

Global Forging Process Simulation Software Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GD34754051D7EN.html>

Date: November 2023

Pages: 97

Price: US\$ 4,480.00 (Single User License)

ID: GD34754051D7EN

Abstracts

The global Forging Process Simulation Software market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Forging process simulation software is a computer program that allows engineers and manufacturers to simulate and analyze the forging process before it is actually carried out. It uses mathematical models and algorithms to predict the behavior of the material during the forging process, including factors such as temperature, strain, and deformation.

The software can simulate various types of forging processes, such as open-die forging, closed-die forging, and ring rolling. It can also simulate different materials, including metals and alloys.

By using forging process simulation software, engineers can optimize the design of the forging process, predict and avoid potential defects or issues, and improve the overall quality of the final forged product. It can also help in reducing the number of physical prototypes required, saving time and costs in the manufacturing process.

This report studies the global Forging Process Simulation Software demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Forging Process Simulation Software, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Forging Process

Simulation Software that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Forging Process Simulation Software total market, 2018-2029, (USD Million)

Global Forging Process Simulation Software total market by region & country, CAGR, 2018-2029, (USD Million)

U.S. VS China: Forging Process Simulation Software total market, key domestic companies and share, (USD Million)

Global Forging Process Simulation Software revenue by player and market share 2018-2023, (USD Million)

Global Forging Process Simulation Software total market by Type, CAGR, 2018-2029, (USD Million)

Global Forging Process Simulation Software total market by Application, CAGR, 2018-2029, (USD Million).

This reports profiles major players in the global Forging Process Simulation Software market based on the following parameters – company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include MFRC(Metal Forming Research Corporation), Transvalor, Scientific Forming Technologies Corporation, QuantorForm Ltd., MSC Software Corporation and Tianjin Xinchuang Zhenhua Technology Development, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Forging Process Simulation Software market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Type, and by Application. Data is given for the years

2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Forging Process Simulation Software Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Forging Process Simulation Software Market, Segmentation by Type

Based on Physical Principles

Based on Finite Element Method

Based on Empirical Model

Based on AI

Global Forging Process Simulation Software Market, Segmentation by Application

Enterprise

Individual

Companies Profiled:

MFRC(Metal Forming Research Corporation)

Transvalor

Scientific Forming Technologies Corporation

QuantorForm Ltd.

MSC Software Corporation

Tianjin Xinchuang Zhenhua Technology Development

Key Questions Answered

1. How big is the global Forging Process Simulation Software market?
2. What is the demand of the global Forging Process Simulation Software market?
3. What is the year over year growth of the global Forging Process Simulation Software market?
4. What is the total value of the global Forging Process Simulation Software market?
5. Who are the major players in the global Forging Process Simulation Software market?

Contents

1 SUPPLY SUMMARY

- 1.1 Forging Process Simulation Software Introduction
- 1.2 World Forging Process Simulation Software Market Size & Forecast (2018 & 2022 & 2029)
- 1.3 World Forging Process Simulation Software Total Market by Region (by Headquarter Location)
 - 1.3.1 World Forging Process Simulation Software Market Size by Region (2018-2029), (by Headquarter Location)
 - 1.3.2 United States Forging Process Simulation Software Market Size (2018-2029)
 - 1.3.3 China Forging Process Simulation Software Market Size (2018-2029)
 - 1.3.4 Europe Forging Process Simulation Software Market Size (2018-2029)
 - 1.3.5 Japan Forging Process Simulation Software Market Size (2018-2029)
 - 1.3.6 South Korea Forging Process Simulation Software Market Size (2018-2029)
 - 1.3.7 ASEAN Forging Process Simulation Software Market Size (2018-2029)
 - 1.3.8 India Forging Process Simulation Software Market Size (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Forging Process Simulation Software Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Forging Process Simulation Software Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Forging Process Simulation Software Consumption Value (2018-2029)
- 2.2 World Forging Process Simulation Software Consumption Value by Region
 - 2.2.1 World Forging Process Simulation Software Consumption Value by Region (2018-2023)
 - 2.2.2 World Forging Process Simulation Software Consumption Value Forecast by Region (2024-2029)
- 2.3 United States Forging Process Simulation Software Consumption Value (2018-2029)
- 2.4 China Forging Process Simulation Software Consumption Value (2018-2029)
- 2.5 Europe Forging Process Simulation Software Consumption Value (2018-2029)
- 2.6 Japan Forging Process Simulation Software Consumption Value (2018-2029)
- 2.7 South Korea Forging Process Simulation Software Consumption Value (2018-2029)
- 2.8 ASEAN Forging Process Simulation Software Consumption Value (2018-2029)
- 2.9 India Forging Process Simulation Software Consumption Value (2018-2029)

3 WORLD FORGING PROCESS SIMULATION SOFTWARE COMPANIES COMPETITIVE ANALYSIS

3.1 World Forging Process Simulation Software Revenue by Player (2018-2023)

3.2 Industry Rank and Concentration Rate (CR)

3.2.1 Global Forging Process Simulation Software Industry Rank of Major Players

3.2.2 Global Concentration Ratios (CR4) for Forging Process Simulation Software in 2022

3.2.3 Global Concentration Ratios (CR8) for Forging Process Simulation Software in 2022

3.3 Forging Process Simulation Software Company Evaluation Quadrant

3.4 Forging Process Simulation Software Market: Overall Company Footprint Analysis

3.4.1 Forging Process Simulation Software Market: Region Footprint

3.4.2 Forging Process Simulation Software Market: Company Product Type Footprint

3.4.3 Forging Process Simulation Software Market: Company Product Application Footprint

3.5 Competitive Environment

3.5.1 Historical Structure of the Industry

3.5.2 Barriers of Market Entry

3.5.3 Factors of Competition

3.6 Mergers, Acquisitions Activity

4 UNITED STATES VS CHINA VS REST OF THE WORLD (BY HEADQUARTER LOCATION)

4.1 United States VS China: Forging Process Simulation Software Revenue Comparison (by Headquarter Location)

4.1.1 United States VS China: Forging Process Simulation Software Market Size Comparison (2018 & 2022 & 2029) (by Headquarter Location)

4.1.2 United States VS China: Forging Process Simulation Software Revenue Market Share Comparison (2018 & 2022 & 2029)

4.2 United States Based Companies VS China Based Companies: Forging Process Simulation Software Consumption Value Comparison

4.2.1 United States VS China: Forging Process Simulation Software Consumption Value Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Forging Process Simulation Software Consumption Value Market Share Comparison (2018 & 2022 & 2029)

4.3 United States Based Forging Process Simulation Software Companies and Market

Share, 2018-2023

4.3.1 United States Based Forging Process Simulation Software Companies, Headquarters (States, Country)

4.3.2 United States Based Companies Forging Process Simulation Software Revenue, (2018-2023)

4.4 China Based Companies Forging Process Simulation Software Revenue and Market Share, 2018-2023

4.4.1 China Based Forging Process Simulation Software Companies, Company Headquarters (Province, Country)

4.4.2 China Based Companies Forging Process Simulation Software Revenue, (2018-2023)

4.5 Rest of World Based Forging Process Simulation Software Companies and Market Share, 2018-2023

4.5.1 Rest of World Based Forging Process Simulation Software Companies, Headquarters (States, Country)

4.5.2 Rest of World Based Companies Forging Process Simulation Software Revenue, (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Forging Process Simulation Software Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Based on Physical Principles

5.2.2 Based on Finite Element Method

5.2.3 Based on Empirical Model

5.2.4 Based on AI

5.3 Market Segment by Type

5.3.1 World Forging Process Simulation Software Market Size by Type (2018-2023)

5.3.2 World Forging Process Simulation Software Market Size by Type (2024-2029)

5.3.3 World Forging Process Simulation Software Market Size Market Share by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Forging Process Simulation Software Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Enterprise

6.2.2 Individual

6.3 Market Segment by Application

6.3.1 World Forging Process Simulation Software Market Size by Application (2018-2023)

6.3.2 World Forging Process Simulation Software Market Size by Application (2024-2029)

6.3.3 World Forging Process Simulation Software Market Size by Application (2018-2029)

7 COMPANY PROFILES

7.1 MFRC(Metal Forming Research Corporation)

7.1.1 MFRC(Metal Forming Research Corporation) Details

7.1.2 MFRC(Metal Forming Research Corporation) Major Business

7.1.3 MFRC(Metal Forming Research Corporation) Forging Process Simulation Software Product and Services

7.1.4 MFRC(Metal Forming Research Corporation) Forging Process Simulation Software Revenue, Gross Margin and Market Share (2018-2023)

7.1.5 MFRC(Metal Forming Research Corporation) Recent Developments/Updates

7.1.6 MFRC(Metal Forming Research Corporation) Competitive Strengths & Weaknesses

7.2 Transvalor

7.2.1 Transvalor Details

7.2.2 Transvalor Major Business

7.2.3 Transvalor Forging Process Simulation Software Product and Services

7.2.4 Transvalor Forging Process Simulation Software Revenue, Gross Margin and Market Share (2018-2023)

7.2.5 Transvalor Recent Developments/Updates

7.2.6 Transvalor Competitive Strengths & Weaknesses

7.3 Scientific Forming Technologies Corporation

7.3.1 Scientific Forming Technologies Corporation Details

7.3.2 Scientific Forming Technologies Corporation Major Business

7.3.3 Scientific Forming Technologies Corporation Forging Process Simulation Software Product and Services

7.3.4 Scientific Forming Technologies Corporation Forging Process Simulation Software Revenue, Gross Margin and Market Share (2018-2023)

7.3.5 Scientific Forming Technologies Corporation Recent Developments/Updates

7.3.6 Scientific Forming Technologies Corporation Competitive Strengths & Weaknesses

7.4 QuantorForm Ltd.

7.4.1 QuantorForm Ltd. Details

7.4.2 QuantorForm Ltd. Major Business

7.4.3 QuantorForm Ltd. Forging Process Simulation Software Product and Services

7.4.4 QuantorForm Ltd. Forging Process Simulation Software Revenue, Gross Margin and Market Share (2018-2023)

7.4.5 QuantorForm Ltd. Recent Developments/Updates

7.4.6 QuantorForm Ltd. Competitive Strengths & Weaknesses

7.5 MSC Software Corporation

7.5.1 MSC Software Corporation Details

7.5.2 MSC Software Corporation Major Business

7.5.3 MSC Software Corporation Forging Process Simulation Software Product and Services

7.5.4 MSC Software Corporation Forging Process Simulation Software Revenue, Gross Margin and Market Share (2018-2023)

7.5.5 MSC Software Corporation Recent Developments/Updates

7.5.6 MSC Software Corporation Competitive Strengths & Weaknesses

7.6 Tianjin Xinchuang Zhenhua Technology Development

7.6.1 Tianjin Xinchuang Zhenhua Technology Development Details

7.6.2 Tianjin Xinchuang Zhenhua Technology Development Major Business

7.6.3 Tianjin Xinchuang Zhenhua Technology Development Forging Process Simulation Software Product and Services

7.6.4 Tianjin Xinchuang Zhenhua Technology Development Forging Process Simulation Software Revenue, Gross Margin and Market Share (2018-2023)

7.6.5 Tianjin Xinchuang Zhenhua Technology Development Recent Developments/Updates

7.6.6 Tianjin Xinchuang Zhenhua Technology Development Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Forging Process Simulation Software Industry Chain

8.2 Forging Process Simulation Software Upstream Analysis

8.3 Forging Process Simulation Software Midstream Analysis

8.4 Forging Process Simulation Software Downstream Analysis

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Forging Process Simulation Software Revenue by Region (2018, 2022 and 2029) & (USD Million), (by Headquarter Location)

Table 2. World Forging Process Simulation Software Revenue by Region (2018-2023) & (USD Million), (by Headquarter Location)

Table 3. World Forging Process Simulation Software Revenue by Region (2024-2029) & (USD Million), (by Headquarter Location)

Table 4. World Forging Process Simulation Software Revenue Market Share by Region (2018-2023), (by Headquarter Location)

Table 5. World Forging Process Simulation Software Revenue Market Share by Region (2024-2029), (by Headquarter Location)

Table 6. Major Market Trends

Table 7. World Forging Process Simulation Software Consumption Value Growth Rate Forecast by Region (2018 & 2022 & 2029) & (USD Million)

Table 8. World Forging Process Simulation Software Consumption Value by Region (2018-2023) & (USD Million)

Table 9. World Forging Process Simulation Software Consumption Value Forecast by Region (2024-2029) & (USD Million)

Table 10. World Forging Process Simulation Software Revenue by Player (2018-2023) & (USD Million)

Table 11. Revenue Market Share of Key Forging Process Simulation Software Players in 2022

Table 12. World Forging Process Simulation Software Industry Rank of Major Player, Based on Revenue in 2022

Table 13. Global Forging Process Simulation Software Company Evaluation Quadrant

Table 14. Head Office of Key Forging Process Simulation Software Player

Table 15. Forging Process Simulation Software Market: Company Product Type Footprint

Table 16. Forging Process Simulation Software Market: Company Product Application Footprint

Table 17. Forging Process Simulation Software Mergers & Acquisitions Activity

Table 18. United States VS China Forging Process Simulation Software Market Size Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 19. United States VS China Forging Process Simulation Software Consumption Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 20. United States Based Forging Process Simulation Software Companies,

Headquarters (States, Country)

Table 21. United States Based Companies Forging Process Simulation Software Revenue, (2018-2023) & (USD Million)

Table 22. United States Based Companies Forging Process Simulation Software Revenue Market Share (2018-2023)

Table 23. China Based Forging Process Simulation Software Companies, Headquarters (Province, Country)

Table 24. China Based Companies Forging Process Simulation Software Revenue, (2018-2023) & (USD Million)

Table 25. China Based Companies Forging Process Simulation Software Revenue Market Share (2018-2023)

Table 26. Rest of World Based Forging Process Simulation Software Companies, Headquarters (States, Country)

Table 27. Rest of World Based Companies Forging Process Simulation Software Revenue, (2018-2023) & (USD Million)

Table 28. Rest of World Based Companies Forging Process Simulation Software Revenue Market Share (2018-2023)

Table 29. World Forging Process Simulation Software Market Size by Type, (USD Million), 2018 & 2022 & 2029

Table 30. World Forging Process Simulation Software Market Size by Type (2018-2023) & (USD Million)

Table 31. World Forging Process Simulation Software Market Size by Type (2024-2029) & (USD Million)

Table 32. World Forging Process Simulation Software Market Size by Application, (USD Million), 2018 & 2022 & 2029

Table 33. World Forging Process Simulation Software Market Size by Application (2018-2023) & (USD Million)

Table 34. World Forging Process Simulation Software Market Size by Application (2024-2029) & (USD Million)

Table 35. MFRC(Metal Forming Research Corporation) Basic Information, Area Served and Competitors

Table 36. MFRC(Metal Forming Research Corporation) Major Business

Table 37. MFRC(Metal Forming Research Corporation) Forging Process Simulation Software Product and Services

Table 38. MFRC(Metal Forming Research Corporation) Forging Process Simulation Software Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 39. MFRC(Metal Forming Research Corporation) Recent Developments/Updates

Table 40. MFRC(Metal Forming Research Corporation) Competitive Strengths & Weaknesses

- Table 41. Transvalor Basic Information, Area Served and Competitors
- Table 42. Transvalor Major Business
- Table 43. Transvalor Forging Process Simulation Software Product and Services
- Table 44. Transvalor Forging Process Simulation Software Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)
- Table 45. Transvalor Recent Developments/Updates
- Table 46. Transvalor Competitive Strengths & Weaknesses
- Table 47. Scientific Forming Technologies Corporation Basic Information, Area Served and Competitors
- Table 48. Scientific Forming Technologies Corporation Major Business
- Table 49. Scientific Forming Technologies Corporation Forging Process Simulation Software Product and Services
- Table 50. Scientific Forming Technologies Corporation Forging Process Simulation Software Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)
- Table 51. Scientific Forming Technologies Corporation Recent Developments/Updates
- Table 52. Scientific Forming Technologies Corporation Competitive Strengths & Weaknesses
- Table 53. QuantorForm Ltd. Basic Information, Area Served and Competitors
- Table 54. QuantorForm Ltd. Major Business
- Table 55. QuantorForm Ltd. Forging Process Simulation Software Product and Services
- Table 56. QuantorForm Ltd. Forging Process Simulation Software Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)
- Table 57. QuantorForm Ltd. Recent Developments/Updates
- Table 58. QuantorForm Ltd. Competitive Strengths & Weaknesses
- Table 59. MSC Software Corporation Basic Information, Area Served and Competitors
- Table 60. MSC Software Corporation Major Business
- Table 61. MSC Software Corporation Forging Process Simulation Software Product and Services
- Table 62. MSC Software Corporation Forging Process Simulation Software Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)
- Table 63. MSC Software Corporation Recent Developments/Updates
- Table 64. Tianjin Xinchuang Zhenhua Technology Development Basic Information, Area Served and Competitors
- Table 65. Tianjin Xinchuang Zhenhua Technology Development Major Business
- Table 66. Tianjin Xinchuang Zhenhua Technology Development Forging Process Simulation Software Product and Services
- Table 67. Tianjin Xinchuang Zhenhua Technology Development Forging Process Simulation Software Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 68. Global Key Players of Forging Process Simulation Software Upstream (Raw Materials)

Table 69. Forging Process Simulation Software Typical Customers

LIST OF FIGURE

Figure 1. Forging Process Simulation Software Picture

Figure 2. World Forging Process Simulation Software Total Market Size: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Forging Process Simulation Software Total Market Size (2018-2029) & (USD Million)

Figure 4. World Forging Process Simulation Software Revenue Market Share by Region (2018, 2022 and 2029) & (USD Million) , (by Headquarter Location)

Figure 5. World Forging Process Simulation Software Revenue Market Share by Region (2018-2029), (by Headquarter Location)

Figure 6. United States Based Company Forging Process Simulation Software Revenue (2018-2029) & (USD Million)

Figure 7. China Based Company Forging Process Simulation Software Revenue (2018-2029) & (USD Million)

Figure 8. Europe Based Company Forging Process Simulation Software Revenue (2018-2029) & (USD Million)

Figure 9. Japan Based Company Forging Process Simulation Software Revenue (2018-2029) & (USD Million)

Figure 10. South Korea Based Company Forging Process Simulation Software Revenue (2018-2029) & (USD Million)

Figure 11. ASEAN Based Company Forging Process Simulation Software Revenue (2018-2029) & (USD Million)

Figure 12. India Based Company Forging Process Simulation Software Revenue (2018-2029) & (USD Million)

Figure 13. Forging Process Simulation Software Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Forging Process Simulation Software Consumption Value (2018-2029) & (USD Million)

Figure 16. World Forging Process Simulation Software Consumption Value Market Share by Region (2018-2029)

Figure 17. United States Forging Process Simulation Software Consumption Value (2018-2029) & (USD Million)

Figure 18. China Forging Process Simulation Software Consumption Value (2018-2029) & (USD Million)

- Figure 19. Europe Forging Process Simulation Software Consumption Value (2018-2029) & (USD Million)
- Figure 20. Japan Forging Process Simulation Software Consumption Value (2018-2029) & (USD Million)
- Figure 21. South Korea Forging Process Simulation Software Consumption Value (2018-2029) & (USD Million)
- Figure 22. ASEAN Forging Process Simulation Software Consumption Value (2018-2029) & (USD Million)
- Figure 23. India Forging Process Simulation Software Consumption Value (2018-2029) & (USD Million)
- Figure 24. Producer Shipments of Forging Process Simulation Software by Player Revenue (\$MM) and Market Share (%): 2022
- Figure 25. Global Four-firm Concentration Ratios (CR4) for Forging Process Simulation Software Markets in 2022
- Figure 26. Global Four-firm Concentration Ratios (CR8) for Forging Process Simulation Software Markets in 2022
- Figure 27. United States VS China: Forging Process Simulation Software Revenue Market Share Comparison (2018 & 2022 & 2029)
- Figure 28. United States VS China: Forging Process Simulation Software Consumption Value Market Share Comparison (2018 & 2022 & 2029)
- Figure 29. World Forging Process Simulation Software Market Size by Type, (USD Million), 2018 & 2022 & 2029
- Figure 30. World Forging Process Simulation Software Market Size Market Share by Type in 2022
- Figure 31. Based on Physical Principles
- Figure 32. Based on Finite Element Method
- Figure 33. Based on Empirical Model
- Figure 34. Based on AI
- Figure 35. World Forging Process Simulation Software Market Size Market Share by Type (2018-2029)
- Figure 36. World Forging Process Simulation Software Market Size by Application, (USD Million), 2018 & 2022 & 2029
- Figure 37. World Forging Process Simulation Software Market Size Market Share by Application in 2022
- Figure 38. Enterprise
- Figure 39. Individual
- Figure 40. Forging Process Simulation Software Industrial Chain
- Figure 41. Methodology
- Figure 42. Research Process and Data Source

I would like to order

Product name: Global Forging Process Simulation Software Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GD34754051D7EN.html>

Price: US\$ 4,480.00 (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/GD34754051D7EN.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

