.6 Russia Generative Design Market Size, 2017-2028
6.4.7 Nordic Countries Generative Design Market Size, 2017-2028
6.4.8 Benelux Generative Design Market Size, 2017-2028
6.5 Asia
6.5.1 By Region - Asia Generative Design Revenue, 2017-2028
6.5.2 China Generative Design Market Size, 2017-2028
6.5.3 Japan Generative Design Market Size, 2017-2028
6.5.4 South Korea Generative Design Market Size, 2017-2028
6.5.5 Southeast Asia Generative Design Market Size, 2017-2028
6.5.6 India Generative Design Market Size, 2017-2028
6.6 South America
6.6.1 By Country - South America Generative Design Revenue, 2017-2028
6.6.2 Brazil Generative Design Market Size, 2017-2028
6.6.3 Argentina Generative Design Market Size, 2017-2028
6.7 Middle East & Africa
6.7.1 By Country - Middle East & Africa Generative Design Revenue, 2017-2028
6.7.2 Turkey Generative Design Market Size, 2017-2028
6.7.3 Israel Generative Design Market Size, 2017-2028
6.7.4 Saudi Arabia Generative Design Market Size, 2017-2028
6.7.5 UAE Generative Design Market Size, 2017-2028

7 PLAYERS PROFILES

7.1 Autodesk
7.1.1 Autodesk Corporate Summary
7.1.2 Autodesk Business Overview
7.1.3 Autodesk Generative Design Major Product Offerings
7.1.4 Autodesk Generative Design Revenue in Global Market (2017-2022)
7.1.5 Autodesk Key News
7.2 Altair
7.2.1 Altair Corporate Summary
7.2.2 Altair Business Overview
7.2.3 Altair Generative Design Major Product Offerings
7.2.4 Altair Generative Design Revenue in Global Market (2017-2022)
7.2.5 Altair Key News
7.3 ANSYS
7.3.1 ANSYS Corporate Summary
7.3.2 ANSYS Business Overview

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7.3.3 ANSYS Generative Design Major Product Offerings
7.3.4 ANSYS Generative Design Revenue in Global Market (2017-2022)
7.3.5 ANSYS Key News
7.4 MSC Software
7.4.1 MSC Software Corporate Summary
7.4.2 MSC Software Business Overview
7.4.3 MSC Software Generative Design Major Product Offerings
7.4.4 MSC Software Generative Design Revenue in Global Market (2017-2022)
7.4.5 MSC Software Key News
7.5 3DEXPERIENCE Company
7.5.1 3DEXPERIENCE Company Corporate Summary
7.5.2 3DEXPERIENCE Company Business Overview
7.5.3 3DEXPERIENCE Company Generative Design Major Product Offerings
7.5.4 3DEXPERIENCE Company Generative Design Revenue in Global Market (2017-2022)
7.5.5 3DEXPERIENCE Company Key News
7.6 ESI Group
7.6.1 ESI Group Corporate Summary
7.6.2 ESI Group Business Overview
7.6.3 ESI Group Generative Design Major Product Offerings
7.6.4 ESI Group Generative Design Revenue in Global Market (2017-2022)
7.6.5 ESI Group Key News
7.7 Bentley Systems
7.7.1 Bentley Systems Corporate Summary
7.7.2 Bentley Systems Business Overview
7.7.3 Bentley Systems Generative Design Major Product Offerings
7.7.4 Bentley Systems Generative Design Revenue in Global Market (2017-2022)
7.7.5 Bentley Systems Key News
7.8 Desktop Metal
7.8.1 Desktop Metal Corporate Summary
7.8.2 Desktop Metal Business Overview
7.8.3 Desktop Metal Generative Design Major Product Offerings
7.8.4 Desktop Metal Generative Design Revenue in Global Market (2017-2022)
7.8.5 Desktop Metal Key News
7.9 nTopology
7.9.1 nTopology Corporate Summary
7.9.2 nTopology Business Overview
7.9.3 nTopology Generative Design Major Product Offerings
7.9.4 nTopology Generative Design Revenue in Global Market (2017-2022)

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7.9.5 nTopology Key News
7.10 Paramatters
7.10.1 Paramatters Corporate Summary
7.10.2 Paramatters Business Overview
7.10.3 Paramatters Generative Design Major Product Offerings
7.10.4 Paramatters Generative Design Revenue in Global Market (2017-2022)
7.10.5 Paramatters Key News

8 CONCLUSION

9 APPENDIX

9.1 Note
9.2 Examples of Clients
9.3 Disclaimer

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List Of Tables

LIST OF TABLES

Table 1. Generative Design Market Opportunities & Trends in Global Market
Table 2. Generative Design Market Drivers in Global Market
Table 3. Generative Design Market Restraints in Global Market
Table 4. Key Players of Generative Design in Global Market
Table 5. Top Generative Design Players in Global Market, Ranking by Revenue (2021)
Table 6. Global Generative Design Revenue by Companies, (US$, Mn), 2017-2022
Table 7. Global Generative Design Revenue Share by Companies, 2017-2022
Table 8. Global Companies Generative Design Product Type
Table 9. List of Global Tier 1 Generative Design Companies, Revenue (US$, Mn) in 2021 and Market Share
Table 10. List of Global Tier 2 and Tier 3 Generative Design Companies, Revenue (US$, Mn) in 2021 and Market Share
Table 11. By Type – Global Generative Design Revenue, (US$, Mn), 2021 & 2028
Table 12. By Type - Generative Design Revenue in Global (US$, Mn), 2017-2022
Table 13. By Type - Generative Design Revenue in Global (US$, Mn), 2023-2028
Table 14. By Application – Global Generative Design Revenue, (US$, Mn), 2021 & 2028
Table 15. By Application - Generative Design Revenue in Global (US$, Mn), 2017-2022
Table 16. By Application - Generative Design Revenue in Global (US$, Mn), 2023-2028
Table 17. By Region – Global Generative Design Revenue, (US$, Mn), 2021 & 2028
Table 18. By Region - Global Generative Design Revenue (US$, Mn), 2017-2022
Table 19. By Region - Global Generative Design Revenue (US$, Mn), 2023-2028
Table 20. By Country - North America Generative Design Revenue, (US$, Mn), 2017-2022
Table 21. By Country - North America Generative Design Revenue, (US$, Mn), 2023-2028
Table 22. By Country - Europe Generative Design Revenue, (US$, Mn), 2017-2022
Table 23. By Country - Europe Generative Design Revenue, (US$, Mn), 2023-2028
Table 24. By Region - Asia Generative Design Revenue, (US$, Mn), 2017-2022
Table 25. By Region - Asia Generative Design Revenue, (US$, Mn), 2023-2028
Table 26. By Country - South America Generative Design Revenue, (US$, Mn), 2017-2022
Table 27. By Country - South America Generative Design Revenue, (US$, Mn), 2023-2028
Table 28. By Country - Middle East & Africa Generative Design Revenue, (US$, Mn), 2017-2022

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Table 29. By Country - Middle East & Africa Generative Design Revenue, (US$, Mn), 2023-2028
Table 30. Autodesk Corporate Summary
Table 31. Autodesk Generative Design Product Offerings
Table 32. Autodesk Generative Design Revenue (US$, Mn), (2017-2022)
Table 33. Altair Corporate Summary
Table 34. Altair Generative Design Product Offerings
Table 35. Altair Generative Design Revenue (US$, Mn), (2017-2022)
Table 36. ANSYS Corporate Summary
Table 37. ANSYS Generative Design Product Offerings
Table 38. ANSYS Generative Design Revenue (US$, Mn), (2017-2022)
Table 39. MSC Software Corporate Summary
Table 40. MSC Software Generative Design Product Offerings
Table 41. MSC Software Generative Design Revenue (US$, Mn), (2017-2022)
Table 42. 3DEXPERIENCE Company Corporate Summary
Table 43. 3DEXPERIENCE Company Generative Design Product Offerings
Table 44. 3DEXPERIENCE Company Generative Design Revenue (US$, Mn), (2017-2022)
Table 45. ESI Group Corporate Summary
Table 46. ESI Group Generative Design Product Offerings
Table 47. ESI Group Generative Design Revenue (US$, Mn), (2017-2022)
Table 48. Bentley Systems Corporate Summary
Table 49. Bentley Systems Generative Design Product Offerings
Table 50. Bentley Systems Generative Design Revenue (US$, Mn), (2017-2022)
Table 51. Desktop Metal Corporate Summary
Table 52. Desktop Metal Generative Design Product Offerings
Table 53. Desktop Metal Generative Design Revenue (US$, Mn), (2017-2022)
Table 54. nTopology Corporate Summary
Table 55. nTopology Generative Design Product Offerings
Table 56. nTopology Generative Design Revenue (US$, Mn), (2017-2022)
Table 57. Paramatters Corporate Summary
Table 58. Paramatters Generative Design Product Offerings
Table 59. Paramatters Generative Design Revenue (US$, Mn), (2017-2022)

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List Of Figures

LIST OF FIGURES

Figure 1. Generative Design Segment by Type in 2021
Figure 2. Generative Design Segment by Application in 2021
Figure 3. Global Generative Design Market Overview: 2021
Figure 4. Key Caveats
Figure 5. Global Generative Design Market Size: 2021 VS 2028 (US$, Mn)
Figure 6. Global Generative Design Revenue, 2017-2028 (US$, Mn)
Figure 7. The Top 3 and 5 Players Market Share by Generative Design Revenue in 2021
Figure 8. By Type - Global Generative Design Revenue Market Share, 2017-2028
Figure 9. By Application - Global Generative Design Revenue Market Share, 2017-2028
Figure 10. By Region - Global Generative Design Revenue Market Share, 2017-2028
Figure 11. By Country - North America Generative Design Revenue Market Share, 2017-2028
Figure 12. US Generative Design Revenue, (US$, Mn), 2017-2028
Figure 13. Canada Generative Design Revenue, (US$, Mn), 2017-2028
Figure 14. Mexico Generative Design Revenue, (US$, Mn), 2017-2028
Figure 15. By Country - Europe Generative Design Revenue Market Share, 2017-2028
Figure 16. Germany Generative Design Revenue, (US$, Mn), 2017-2028
Figure 17. France Generative Design Revenue, (US$, Mn), 2017-2028
Figure 18. U.K. Generative Design Revenue, (US$, Mn), 2017-2028
Figure 19. Italy Generative Design Revenue, (US$, Mn), 2017-2028
Figure 20. Russia Generative Design Revenue, (US$, Mn), 2017-2028
Figure 21. Nordic Countries Generative Design Revenue, (US$, Mn), 2017-2028
Figure 22. Benelux Generative Design Revenue, (US$, Mn), 2017-2028
Figure 23. By Region - Asia Generative Design Revenue Market Share, 2017-2028
Figure 24. China Generative Design Revenue, (US$, Mn), 2017-2028
Figure 25. Japan Generative Design Revenue, (US$, Mn), 2017-2028
Figure 26. South Korea Generative Design Revenue, (US$, Mn), 2017-2028
Figure 27. Southeast Asia Generative Design Revenue, (US$, Mn), 2017-2028
Figure 28. India Generative Design Revenue, (US$, Mn), 2017-2028
Figure 29. By Country - South America Generative Design Revenue Market Share, 2017-2028
Figure 30. Brazil Generative Design Revenue, (US$, Mn), 2017-2028
Figure 31. Argentina Generative Design Revenue, (US$, Mn), 2017-2028
Figure 32. By Country - Middle East & Africa Generative Design Revenue Market

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Share, 2017-2028
Figure 33. Turkey Generative Design Revenue, (US$, Mn), 2017-2028
Figure 34. Israel Generative Design Revenue, (US$, Mn), 2017-2028
Figure 35. Saudi Arabia Generative Design Revenue, (US$, Mn), 2017-2028
Figure 36. UAE Generative Design Revenue, (US$, Mn), 2017-2028
Figure 37. Autodesk Generative Design Revenue Year Over Year Growth (US$, Mn) & (2017-2022)
Figure 38. Altair Generative Design Revenue Year Over Year Growth (US$, Mn) & (2017-2022)
Figure 39. ANSYS Generative Design Revenue Year Over Year Growth (US$, Mn) & (2017-2022)
Figure 40. MSC Software Generative Design Revenue Year Over Year Growth (US$, Mn) & (2017-2022)
Figure 41. 3DEXPERIENCE Company Generative Design Revenue Year Over Year Growth (US$, Mn) & (2017-2022)
Figure 42. ESI Group Generative Design Revenue Year Over Year Growth (US$, Mn) & (2017-2022)
Figure 43. Bentley Systems Generative Design Revenue Year Over Year Growth (US$, Mn) & (2017-2022)
Figure 44. Desktop Metal Generative Design Revenue Year Over Year Growth (US$, Mn) & (2017-2022)
Figure 45. nTopology Generative Design Revenue Year Over Year Growth (US$, Mn) & (2017-2022)
Figure 46. Paramatters Generative Design Revenue Year Over Year Growth (US$, Mn) & (2017-2022)

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