

2020-2025 Global Generative Design Software Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

<https://marketpublishers.com/r/2688DA8CB5B2EN.html>

Date: May 2021

Pages: 122

Price: US\$ 3,360.00 (Single User License)

ID: 2688DA8CB5B2EN

Abstracts

Designers or engineers incorporate design goals into the Generative Design Software, as well as materials, manufacturing methods, and cost constraints. Unlike topology optimization, the software explores all possible permutations of the solution and quickly generates design alternatives.

This report elaborates the market size, market characteristics, and market growth of the Generative Design Software industry, and breaks down according to the type, application, and consumption area of Generative Design Software. The report also conducted a PESTEL analysis of the industry to study the main influencing factors and entry barriers of the industry.

In Chapter 3.4 of the report, the impact of the COVID-19 outbreak on the industry was fully assessed. Fully risk assessment and industry recommendations were made for Generative Design Software in a special period. This chapter also compares the markets of Pre COVID-19 and Post COVID-19.

In addition, chapters 8-12 consider the impact of COVID-19 on the regional economy.

Key players in the global Generative Design Software market covered in Chapter 13:

Altair

Autodesk

Dassault Syst?mes

MSC Software

ANSYS

Ntopology

nTopology

Paramatters

Bentley Systems
ESI Group
Desktop Metal

In Chapter 6, on the basis of types, the Generative Design Software market from 2015 to 2025 is primarily split into:

On-premises
Cloud

In Chapter 7, on the basis of applications, the Generative Design Software market from 2015 to 2025 covers:

Automotive
Aerospace & Defense
Industrial Manufacturing
Building
Others

Geographically, the detailed analysis of production, trade of the following countries is covered in Chapter 4.2, 5:

United States
Europe
China
Japan
India

Geographically, the detailed analysis of consumption, revenue, market share and growth rate of the following regions are covered in Chapter 8, 9, 10, 11, 12:

North America (Covered in Chapter 8)

United States

Canada

Mexico

Europe (Covered in Chapter 9)

Germany

UK

France

Italy

Spain

Others

Asia-Pacific (Covered in Chapter 10)

China
Japan
India
South Korea
Southeast Asia
Others
Middle East and Africa (Covered in Chapter 11)
Saudi Arabia
UAE
South Africa
Others
South America (Covered in Chapter 12)
Brazil
Others

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025

Contents

1 GENERATIVE DESIGN SOFTWARE MARKET - RESEARCH SCOPE

- 1.1 Study Goals
- 1.2 Market Definition and Scope
- 1.3 Key Market Segments
- 1.4 Study and Forecasting Years

2 GENERATIVE DESIGN SOFTWARE MARKET - RESEARCH METHODOLOGY

- 2.1 Methodology
- 2.2 Research Data Source
 - 2.2.1 Secondary Data
 - 2.2.2 Primary Data
 - 2.2.3 Market Size Estimation
 - 2.2.4 Legal Disclaimer

3 GENERATIVE DESIGN SOFTWARE MARKET FORCES

- 3.1 Global Generative Design Software Market Size
- 3.2 Top Impacting Factors (PESTEL Analysis)
 - 3.2.1 Political Factors
 - 3.2.2 Economic Factors
 - 3.2.3 Social Factors
 - 3.2.4 Technological Factors
 - 3.2.5 Environmental Factors
 - 3.2.6 Legal Factors
- 3.3 Industry Trend Analysis
- 3.4 Industry Trends Under COVID-19
 - 3.4.1 Risk Assessment on COVID-19
 - 3.4.2 Assessment of the Overall Impact of COVID-19 on the Industry
 - 3.4.3 Pre COVID-19 and Post COVID-19 Market Scenario
- 3.5 Industry Risk Assessment

4 GENERATIVE DESIGN SOFTWARE MARKET - BY GEOGRAPHY

- 4.1 Global Generative Design Software Market Value and Market Share by Regions
 - 4.1.1 Global Generative Design Software Value (\$) by Region (2015-2020)

- 4.1.2 Global Generative Design Software Value Market Share by Regions (2015-2020)
- 4.2 Global Generative Design Software Market Production and Market Share by Major Countries
 - 4.2.1 Global Generative Design Software Production by Major Countries (2015-2020)
 - 4.2.2 Global Generative Design Software Production Market Share by Major Countries (2015-2020)
- 4.3 Global Generative Design Software Market Consumption and Market Share by Regions
 - 4.3.1 Global Generative Design Software Consumption by Regions (2015-2020)
 - 4.3.2 Global Generative Design Software Consumption Market Share by Regions (2015-2020)

5 GENERATIVE DESIGN SOFTWARE MARKET - BY TRADE STATISTICS

- 5.1 Global Generative Design Software Export and Import
- 5.2 United States Generative Design Software Export and Import (2015-2020)
- 5.3 Europe Generative Design Software Export and Import (2015-2020)
- 5.4 China Generative Design Software Export and Import (2015-2020)
- 5.5 Japan Generative Design Software Export and Import (2015-2020)
- 5.6 India Generative Design Software Export and Import (2015-2020)
- 5.7 ...

6 GENERATIVE DESIGN SOFTWARE MARKET - BY TYPE

- 6.1 Global Generative Design Software Production and Market Share by Types (2015-2020)
 - 6.1.1 Global Generative Design Software Production by Types (2015-2020)
 - 6.1.2 Global Generative Design Software Production Market Share by Types (2015-2020)
- 6.2 Global Generative Design Software Value and Market Share by Types (2015-2020)
 - 6.2.1 Global Generative Design Software Value by Types (2015-2020)
 - 6.2.2 Global Generative Design Software Value Market Share by Types (2015-2020)
- 6.3 Global Generative Design Software Production, Price and Growth Rate of On-premises (2015-2020)
- 6.4 Global Generative Design Software Production, Price and Growth Rate of Cloud (2015-2020)

7 GENERATIVE DESIGN SOFTWARE MARKET - BY APPLICATION

7.1 Global Generative Design Software Consumption and Market Share by Applications (2015-2020)

7.1.1 Global Generative Design Software Consumption by Applications (2015-2020)

7.1.2 Global Generative Design Software Consumption Market Share by Applications (2015-2020)

7.2 Global Generative Design Software Consumption and Growth Rate of Automotive (2015-2020)

7.3 Global Generative Design Software Consumption and Growth Rate of Aerospace & Defense (2015-2020)

7.4 Global Generative Design Software Consumption and Growth Rate of Industrial Manufacturing (2015-2020)

7.5 Global Generative Design Software Consumption and Growth Rate of Building (2015-2020)

7.6 Global Generative Design Software Consumption and Growth Rate of Others (2015-2020)

8 NORTH AMERICA GENERATIVE DESIGN SOFTWARE MARKET

8.1 North America Generative Design Software Market Size

8.2 United States Generative Design Software Market Size

8.3 Canada Generative Design Software Market Size

8.4 Mexico Generative Design Software Market Size

8.5 The Influence of COVID-19 on North America Market

9 EUROPE GENERATIVE DESIGN SOFTWARE MARKET ANALYSIS

9.1 Europe Generative Design Software Market Size

9.2 Germany Generative Design Software Market Size

9.3 United Kingdom Generative Design Software Market Size

9.4 France Generative Design Software Market Size

9.5 Italy Generative Design Software Market Size

9.6 Spain Generative Design Software Market Size

9.7 The Influence of COVID-19 on Europe Market

10 ASIA-PACIFIC GENERATIVE DESIGN SOFTWARE MARKET ANALYSIS

10.1 Asia-Pacific Generative Design Software Market Size

10.2 China Generative Design Software Market Size

10.3 Japan Generative Design Software Market Size

- 10.4 South Korea Generative Design Software Market Size
- 10.5 Southeast Asia Generative Design Software Market Size
- 10.6 India Generative Design Software Market Size
- 10.7 The Influence of COVID-19 on Asia Pacific Market

11 MIDDLE EAST AND AFRICA GENERATIVE DESIGN SOFTWARE MARKET ANALYSIS

- 11.1 Middle East and Africa Generative Design Software Market Size
- 11.2 Saudi Arabia Generative Design Software Market Size
- 11.3 UAE Generative Design Software Market Size
- 11.4 South Africa Generative Design Software Market Size
- 11.5 The Influence of COVID-19 on Middle East and Africa Market

12 SOUTH AMERICA GENERATIVE DESIGN SOFTWARE MARKET ANALYSIS

- 12.1 South America Generative Design Software Market Size
- 12.2 Brazil Generative Design Software Market Size
- 12.3 The Influence of COVID-19 on South America Market

13 COMPANY PROFILES

- 13.1 Altair
 - 13.1.1 Altair Basic Information
 - 13.1.2 Altair Product Profiles, Application and Specification
 - 13.1.3 Altair Generative Design Software Market Performance (2015-2020)
- 13.2 Autodesk
 - 13.2.1 Autodesk Basic Information
 - 13.2.2 Autodesk Product Profiles, Application and Specification
 - 13.2.3 Autodesk Generative Design Software Market Performance (2015-2020)
- 13.3 Dassault Syst?mes
 - 13.3.1 Dassault Syst?mes Basic Information
 - 13.3.2 Dassault Syst?mes Product Profiles, Application and Specification
 - 13.3.3 Dassault Syst?mes Generative Design Software Market Performance (2015-2020)
- 13.4 MSC Software
 - 13.4.1 MSC Software Basic Information
 - 13.4.2 MSC Software Product Profiles, Application and Specification
 - 13.4.3 MSC Software Generative Design Software Market Performance (2015-2020)

13.5 ANSYS

13.5.1 ANSYS Basic Information

13.5.2 ANSYS Product Profiles, Application and Specification

13.5.3 ANSYS Generative Design Software Market Performance (2015-2020)

13.6 Ntopology

13.6.1 Ntopology Basic Information

13.6.2 Ntopology Product Profiles, Application and Specification

13.6.3 Ntopology Generative Design Software Market Performance (2015-2020)

13.7 nTopology

13.7.1 nTopology Basic Information

13.7.2 nTopology Product Profiles, Application and Specification

13.7.3 nTopology Generative Design Software Market Performance (2015-2020)

13.8 Paramatters

13.8.1 Paramatters Basic Information

13.8.2 Paramatters Product Profiles, Application and Specification

13.8.3 Paramatters Generative Design Software Market Performance (2015-2020)

13.9 Bentley Systems

13.9.1 Bentley Systems Basic Information

13.9.2 Bentley Systems Product Profiles, Application and Specification

13.9.3 Bentley Systems Generative Design Software Market Performance (2015-2020)

13.10 ESI Group

13.10.1 ESI Group Basic Information

13.10.2 ESI Group Product Profiles, Application and Specification

13.10.3 ESI Group Generative Design Software Market Performance (2015-2020)

13.11 Desktop Metal

13.11.1 Desktop Metal Basic Information

13.11.2 Desktop Metal Product Profiles, Application and Specification

13.11.3 Desktop Metal Generative Design Software Market Performance (2015-2020)

14 MARKET FORECAST - BY REGIONS

14.1 North America Generative Design Software Market Forecast (2020-2025)

14.2 Europe Generative Design Software Market Forecast (2020-2025)

14.3 Asia-Pacific Generative Design Software Market Forecast (2020-2025)

14.4 Middle East and Africa Generative Design Software Market Forecast (2020-2025)

14.5 South America Generative Design Software Market Forecast (2020-2025)

15 MARKET FORECAST - BY TYPE AND APPLICATIONS

15.1 Global Generative Design Software Market Forecast by Types (2020-2025)

15.1.1 Global Generative Design Software Market Forecast Production and Market Share by Types (2020-2025)

15.1.2 Global Generative Design Software Market Forecast Value and Market Share by Types (2020-2025)

15.2 Global Generative Design Software Market Forecast by Applications (2020-2025)

List Of Tables

LIST OF TABLES AND FIGURES

Figure Generative Design Software Picture
Table Generative Design Software Key Market Segments
Figure Study and Forecasting Years
Figure Global Generative Design Software Market Size and Growth Rate 2015-2025
Figure Industry PESTEL Analysis
Figure Global COVID-19 Status
Figure Market Size Forecast Comparison of Pre COVID-19 and Post COVID-19
Figure Global Generative Design Software Value (\$) and Growth Rate (2015-2020)
Table Global Generative Design Software Value (\$) by Countries (2015-2020)
Table Global Generative Design Software Value Market Share by Regions (2015-2020)
Figure Global Generative Design Software Value Market Share by Regions in 2019
Figure Global Generative Design Software Production and Growth Rate (2015-2020)
Table Global Generative Design Software Production by Major Countries (2015-2020)
Table Global Generative Design Software Production Market Share by Major Countries (2015-2020)
Figure Global Generative Design Software Production Market Share by Regions in 2019
Figure Global Generative Design Software Consumption and Growth Rate (2015-2020)
Table Global Generative Design Software Consumption by Regions (2015-2020)
Table Global Generative Design Software Consumption Market Share by Regions (2015-2020)
Figure Global Generative Design Software Consumption Market Share by Regions in 2019
Table Global Generative Design Software Export Top 3 Country 2019
Table Global Generative Design Software Import Top 3 Country 2019
Table United States Generative Design Software Export and Import (2015-2020)
Table Europe Generative Design Software Export and Import (2015-2020)
Table China Generative Design Software Export and Import (2015-2020)
Table Japan Generative Design Software Export and Import (2015-2020)
Table India Generative Design Software Export and Import (2015-2020)
Table Global Generative Design Software Production by Types (2015-2020)
Table Global Generative Design Software Production Market Share by Types (2015-2020)
Figure Global Generative Design Software Production Share by Type (2015-2020)
Table Global Generative Design Software Value by Types (2015-2020)
Table Global Generative Design Software Value Market Share by Types (2015-2020)

Figure Global Generative Design Software Value Share by Type (2015-2020)

Figure Global On-premises Production and Growth Rate (2015-2020)

Figure Global On-premises Price (2015-2020)

Figure Global Cloud Production and Growth Rate (2015-2020)

Figure Global Cloud Price (2015-2020)

Table Global Generative Design Software Consumption by Applications (2015-2020)

Table Global Generative Design Software Consumption Market Share by Applications (2015-2020)

Figure Global Generative Design Software Consumption Share by Application (2015-2020)

Figure Global Automotive Consumption and Growth Rate (2015-2020)

Figure Global Aerospace & Defense Consumption and Growth Rate (2015-2020)

Figure Global Industrial Manufacturing Consumption and Growth Rate (2015-2020)

Figure Global Building Consumption and Growth Rate (2015-2020)

Figure Global Others Consumption and Growth Rate (2015-2020)

Figure North America Generative Design Software Market Consumption and Growth Rate (2015-2020)

Table North America Generative Design Software Consumption by Countries (2015-2020)

Table North America Generative Design Software Consumption Market Share by Countries (2015-2020)

Figure North America Generative Design Software Consumption Market Share by Countries (2015-2020)

Figure United States Generative Design Software Market Consumption and Growth Rate (2015-2020)

Figure Canada Generative Design Software Market Consumption and Growth Rate (2015-2020)

Figure Mexico Generative Design Software Market Consumption and Growth Rate (2015-2020)

Figure North America COVID-19 Status

Figure Europe Generative Design Software Market Consumption and Growth Rate (2015-2020)

Table Europe Generative Design Software Consumption by Countries (2015-2020)

Table Europe Generative Design Software Consumption Market Share by Countries (2015-2020)

Figure Europe Generative Design Software Consumption Market Share by Countries (2015-2020)

Figure Germany Generative Design Software Market Consumption and Growth Rate (2015-2020)

Figure United Kingdom Generative Design Software Market Consumption and Growth Rate (2015-2020)

Figure France Generative Design Software Market Consumption and Growth Rate (2015-2020)

Figure Italy Generative Design Software Market Consumption and Growth Rate (2015-2020)

Figure Spain Generative Design Software Market Consumption and Growth Rate (2015-2020)

Figure Europe COVID-19 Status

Figure Asia-Pacific Generative Design Software Market Consumption and Growth Rate (2015-2020)

Table Asia-Pacific Generative Design Software Consumption by Countries (2015-2020)

Table Asia-Pacific Generative Design Software Consumption Market Share by Countries (2015-2020)

Figure Asia-Pacific Generative Design Software Consumption Market Share by Countries (2015-2020)

Figure China Generative Design Software Market Consumption and Growth Rate (2015-2020)

Figure Japan Generative Design Software Market Consumption and Growth Rate (2015-2020)

Figure South Korea Generative Design Software Market Consumption and Growth Rate (2015-2020)

Figure Southeast Asia Generative Design Software Market Consumption and Growth Rate (2015-2020)

Figure India Generative Design Software Market Consumption and Growth Rate (2015-2020)

Figure Asia Pacific COVID-19 Status

Figure Middle East and Africa Generative Design Software Market Consumption and Growth Rate (2015-2020)

Table Middle East and Africa Generative Design Software Consumption by Countries (2015-2020)

Table Middle East and Africa Generative Design Software Consumption Market Share by Countries (2015-2020)

Figure Middle East and Africa Generative Design Software Consumption Market Share by Countries (2015-2020)

Figure Saudi Arabia Generative Design Software Market Consumption and Growth Rate (2015-2020)

Figure UAE Generative Design Software Market Consumption and Growth Rate (2015-2020)

Figure South Africa Generative Design Software Market Consumption and Growth Rate (2015-2020)

Figure South America Generative Design Software Market Consumption and Growth Rate (2015-2020)

Table South America Generative Design Software Consumption by Countries (2015-2020)

Table South America Generative Design Software Consumption Market Share by Countries (2015-2020)

Figure South America Generative Design Software Consumption Market Share by Countries (2015-2020)

Figure Brazil Generative Design Software Market Consumption and Growth Rate (2015-2020)

Table Altair Company Profile

Table Altair Production, Value, Price, Gross Margin 2015-2020

Figure Altair Production and Growth Rate

Figure Altair Value (\$) Market Share 2015-2020

Table Autodesk Company Profile

Table Autodesk Production, Value, Price, Gross Margin 2015-2020

Figure Autodesk Production and Growth Rate

Figure Autodesk Value (\$) Market Share 2015-2020

Table Dassault Syst?mes Company Profile

Table Dassault Syst?mes Production, Value, Price, Gross Margin 2015-2020

Figure Dassault Syst?mes Production and Growth Rate

Figure Dassault Syst?mes Value (\$) Market Share 2015-2020

Table MSC Software Company Profile

Table MSC Software Production, Value, Price, Gross Margin 2015-2020

Figure MSC Software Production and Growth Rate

Figure MSC Software Value (\$) Market Share 2015-2020

Table ANSYS Company Profile

Table ANSYS Production, Value, Price, Gross Margin 2015-2020

Figure ANSYS Production and Growth Rate

Figure ANSYS Value (\$) Market Share 2015-2020

Table Ntopology Company Profile

Table Ntopology Production, Value, Price, Gross Margin 2015-2020

Figure Ntopology Production and Growth Rate

Figure Ntopology Value (\$) Market Share 2015-2020

Table nTopology Company Profile

Table nTopology Production, Value, Price, Gross Margin 2015-2020

Figure nTopology Production and Growth Rate

Figure nTopology Value (\$) Market Share 2015-2020
Table Paramatters Company Profile
Table Paramatters Production, Value, Price, Gross Margin 2015-2020
Figure Paramatters Production and Growth Rate
Figure Paramatters Value (\$) Market Share 2015-2020
Table Bentley Systems Company Profile
Table Bentley Systems Production, Value, Price, Gross Margin 2015-2020
Figure Bentley Systems Production and Growth Rate
Figure Bentley Systems Value (\$) Market Share 2015-2020
Table ESI Group Company Profile
Table ESI Group Production, Value, Price, Gross Margin 2015-2020
Figure ESI Group Production and Growth Rate
Figure ESI Group Value (\$) Market Share 2015-2020
Table Desktop Metal Company Profile
Table Desktop Metal Production, Value, Price, Gross Margin 2015-2020
Figure Desktop Metal Production and Growth Rate
Figure Desktop Metal Value (\$) Market Share 2015-2020
Figure North America Market Consumption and Growth Rate Forecast (2020-2025)
Figure Europe Market Consumption and Growth Rate Forecast (2020-2025)
Figure Asia-Pacific Market Consumption and Growth Rate Forecast (2020-2025)
Figure Middle East and Africa Market Consumption and Growth Rate Forecast (2020-2025)
Figure South America Market Consumption and Growth Rate Forecast (2020-2025)
Table Global Generative Design Software Market Forecast Production by Types (2020-2025)
Table Global Generative Design Software Market Forecast Production Share by Types (2020-2025)
Table Global Generative Design Software Market Forecast Value (\$) by Types (2020-2025)
Table Global Generative Design Software Market Forecast Value Share by Types (2020-2025)
Table Global Generative Design Software Market Forecast Consumption by Applications (2020-2025)
Table Global Generative Design Software Market Forecast Consumption Share by Applications (2020-2025)

I would like to order

Product name: 2020-2025 Global Generative Design Software Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

Product link: <https://marketpublishers.com/r/2688DA8CB5B2EN.html>

Price: US\$ 3,360.00 (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/2688DA8CB5B2EN.html>