

# Global 3D Printed Sand Molds and Cores Market Growth 2024-2030

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## Abstracts

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3D printed sand molds and cores are components used in the casting process to create metal parts with complex geometries. Traditional casting involves creating a mold or core by packing sand around a pattern, which is then removed to leave a cavity for molten metal.

The global 3D Printed Sand Molds and Cores market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of % from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "3D Printed Sand Molds and Cores Industry Forecast" looks at past sales and reviews total world 3D Printed Sand Molds and Cores sales in 2023, providing a comprehensive analysis by region and market sector of projected 3D Printed Sand Molds and Cores sales for 2024 through 2030. With 3D Printed Sand Molds and Cores sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world 3D Printed Sand Molds and Cores industry.

This Insight Report provides a comprehensive analysis of the global 3D Printed Sand Molds and Cores landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on 3D Printed Sand Molds and Cores portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global 3D Printed Sand Molds and Cores market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for 3D Printed Sand Molds and Cores and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global 3D Printed Sand Molds and Cores.

The 3D Printed Sand Molds and Cores market has witnessed significant growth, driven by advancements in additive manufacturing technologies and their applications in foundry processes. Major sales regions, including North America, Europe, and Asia Pacific, have experienced robust demand due to the automotive, aerospace, and manufacturing sectors' reliance on complex and lightweight components. Opportunities lie in expanding applications across diverse industries and enhancing material capabilities to meet stringent performance requirements. However, challenges persist, such as the high cost of 3D printing equipment and materials, as well as the need for standardization and quality assurance in production processes. Despite these hurdles, the market is poised for sustained growth as manufacturers increasingly adopt 3D printed sand molds and cores for cost-effective, customized, and sustainable manufacturing solutions.

This report presents a comprehensive overview, market shares, and growth opportunities of 3D Printed Sand Molds and Cores market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Binder Jetting

Selective Laser Sintering (SLS)

Fused Deposition Modeling (FDM)

Stereolithography (SLA)

Segmentation by Application:

Automotive Parts

Aerospace

Mechanical Equipment

Oil and Gas

Medical Equipment

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

## Europe

Germany

France

UK

Italy

Russia

## Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

ExOne

Voxeljet

Humtown

OK Foundry

Hoosier Pattern

Castings Technology

CMET

General Foundry

Magna Digitech

Beamler

3D Systems

Pentz Cast Solutions

Fenix Industries

Carpenter Brothers

#### Key Questions Addressed in this Report

What is the 10-year outlook for the global 3D Printed Sand Molds and Cores market?

What factors are driving 3D Printed Sand Molds and Cores market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do 3D Printed Sand Molds and Cores market opportunities vary by end market size?

How does 3D Printed Sand Molds and Cores break out by Type, by Application?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
  - 2.1.1 Global 3D Printed Sand Molds and Cores Annual Sales 2019-2030
  - 2.1.2 World Current & Future Analysis for 3D Printed Sand Molds and Cores by Geographic Region, 2019, 2023 & 2030
  - 2.1.3 World Current & Future Analysis for 3D Printed Sand Molds and Cores by Country/Region, 2019, 2023 & 2030
- 2.2 3D Printed Sand Molds and Cores Segment by Type
  - 2.2.1 Binder Jetting
  - 2.2.2 Selective Laser Sintering (SLS)
  - 2.2.3 Fused Deposition Modeling (FDM)
  - 2.2.4 Stereolithography (SLA)
- 2.3 3D Printed Sand Molds and Cores Sales by Type
  - 2.3.1 Global 3D Printed Sand Molds and Cores Sales Market Share by Type (2019-2024)
  - 2.3.2 Global 3D Printed Sand Molds and Cores Revenue and Market Share by Type (2019-2024)
  - 2.3.3 Global 3D Printed Sand Molds and Cores Sale Price by Type (2019-2024)
- 2.4 3D Printed Sand Molds and Cores Segment by Application
  - 2.4.1 Automotive Parts
  - 2.4.2 Aerospace
  - 2.4.3 Mechanical Equipment
  - 2.4.4 Oil and Gas
  - 2.4.5 Medical Equipment
  - 2.4.6 Others

## 2.5 3D Printed Sand Molds and Cores Sales by Application

2.5.1 Global 3D Printed Sand Molds and Cores Sale Market Share by Application (2019-2024)

2.5.2 Global 3D Printed Sand Molds and Cores Revenue and Market Share by Application (2019-2024)

2.5.3 Global 3D Printed Sand Molds and Cores Sale Price by Application (2019-2024)

## **3 GLOBAL BY COMPANY**

### 3.1 Global 3D Printed Sand Molds and Cores Breakdown Data by Company

3.1.1 Global 3D Printed Sand Molds and Cores Annual Sales by Company (2019-2024)

3.1.2 Global 3D Printed Sand Molds and Cores Sales Market Share by Company (2019-2024)

3.2 Global 3D Printed Sand Molds and Cores Annual Revenue by Company (2019-2024)

3.2.1 Global 3D Printed Sand Molds and Cores Revenue by Company (2019-2024)

3.2.2 Global 3D Printed Sand Molds and Cores Revenue Market Share by Company (2019-2024)

3.3 Global 3D Printed Sand Molds and Cores Sale Price by Company

3.4 Key Manufacturers 3D Printed Sand Molds and Cores Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers 3D Printed Sand Molds and Cores Product Location Distribution

3.4.2 Players 3D Printed Sand Molds and Cores Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

## **4 WORLD HISTORIC REVIEW FOR 3D PRINTED SAND MOLDS AND CORES BY GEOGRAPHIC REGION**

4.1 World Historic 3D Printed Sand Molds and Cores Market Size by Geographic Region (2019-2024)

4.1.1 Global 3D Printed Sand Molds and Cores Annual Sales by Geographic Region (2019-2024)

4.1.2 Global 3D Printed Sand Molds and Cores Annual Revenue by Geographic

Region (2019-2024)

4.2 World Historic 3D Printed Sand Molds and Cores Market Size by Country/Region (2019-2024)

4.2.1 Global 3D Printed Sand Molds and Cores Annual Sales by Country/Region (2019-2024)

4.2.2 Global 3D Printed Sand Molds and Cores Annual Revenue by Country/Region (2019-2024)

4.3 Americas 3D Printed Sand Molds and Cores Sales Growth

4.4 APAC 3D Printed Sand Molds and Cores Sales Growth

4.5 Europe 3D Printed Sand Molds and Cores Sales Growth

4.6 Middle East & Africa 3D Printed Sand Molds and Cores Sales Growth

## **5 AMERICAS**

5.1 Americas 3D Printed Sand Molds and Cores Sales by Country

5.1.1 Americas 3D Printed Sand Molds and Cores Sales by Country (2019-2024)

5.1.2 Americas 3D Printed Sand Molds and Cores Revenue by Country (2019-2024)

5.2 Americas 3D Printed Sand Molds and Cores Sales by Type (2019-2024)

5.3 Americas 3D Printed Sand Molds and Cores Sales by Application (2019-2024)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC 3D Printed Sand Molds and Cores Sales by Region

6.1.1 APAC 3D Printed Sand Molds and Cores Sales by Region (2019-2024)

6.1.2 APAC 3D Printed Sand Molds and Cores Revenue by Region (2019-2024)

6.2 APAC 3D Printed Sand Molds and Cores Sales by Type (2019-2024)

6.3 APAC 3D Printed Sand Molds and Cores Sales by Application (2019-2024)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan



## **7 EUROPE**

### 7.1 Europe 3D Printed Sand Molds and Cores by Country

7.1.1 Europe 3D Printed Sand Molds and Cores Sales by Country (2019-2024)

7.1.2 Europe 3D Printed Sand Molds and Cores Revenue by Country (2019-2024)

### 7.2 Europe 3D Printed Sand Molds and Cores Sales by Type (2019-2024)

### 7.3 Europe 3D Printed Sand Molds and Cores Sales by Application (2019-2024)

### 7.4 Germany

### 7.5 France

### 7.6 UK

### 7.7 Italy

### 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

### 8.1 Middle East & Africa 3D Printed Sand Molds and Cores by Country

8.1.1 Middle East & Africa 3D Printed Sand Molds and Cores Sales by Country (2019-2024)

8.1.2 Middle East & Africa 3D Printed Sand Molds and Cores Revenue by Country (2019-2024)

### 8.2 Middle East & Africa 3D Printed Sand Molds and Cores Sales by Type (2019-2024)

8.3 Middle East & Africa 3D Printed Sand Molds and Cores Sales by Application (2019-2024)

### 8.4 Egypt

### 8.5 South Africa

### 8.6 Israel

### 8.7 Turkey

### 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

### 9.1 Market Drivers & Growth Opportunities

### 9.2 Market Challenges & Risks

### 9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

### 10.1 Raw Material and Suppliers

### 10.2 Manufacturing Cost Structure Analysis of 3D Printed Sand Molds and Cores

10.3 Manufacturing Process Analysis of 3D Printed Sand Molds and Cores

10.4 Industry Chain Structure of 3D Printed Sand Molds and Cores

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 3D Printed Sand Molds and Cores Distributors

11.3 3D Printed Sand Molds and Cores Customer

## **12 WORLD FORECAST REVIEW FOR 3D PRINTED SAND MOLDS AND CORES BY GEOGRAPHIC REGION**

12.1 Global 3D Printed Sand Molds and Cores Market Size Forecast by Region

12.1.1 Global 3D Printed Sand Molds and Cores Forecast by Region (2025-2030)

12.1.2 Global 3D Printed Sand Molds and Cores Annual Revenue Forecast by Region (2025-2030)

12.2 Americas Forecast by Country (2025-2030)

12.3 APAC Forecast by Region (2025-2030)

12.4 Europe Forecast by Country (2025-2030)

12.5 Middle East & Africa Forecast by Country (2025-2030)

12.6 Global 3D Printed Sand Molds and Cores Forecast by Type (2025-2030)

12.7 Global 3D Printed Sand Molds and Cores Forecast by Application (2025-2030)

## **13 KEY PLAYERS ANALYSIS**

13.1 ExOne

13.1.1 ExOne Company Information

13.1.2 ExOne 3D Printed Sand Molds and Cores Product Portfolios and Specifications

13.1.3 ExOne 3D Printed Sand Molds and Cores Sales, Revenue, Price and Gross Margin (2019-2024)

13.1.4 ExOne Main Business Overview

13.1.5 ExOne Latest Developments

13.2 Voxeljet

13.2.1 Voxeljet Company Information

13.2.2 Voxeljet 3D Printed Sand Molds and Cores Product Portfolios and Specifications

13.2.3 Voxeljet 3D Printed Sand Molds and Cores Sales, Revenue, Price and Gross

## Margin (2019-2024)

13.2.4 Voxeljet Main Business Overview

13.2.5 Voxeljet Latest Developments

## 13.3 Humtown

13.3.1 Humtown Company Information

13.3.2 Humtown 3D Printed Sand Molds and Cores Product Portfolios and Specifications

13.3.3 Humtown 3D Printed Sand Molds and Cores Sales, Revenue, Price and Gross Margin (2019-2024)

13.3.4 Humtown Main Business Overview

13.3.5 Humtown Latest Developments

## 13.4 OK Foundry

13.4.1 OK Foundry Company Information

13.4.2 OK Foundry 3D Printed Sand Molds and Cores Product Portfolios and Specifications

13.4.3 OK Foundry 3D Printed Sand Molds and Cores Sales, Revenue, Price and Gross Margin (2019-2024)

13.4.4 OK Foundry Main Business Overview

13.4.5 OK Foundry Latest Developments

## 13.5 Hoosier Pattern

13.5.1 Hoosier Pattern Company Information

13.5.2 Hoosier Pattern 3D Printed Sand Molds and Cores Product Portfolios and Specifications

13.5.3 Hoosier Pattern 3D Printed Sand Molds and Cores Sales, Revenue, Price and Gross Margin (2019-2024)

13.5.4 Hoosier Pattern Main Business Overview

13.5.5 Hoosier Pattern Latest Developments

## 13.6 Castings Technology

13.6.1 Castings Technology Company Information

13.6.2 Castings Technology 3D Printed Sand Molds and Cores Product Portfolios and Specifications

13.6.3 Castings Technology 3D Printed Sand Molds and Cores Sales, Revenue, Price and Gross Margin (2019-2024)

13.6.4 Castings Technology Main Business Overview

13.6.5 Castings Technology Latest Developments

## 13.7 CMET

13.7.1 CMET Company Information

13.7.2 CMET 3D Printed Sand Molds and Cores Product Portfolios and Specifications

13.7.3 CMET 3D Printed Sand Molds and Cores Sales, Revenue, Price and Gross

## Margin (2019-2024)

13.7.4 CMET Main Business Overview

13.7.5 CMET Latest Developments

## 13.8 General Foundry

13.8.1 General Foundry Company Information

13.8.2 General Foundry 3D Printed Sand Molds and Cores Product Portfolios and Specifications

13.8.3 General Foundry 3D Printed Sand Molds and Cores Sales, Revenue, Price and Gross Margin (2019-2024)

13.8.4 General Foundry Main Business Overview

13.8.5 General Foundry Latest Developments

## 13.9 Magna Digitech

13.9.1 Magna Digitech Company Information

13.9.2 Magna Digitech 3D Printed Sand Molds and Cores Product Portfolios and Specifications

13.9.3 Magna Digitech 3D Printed Sand Molds and Cores Sales, Revenue, Price and Gross Margin (2019-2024)

13.9.4 Magna Digitech Main Business Overview

13.9.5 Magna Digitech Latest Developments

## 13.10 Beamlar

13.10.1 Beamlar Company Information

13.10.2 Beamlar 3D Printed Sand Molds and Cores Product Portfolios and Specifications

13.10.3 Beamlar 3D Printed Sand Molds and Cores Sales, Revenue, Price and Gross Margin (2019-2024)

13.10.4 Beamlar Main Business Overview

13.10.5 Beamlar Latest Developments

## 13.11 3D Systems

13.11.1 3D Systems Company Information

13.11.2 3D Systems 3D Printed Sand Molds and Cores Product Portfolios and Specifications

13.11.3 3D Systems 3D Printed Sand Molds and Cores Sales, Revenue, Price and Gross Margin (2019-2024)

13.11.4 3D Systems Main Business Overview

13.11.5 3D Systems Latest Developments

## 13.12 Pentz Cast Solutions

13.12.1 Pentz Cast Solutions Company Information

13.12.2 Pentz Cast Solutions 3D Printed Sand Molds and Cores Product Portfolios and Specifications

13.12.3 Pentz Cast Solutions 3D Printed Sand Molds and Cores Sales, Revenue, Price and Gross Margin (2019-2024)

13.12.4 Pentz Cast Solutions Main Business Overview

13.12.5 Pentz Cast Solutions Latest Developments

13.13 Fenix Industries

13.13.1 Fenix Industries Company Information

13.13.2 Fenix Industries 3D Printed Sand Molds and Cores Product Portfolios and Specifications

13.13.3 Fenix Industries 3D Printed Sand Molds and Cores Sales, Revenue, Price and Gross Margin (2019-2024)

13.13.4 Fenix Industries Main Business Overview

13.13.5 Fenix Industries Latest Developments

13.14 Carpenter Brothers

13.14.1 Carpenter Brothers Company Information

13.14.2 Carpenter Brothers 3D Printed Sand Molds and Cores Product Portfolios and Specifications

13.14.3 Carpenter Brothers 3D Printed Sand Molds and Cores Sales, Revenue, Price and Gross Margin (2019-2024)

13.14.4 Carpenter Brothers Main Business Overview

13.14.5 Carpenter Brothers Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. 3D Printed Sand Molds and Cores Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. 3D Printed Sand Molds and Cores Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of Binder Jetting

Table 4. Major Players of Selective Laser Sintering (SLS)

Table 5. Major Players of Fused Deposition Modeling (FDM)

Table 6. Major Players of Stereolithography (SLA)

Table 7. Global 3D Printed Sand Molds and Cores Sales by Type (2019-2024) & (Tons)

Table 8. Global 3D Printed Sand Molds and Cores Sales Market Share by Type (2019-2024)

Table 9. Global 3D Printed Sand Molds and Cores Revenue by Type (2019-2024) & (\$ million)

Table 10. Global 3D Printed Sand Molds and Cores Revenue Market Share by Type (2019-2024)

Table 11. Global 3D Printed Sand Molds and Cores Sale Price by Type (2019-2024) & (US\$/Ton)

Table 12. Global 3D Printed Sand Molds and Cores Sale by Application (2019-2024) & (Tons)

Table 13. Global 3D Printed Sand Molds and Cores Sale Market Share by Application (2019-2024)

Table 14. Global 3D Printed Sand Molds and Cores Revenue by Application (2019-2024) & (\$ million)

Table 15. Global 3D Printed Sand Molds and Cores Revenue Market Share by Application (2019-2024)

Table 16. Global 3D Printed Sand Molds and Cores Sale Price by Application (2019-2024) & (US\$/Ton)

Table 17. Global 3D Printed Sand Molds and Cores Sales by Company (2019-2024) & (Tons)

Table 18. Global 3D Printed Sand Molds and Cores Sales Market Share by Company (2019-2024)

Table 19. Global 3D Printed Sand Molds and Cores Revenue by Company (2019-2024) & (\$ millions)

Table 20. Global 3D Printed Sand Molds and Cores Revenue Market Share by Company (2019-2024)

- Table 21. Global 3D Printed Sand Molds and Cores Sale Price by Company (2019-2024) & (US\$/Ton)
- Table 22. Key Manufacturers 3D Printed Sand Molds and Cores Producing Area Distribution and Sales Area
- Table 23. Players 3D Printed Sand Molds and Cores Products Offered
- Table 24. 3D Printed Sand Molds and Cores Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)
- Table 25. New Products and Potential Entrants
- Table 26. Market M&A Activity & Strategy
- Table 27. Global 3D Printed Sand Molds and Cores Sales by Geographic Region (2019-2024) & (Tons)
- Table 28. Global 3D Printed Sand Molds and Cores Sales Market Share Geographic Region (2019-2024)
- Table 29. Global 3D Printed Sand Molds and Cores Revenue by Geographic Region (2019-2024) & (\$ millions)
- Table 30. Global 3D Printed Sand Molds and Cores Revenue Market Share by Geographic Region (2019-2024)
- Table 31. Global 3D Printed Sand Molds and Cores Sales by Country/Region (2019-2024) & (Tons)
- Table 32. Global 3D Printed Sand Molds and Cores Sales Market Share by Country/Region (2019-2024)
- Table 33. Global 3D Printed Sand Molds and Cores Revenue by Country/Region (2019-2024) & (\$ millions)
- Table 34. Global 3D Printed Sand Molds and Cores Revenue Market Share by Country/Region (2019-2024)
- Table 35. Americas 3D Printed Sand Molds and Cores Sales by Country (2019-2024) & (Tons)
- Table 36. Americas 3D Printed Sand Molds and Cores Sales Market Share by Country (2019-2024)
- Table 37. Americas 3D Printed Sand Molds and Cores Revenue by Country (2019-2024) & (\$ millions)
- Table 38. Americas 3D Printed Sand Molds and Cores Sales by Type (2019-2024) & (Tons)
- Table 39. Americas 3D Printed Sand Molds and Cores Sales by Application (2019-2024) & (Tons)
- Table 40. APAC 3D Printed Sand Molds and Cores Sales by Region (2019-2024) & (Tons)
- Table 41. APAC 3D Printed Sand Molds and Cores Sales Market Share by Region (2019-2024)



- Table 42. APAC 3D Printed Sand Molds and Cores Revenue by Region (2019-2024) & (\$ millions)
- Table 43. APAC 3D Printed Sand Molds and Cores Sales by Type (2019-2024) & (Tons)
- Table 44. APAC 3D Printed Sand Molds and Cores Sales by Application (2019-2024) & (Tons)
- Table 45. Europe 3D Printed Sand Molds and Cores Sales by Country (2019-2024) & (Tons)
- Table 46. Europe 3D Printed Sand Molds and Cores Revenue by Country (2019-2024) & (\$ millions)
- Table 47. Europe 3D Printed Sand Molds and Cores Sales by Type (2019-2024) & (Tons)
- Table 48. Europe 3D Printed Sand Molds and Cores Sales by Application (2019-2024) & (Tons)
- Table 49. Middle East & Africa 3D Printed Sand Molds and Cores Sales by Country (2019-2024) & (Tons)
- Table 50. Middle East & Africa 3D Printed Sand Molds and Cores Revenue Market Share by Country (2019-2024)
- Table 51. Middle East & Africa 3D Printed Sand Molds and Cores Sales by Type (2019-2024) & (Tons)
- Table 52. Middle East & Africa 3D Printed Sand Molds and Cores Sales by Application (2019-2024) & (Tons)
- Table 53. Key Market Drivers & Growth Opportunities of 3D Printed Sand Molds and Cores
- Table 54. Key Market Challenges & Risks of 3D Printed Sand Molds and Cores
- Table 55. Key Industry Trends of 3D Printed Sand Molds and Cores
- Table 56. 3D Printed Sand Molds and Cores Raw Material
- Table 57. Key Suppliers of Raw Materials
- Table 58. 3D Printed Sand Molds and Cores Distributors List
- Table 59. 3D Printed Sand Molds and Cores Customer List
- Table 60. Global 3D Printed Sand Molds and Cores Sales Forecast by Region (2025-2030) & (Tons)
- Table 61. Global 3D Printed Sand Molds and Cores Revenue Forecast by Region (2025-2030) & (\$ millions)
- Table 62. Americas 3D Printed Sand Molds and Cores Sales Forecast by Country (2025-2030) & (Tons)
- Table 63. Americas 3D Printed Sand Molds and Cores Annual Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 64. APAC 3D Printed Sand Molds and Cores Sales Forecast by Region



(2025-2030) & (Tons)

Table 65. APAC 3D Printed Sand Molds and Cores Annual Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 66. Europe 3D Printed Sand Molds and Cores Sales Forecast by Country (2025-2030) & (Tons)

Table 67. Europe 3D Printed Sand Molds and Cores Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 68. Middle East & Africa 3D Printed Sand Molds and Cores Sales Forecast by Country (2025-2030) & (Tons)

Table 69. Middle East & Africa 3D Printed Sand Molds and Cores Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 70. Global 3D Printed Sand Molds and Cores Sales Forecast by Type (2025-2030) & (Tons)

Table 71. Global 3D Printed Sand Molds and Cores Revenue Forecast by Type (2025-2030) & (\$ millions)

Table 72. Global 3D Printed Sand Molds and Cores Sales Forecast by Application (2025-2030) & (Tons)

Table 73. Global 3D Printed Sand Molds and Cores Revenue Forecast by Application (2025-2030) & (\$ millions)

Table 74. ExOne Basic Information, 3D Printed Sand Molds and Cores Manufacturing Base, Sales Area and Its Competitors

Table 75. ExOne 3D Printed Sand Molds and Cores Product Portfolios and Specifications

Table 76. ExOne 3D Printed Sand Molds and Cores Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 77. ExOne Main Business

Table 78. ExOne Latest Developments

Table 79. Voxeljet Basic Information, 3D Printed Sand Molds and Cores Manufacturing Base, Sales Area and Its Competitors

Table 80. Voxeljet 3D Printed Sand Molds and Cores Product Portfolios and Specifications

Table 81. Voxeljet 3D Printed Sand Molds and Cores Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 82. Voxeljet Main Business

Table 83. Voxeljet Latest Developments

Table 84. Humtown Basic Information, 3D Printed Sand Molds and Cores Manufacturing Base, Sales Area and Its Competitors

Table 85. Humtown 3D Printed Sand Molds and Cores Product Portfolios and Specifications

Table 86. Humtown 3D Printed Sand Molds and Cores Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 87. Humtown Main Business

Table 88. Humtown Latest Developments

Table 89. OK Foundry Basic Information, 3D Printed Sand Molds and Cores Manufacturing Base, Sales Area and Its Competitors

Table 90. OK Foundry 3D Printed Sand Molds and Cores Product Portfolios and Specifications

Table 91. OK Foundry 3D Printed Sand Molds and Cores Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 92. OK Foundry Main Business

Table 93. OK Foundry Latest Developments

Table 94. Hoosier Pattern Basic Information, 3D Printed Sand Molds and Cores Manufacturing Base, Sales Area and Its Competitors

Table 95. Hoosier Pattern 3D Printed Sand Molds and Cores Product Portfolios and Specifications

Table 96. Hoosier Pattern 3D Printed Sand Molds and Cores Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 97. Hoosier Pattern Main Business

Table 98. Hoosier Pattern Latest Developments

Table 99. Castings Technology Basic Information, 3D Printed Sand Molds and Cores Manufacturing Base, Sales Area and Its Competitors

Table 100. Castings Technology 3D Printed Sand Molds and Cores Product Portfolios and Specifications

Table 101. Castings Technology 3D Printed Sand Molds and Cores Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 102. Castings Technology Main Business

Table 103. Castings Technology Latest Developments

Table 104. CMET Basic Information, 3D Printed Sand Molds and Cores Manufacturing Base, Sales Area and Its Competitors

Table 105. CMET 3D Printed Sand Molds and Cores Product Portfolios and Specifications

Table 106. CMET 3D Printed Sand Molds and Cores Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 107. CMET Main Business

Table 108. CMET Latest Developments

Table 109. General Foundry Basic Information, 3D Printed Sand Molds and Cores Manufacturing Base, Sales Area and Its Competitors

Table 110. General Foundry 3D Printed Sand Molds and Cores Product Portfolios and

## Specifications

Table 111. General Foundry 3D Printed Sand Molds and Cores Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 112. General Foundry Main Business

Table 113. General Foundry Latest Developments

Table 114. Magna Digitech Basic Information, 3D Printed Sand Molds and Cores Manufacturing Base, Sales Area and Its Competitors

Table 115. Magna Digitech 3D Printed Sand Molds and Cores Product Portfolios and Specifications

Table 116. Magna Digitech 3D Printed Sand Molds and Cores Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 117. Magna Digitech Main Business

Table 118. Magna Digitech Latest Developments

Table 119. Beamlar Basic Information, 3D Printed Sand Molds and Cores Manufacturing Base, Sales Area and Its Competitors

Table 120. Beamlar 3D Printed Sand Molds and Cores Product Portfolios and Specifications

Table 121. Beamlar 3D Printed Sand Molds and Cores Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 122. Beamlar Main Business

Table 123. Beamlar Latest Developments

Table 124. 3D Systems Basic Information, 3D Printed Sand Molds and Cores Manufacturing Base, Sales Area and Its Competitors

Table 125. 3D Systems 3D Printed Sand Molds and Cores Product Portfolios and Specifications

Table 126. 3D Systems 3D Printed Sand Molds and Cores Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 127. 3D Systems Main Business

Table 128. 3D Systems Latest Developments

Table 129. Pentz Cast Solutions Basic Information, 3D Printed Sand Molds and Cores Manufacturing Base, Sales Area and Its Competitors

Table 130. Pentz Cast Solutions 3D Printed Sand Molds and Cores Product Portfolios and Specifications

Table 131. Pentz Cast Solutions 3D Printed Sand Molds and Cores Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 132. Pentz Cast Solutions Main Business

Table 133. Pentz Cast Solutions Latest Developments

Table 134. Fenix Industries Basic Information, 3D Printed Sand Molds and Cores Manufacturing Base, Sales Area and Its Competitors

Table 135. Fenix Industries 3D Printed Sand Molds and Cores Product Portfolios and Specifications

Table 136. Fenix Industries 3D Printed Sand Molds and Cores Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 137. Fenix Industries Main Business

Table 138. Fenix Industries Latest Developments

Table 139. Carpenter Brothers Basic Information, 3D Printed Sand Molds and Cores Manufacturing Base, Sales Area and Its Competitors

Table 140. Carpenter Brothers 3D Printed Sand Molds and Cores Product Portfolios and Specifications

Table 141. Carpenter Brothers 3D Printed Sand Molds and Cores Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 142. Carpenter Brothers Main Business

Table 143. Carpenter Brothers Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of 3D Printed Sand Molds and Cores
- Figure 2. 3D Printed Sand Molds and Cores Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global 3D Printed Sand Molds and Cores Sales Growth Rate 2019-2030 (Tons)
- Figure 7. Global 3D Printed Sand Molds and Cores Revenue Growth Rate 2019-2030 (\$ millions)
- Figure 8. 3D Printed Sand Molds and Cores Sales by Geographic Region (2019, 2023 & 2030) & (\$ millions)
- Figure 9. 3D Printed Sand Molds and Cores Sales Market Share by Country/Region (2023)
- Figure 10. 3D Printed Sand Molds and Cores Sales Market Share by Country/Region (2019, 2023 & 2030)
- Figure 11. Product Picture of Binder Jetting
- Figure 12. Product Picture of Selective Laser Sintering (SLS)
- Figure 13. Product Picture of Fused Deposition Modeling (FDM)
- Figure 14. Product Picture of Stereolithography (SLA)
- Figure 15. Global 3D Printed Sand Molds and Cores Sales Market Share by Type in 2023
- Figure 16. Global 3D Printed Sand Molds and Cores Revenue Market Share by Type (2019-2024)
- Figure 17. 3D Printed Sand Molds and Cores Consumed in Automotive Parts
- Figure 18. Global 3D Printed Sand Molds and Cores Market: Automotive Parts (2019-2024) & (Tons)
- Figure 19. 3D Printed Sand Molds and Cores Consumed in Aerospace
- Figure 20. Global 3D Printed Sand Molds and Cores Market: Aerospace (2019-2024) & (Tons)
- Figure 21. 3D Printed Sand Molds and Cores Consumed in Mechanical Equipment
- Figure 22. Global 3D Printed Sand Molds and Cores Market: Mechanical Equipment (2019-2024) & (Tons)
- Figure 23. 3D Printed Sand Molds and Cores Consumed in Oil and Gas
- Figure 24. Global 3D Printed Sand Molds and Cores Market: Oil and Gas (2019-2024) & (Tons)

- Figure 25. 3D Printed Sand Molds and Cores Consumed in Medical Equipment
- Figure 26. Global 3D Printed Sand Molds and Cores Market: Medical Equipment (2019-2024) & (Tons)
- Figure 27. 3D Printed Sand Molds and Cores Consumed in Others
- Figure 28. Global 3D Printed Sand Molds and Cores Market: Others (2019-2024) & (Tons)
- Figure 29. Global 3D Printed Sand Molds and Cores Sale Market Share by Application (2023)
- Figure 30. Global 3D Printed Sand Molds and Cores Revenue Market Share by Application in 2023
- Figure 31. 3D Printed Sand Molds and Cores Sales by Company in 2023 (Tons)
- Figure 32. Global 3D Printed Sand Molds and Cores Sales Market Share by Company in 2023
- Figure 33. 3D Printed Sand Molds and Cores Revenue by Company in 2023 (\$ millions)
- Figure 34. Global 3D Printed Sand Molds and Cores Revenue Market Share by Company in 2023
- Figure 35. Global 3D Printed Sand Molds and Cores Sales Market Share by Geographic Region (2019-2024)
- Figure 36. Global 3D Printed Sand Molds and Cores Revenue Market Share by Geographic Region in 2023
- Figure 37. Americas 3D Printed Sand Molds and Cores Sales 2019-2024 (Tons)
- Figure 38. Americas 3D Printed Sand Molds and Cores Revenue 2019-2024 (\$ millions)
- Figure 39. APAC 3D Printed Sand Molds and Cores Sales 2019-2024 (Tons)
- Figure 40. APAC 3D Printed Sand Molds and Cores Revenue 2019-2024 (\$ millions)
- Figure 41. Europe 3D Printed Sand Molds and Cores Sales 2019-2024 (Tons)
- Figure 42. Europe 3D Printed Sand Molds and Cores Revenue 2019-2024 (\$ millions)
- Figure 43. Middle East & Africa 3D Printed Sand Molds and Cores Sales 2019-2024 (Tons)
- Figure 44. Middle East & Africa 3D Printed Sand Molds and Cores Revenue 2019-2024 (\$ millions)
- Figure 45. Americas 3D Printed Sand Molds and Cores Sales Market Share by Country in 2023
- Figure 46. Americas 3D Printed Sand Molds and Cores Revenue Market Share by Country (2019-2024)
- Figure 47. Americas 3D Printed Sand Molds and Cores Sales Market Share by Type (2019-2024)
- Figure 48. Americas 3D Printed Sand Molds and Cores Sales Market Share by Application (2019-2024)
- Figure 49. United States 3D Printed Sand Molds and Cores Revenue Growth



2019-2024 (\$ millions)

Figure 50. Canada 3D Printed Sand Molds and Cores Revenue Growth 2019-2024 (\$ millions)

Figure 51. Mexico 3D Printed Sand Molds and Cores Revenue Growth 2019-2024 (\$ millions)

Figure 52. Brazil 3D Printed Sand Molds and Cores Revenue Growth 2019-2024 (\$ millions)

Figure 53. APAC 3D Printed Sand Molds and Cores Sales Market Share by Region in 2023

Figure 54. APAC 3D Printed Sand Molds and Cores Revenue Market Share by Region (2019-2024)

Figure 55. APAC 3D Printed Sand Molds and Cores Sales Market Share by Type (2019-2024)

Figure 56. APAC 3D Printed Sand Molds and Cores Sales Market Share by Application (2019-2024)

Figure 57. China 3D Printed Sand Molds and Cores Revenue Growth 2019-2024 (\$ millions)

Figure 58. Japan 3D Printed Sand Molds and Cores Revenue Growth 2019-2024 (\$ millions)

Figure 59. South Korea 3D Printed Sand Molds and Cores Revenue Growth 2019-2024 (\$ millions)

Figure 60. Southeast Asia 3D Printed Sand Molds and Cores Revenue Growth 2019-2024 (\$ millions)

Figure 61. India 3D Printed Sand Molds and Cores Revenue Growth 2019-2024 (\$ millions)

Figure 62. Australia 3D Printed Sand Molds and Cores Revenue Growth 2019-2024 (\$ millions)

Figure 63. China Taiwan 3D Printed Sand Molds and Cores Revenue Growth 2019-2024 (\$ millions)

Figure 64. Europe 3D Printed Sand Molds and Cores Sales Market Share by Country in 2023

Figure 65. Europe 3D Printed Sand Molds and Cores Revenue Market Share by Country (2019-2024)

Figure 66. Europe 3D Printed Sand Molds and Cores Sales Market Share by Type (2019-2024)

Figure 67. Europe 3D Printed Sand Molds and Cores Sales Market Share by Application (2019-2024)

Figure 68. Germany 3D Printed Sand Molds and Cores Revenue Growth 2019-2024 (\$ millions)

Figure 69. France 3D Printed Sand Molds and Cores Revenue Growth 2019-2024 (\$ millions)

Figure 70. UK 3D Printed Sand Molds and Cores Revenue Growth 2019-2024 (\$ millions)

Figure 71. Italy 3D Printed Sand Molds and Cores Revenue Growth 2019-2024 (\$ millions)

Figure 72. Russia 3D Printed Sand Molds and Cores Revenue Growth 2019-2024 (\$ millions)

Figure 73. Middle East & Africa 3D Printed Sand Molds and Cores Sales Market Share by Country (2019-2024)

Figure 74. Middle East & Africa 3D Printed Sand Molds and Cores Sales Market Share by Type (2019-2024)

Figure 75. Middle East & Africa 3D Printed Sand Molds and Cores Sales Market Share by Application (2019-2024)

Figure 76. Egypt 3D Printed Sand Molds and Cores Revenue Growth 2019-2024 (\$ millions)

Figure 77. South Africa 3D Printed Sand Molds and Cores Revenue Growth 2019-2024 (\$ millions)

Figure 78. Israel 3D Printed Sand Molds and Cores Revenue Growth 2019-2024 (\$ millions)

Figure 79. Turkey 3D Printed Sand Molds and Cores Revenue Growth 2019-2024 (\$ millions)

Figure 80. GCC Countries 3D Printed Sand Molds and Cores Revenue Growth 2019-2024 (\$ millions)

Figure 81. Manufacturing Cost Structure Analysis of 3D Printed Sand Molds and Cores in 2023

Figure 82. Manufacturing Process Analysis of 3D Printed Sand Molds and Cores

Figure 83. Industry Chain Structure of 3D Printed Sand Molds and Cores

Figure 84. Channels of Distribution

Figure 85. Global 3D Printed Sand Molds and Cores Sales Market Forecast by Region (2025-2030)

Figure 86. Global 3D Printed Sand Molds and Cores Revenue Market Share Forecast by Region (2025-2030)

Figure 87. Global 3D Printed Sand Molds and Cores Sales Market Share Forecast by Type (2025-2030)

Figure 88. Global 3D Printed Sand Molds and Cores Revenue Market Share Forecast by Type (2025-2030)

Figure 89. Global 3D Printed Sand Molds and Cores Sales Market Share Forecast by Application (2025-2030)



Figure 90. Global 3D Printed Sand Molds and Cores Revenue Market Share Forecast by Application (2025-2030)

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