

# **Cold Isostatic Pressing Market Size, Share & Trend Analysis Report, By Material (Metal Powders, Ceramic Powders, Composite Materials), By Application (Ceramics & Refractories, Powder Metallurgy, Electronics & Semiconductors), By Region, And Segment Forecasts, 2026 - 2033**

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## **Abstracts**

The global cold isostatic pressing market size was valued at USD 575.0 million in 2025 and is projected to grow from USD 603.8 million in 2026 to USD 849.5 million by 2033, at a CAGR of 5.0% from 2026 to 2033. Asia Pacific dominated the market, accounting for the largest revenue share of 44.8% in 2025. Cold isostatic pressing (CIP) is a powder compaction process that uses fluid pressure applied uniformly from all directions to consolidate metal, ceramic, and composite powders into dense, near-net-shape green bodies.

The growth of the CIP market is driven by increasing demand for advanced materials with high density, uniform properties, and complex geometries across aerospace, automotive, energy, and industrial applications. CIP enables manufacturers to produce components with consistent density and fewer defects than conventional pressing methods, making it suitable for high-performance metal, ceramic, and composite components. The growing use of lightweight materials and advanced ceramics in aerospace and automotive applications is further supporting the adoption of CIP for applications requiring high strength, dimensional stability, and wear resistance.

Another major growth driver is the increasing adoption of CIP for the production of complex-shaped, large-sized components that are difficult to manufacture with conventional compaction techniques. The process applies uniform pressure from

multiple directions, enabling efficient consolidation of powders and reducing density variations within components. Growing investments in powder metallurgy, advanced ceramics, additive manufacturing feedstock, and specialized industrial components are therefore creating additional opportunities for CIP equipment and service providers.

## **Global Cold Isostatic Pressing Market Report Segmentation**

This report forecasts revenue growth at global, regional, and country levels and provides an analysis of the latest industry trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the global cold isostatic pressing market report on the basis of material, application, and region.

Material Outlook (Revenue, USD Million, 2021 - 2033)

Metal Powders

Ceramic Powders

Composite Materials

Application Outlook (Revenue, USD Million, 2021 - 2033)

Ceramics & Refractories

Powder Metallurgy

Electronics & Semiconductors

Medical & Dental

Others

Regional Outlook (Revenue, USD Million, 2021 - 2033)

North America

U.S.

Canada

Mexico

Europe

Germany

France

UK

Asia Pacific

China

India

Japan

Latin America

Brazil

Middle East & Africa

**This report can be delivered to the clients within 3 Business Days**

## Contents

### CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Market Segmentation & Scope
- 1.2. Market Definition
- 1.3. Information Procurement
  - 1.3.1. Information Analysis
  - 1.3.2. Data Analysis Models
  - 1.3.3. Market Formulation & Data Visualization
  - 1.3.4. Data Validation & Publishing
- 1.4. Research Scope and Assumptions
  - 1.4.1. List of Data Applications

### CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Outlook
- 2.2. Segmental Outlook
- 2.3. Competitive Outlook

### CHAPTER 3. MARKET VARIABLES, TRENDS, AND SCOPE

- 3.1. Market Lineage Outlook
  - 3.1.1. Global Powder Metallurgy Market Outlook
- 3.2. Industry Value Chain Analysis
  - 3.2.1. Raw Material Analysis
- 3.3. Regulatory Framework
  - 3.3.1. Compliance Requirements
- 3.4. Manufacturing/ Technology Overview
- 3.5. Market Dynamics
  - 3.5.1. Market Driver Analysis
  - 3.5.2. Market Restraint Analysis
  - 3.5.3. Industry Trends
  - 3.5.4. Key Opportunities
- 3.6. Porter's Five Forces Analysis
  - 3.6.1. Bargaining Power of Suppliers
  - 3.6.2. Bargaining Power of Buyers
  - 3.6.3. Threat of Substitution
  - 3.6.4. Threat of New Entrants

- 3.6.5. Competitive Rivalry
- 3.7. PESTLE Analysis
  - 3.7.1. Political
  - 3.7.2. Economic
  - 3.7.3. Social Landscape
  - 3.7.4. Material
  - 3.7.5. Environmental
  - 3.7.6. Legal

## **CHAPTER 4. COLD ISOSTATIC PRESSING MARKET: MATERIAL ESTIMATES & TREND ANALYSIS**

- 4.1. Cold Isostatic Pressing Market: Material Movement Analysis, 2025 & 2033
- 4.2. Metal Powders
  - 4.2.1. Market estimates and forecasts, 2021 - 2033 (USD Million)
- 4.3. Ceramic Powders
  - 4.3.1. Market estimates and forecasts, 2021 - 2033 (USD Million)
- 4.4. Composite Materials
  - 4.4.1. Market estimates and forecasts, 2021 - 2033 (USD Million)

## **CHAPTER 5. COLD ISOSTATIC PRESSING MARKET: APPLICATION ESTIMATES & TREND ANALYSIS**

- 5.1. Cold Isostatic Pressing Market: Application Movement Analysis, 2025 & 2033
- 5.2. Ceramics & Refractories
  - 5.2.1. Market estimates and forecasts, 2021 - 2033 (USD Million)
- 5.3. Powder Metallurgy
  - 5.3.1. Market estimates and forecasts, 2021 - 2033 (USD Million)
- 5.4. Electronics & Semiconductors
  - 5.4.1. Market estimates and forecasts, 2021 - 2033 (USD Million)
- 5.5. Medical & Dental
  - 5.5.1. Market estimates and forecasts, 2021 - 2033 (USD Million)
- 5.6. Others
  - 5.6.1. Market estimates and forecasts, 2021 - 2033 (USD Million)

## **CHAPTER 6. COLD ISOSTATIC PRESSING MARKET: REGIONAL ESTIMATES & TREND ANALYSIS**

- 6.1. Regional Analysis, 2025 & 2033

## 6.2. North America

6.2.1. Market estimates and forecasts, 2021 - 2033 (USD Million)

6.2.2. Market estimates and forecasts, by material, 2021 - 2033 (USD Million)

6.2.3. Market estimates and forecasts, by application, 2021 - 2033 (USD Million)

6.2.4. U.S.

6.2.4.1. Market estimates and forecasts, 2021 - 2033 (USD Million)

6.2.4.2. Market estimates and forecasts, by material, 2021 - 2033 (USD Million)

6.2.4.3. Market estimates and forecasts, by application, 2021 - 2033 (USD Million)

6.2.5. Canada

6.2.5.1. Market estimates and forecasts, 2021 - 2033 (USD Million)

6.2.5.2. Market estimates and forecasts, by material, 2021 - 2033 (USD Million)

6.2.5.3. Market estimates and forecasts, by application, 2021 - 2033 (USD Million)

6.2.6. Mexico

6.2.6.1. Market estimates and forecasts, 2021 - 2033 (USD Million)

6.2.6.2. Market estimates and forecasts, by material, 2021 - 2033 (USD Million)

6.2.6.3. Market estimates and forecasts, by application, 2021 - 2033 (USD Million)

## 6.3. Europe

6.3.1. Market estimates and forecasts, 2021 - 2033 (USD Million)

6.3.2. Market estimates and forecasts, by material, 2021 - 2033 (USD Million)

6.3.3. Market estimates and forecasts, by application, 2021 - 2033 (USD Million)

6.3.4. Germany

6.3.4.1. Market estimates and forecasts, 2021 - 2033 (USD Million)

6.3.4.2. Market estimates and forecasts, by material, 2021 - 2033 (USD Million)

6.3.4.3. Market estimates and forecasts, by application, 2021 - 2033 (USD Million)

6.3.5. France

6.3.5.1. Market estimates and forecasts, 2021 - 2033 (USD Million)

6.3.5.2. Market estimates and forecasts, by material, 2021 - 2033 (USD Million)

6.3.5.3. Market estimates and forecasts, by application, 2021 - 2033 (USD Million)

6.3.6. UK

6.3.6.1. Market estimates and forecasts, 2021 - 2033 (USD Million)

6.3.6.2. Market estimates and forecasts, by material, 2021 - 2033 (USD Million)

6.3.6.3. Market estimates and forecasts, by application, 2021 - 2033 (USD Million)

## 6.4. Asia Pacific

6.4.1. Market estimates and forecasts, 2021 - 2033 (USD Million)

6.4.2. Market estimates and forecasts, by material, 2021 - 2033 (USD Million)

6.4.3. Market estimates and forecasts, by application, 2021 - 2033 (USD Million)

6.4.4. China

6.4.4.1. Market estimates and forecasts, 2021 - 2033 (USD Million)

6.4.4.2. Market estimates and forecasts, by material, 2021 - 2033 (USD Million)

6.4.4.3. Market estimates and forecasts, by application, 2021 - 2033 (USD Million)

6.4.5. India

6.4.5.1. Market estimates and forecasts, 2021 - 2033 (USD Million)

6.4.5.2. Market estimates and forecasts, by material, 2021 - 2033 (USD Million)

6.4.5.3. Market estimates and forecasts, by application, 2021 - 2033 (USD Million)

6.4.6. Japan

6.4.6.1. Market estimates and forecasts, 2021 - 2033 (USD Million)

6.4.6.2. Market estimates and forecasts, by material, 2021 - 2033 (USD Million)

6.4.6.3. Market estimates and forecasts, by application, 2021 - 2033 (USD Million)

6.5. Latin America

6.5.1. Market estimates and forecasts, 2021 - 2033 (USD Million)

6.5.2. Market estimates and forecasts, by material, 2021 - 2033 (USD Million)

6.5.3. Market estimates and forecasts, by application, 2021 - 2033 (USD Million)

6.5.4. Brazil

6.5.4.1. Market estimates and forecasts, 2021 - 2033 (USD Million)

6.5.4.2. Market estimates and forecasts, by material, 2021 - 2033 (USD Million)

6.5.4.3. Market estimates and forecasts, by application, 2021 - 2033 (USD Million)

6.6. Middle East & Africa

6.6.1. Market estimates and forecasts, 2021 - 2033 (USD Million)

6.6.2. Market estimates and forecasts, by material, 2021 - 2033 (USD Million)

6.6.3. Market estimates and forecasts, by application, 2021 - 2033 (USD Million)

## **CHAPTER 7. COMPETITIVE LANDSCAPE**

7.1. Recent Developments & Impact Analysis, By Key Market Participants

7.2. Company Categorization

7.3. Company Ranking, 2025

7.4. Heat Map Analysis

7.5. Kraljic Matrix

7.6. Vendor Landscape

7.6.1. List of Raw Material Suppliers

7.6.2. List of Equipment Providers

7.6.3. List of Distributors

7.7. List of Prospective Buyers

7.7.1. Buyer Type

7.7.2. Industry

7.7.3. Headquarters

7.7.4. Region

7.7.5. Contact Information

## 7.8. Strategy Initiatives

## 7.9. Company Profiles (Overview, Financials, Product Benchmarking)

7.9.1. Almatiss

7.9.2. ATI

7.9.3. Carpenter Technology

7.9.4. CoorsTek

7.9.5. GKN Powder Metallurgy

7.9.6. H?gan?s

7.9.7. Kyocera

7.9.8. Saint Gobain Ceramic Materials

7.9.9. Sandvik

7.9.10. Tosoh

## List Of Tables

### LIST OF TABLES

- Table 1 Cold isostatic pressing market estimates & forecasts, 2021 - 2033 (USD Million)
- Table 2 Cold isostatic pressing market estimates and forecasts, by metal powders, 2021 - 2033 (USD Million)
- Table 3 Cold isostatic pressing market estimates and forecasts, by ceramic powders, 2021 - 2033 (USD Million)
- Table 4 Cold isostatic pressing market estimates and forecasts, by composite materials, 2021 - 2033 (USD Million)
- Table 5 Cold isostatic pressing market estimates and forecasts, by ceramics & refractories, 2021 - 2033 (USD Million)
- Table 6 Cold isostatic pressing market estimates and forecasts, by powder metallurgy, 2021 - 2033 (USD Million)
- Table 7 Cold isostatic pressing market estimates and forecasts, by electronics & semiconductors, 2021 - 2033 (USD Million)
- Table 8 Cold isostatic pressing market estimates and forecasts, by medical & dental, 2021 - 2033 (USD Million)
- Table 9 Cold isostatic pressing market estimates and forecasts, by others, 2021 - 2033 (USD Million)
- Table 10 North America cold isostatic pressing market estimates & forecasts, 2021 - 2033 (USD Million)
- Table 11 North America cold isostatic pressing market estimates & forecasts, by material, 2021 - 2033 (USD Million)
- Table 12 North America cold isostatic pressing market estimates & forecasts, by application, 2021 - 2033 (USD Million)
- Table 13 U.S. cold isostatic pressing market estimates & forecasts, 2021 - 2033 (USD Million)
- Table 14 U.S. cold isostatic pressing market estimates & forecasts, by material, 2021 - 2033 (USD Million)
- Table 15 U.S. cold isostatic pressing market estimates & forecasts, by application, 2021 - 2033 (USD Million)
- Table 16 Canada cold isostatic pressing market estimates & forecasts, 2021 - 2033 (USD Million)
- Table 17 Canada cold isostatic pressing market estimates & forecasts, by material, 2021 - 2033 (USD Million)
- Table 18 Canada cold isostatic pressing market estimates & forecasts, by application, 2021 - 2033 (USD Million)

Table 19 Mexico cold isostatic pressing market estimates & forecasts, 2021 - 2033 (USD Million)

Table 20 Mexico cold isostatic pressing market estimates & forecasts, by material, 2021 - 2033 (USD Million)

Table 21 Mexico cold isostatic pressing market estimates & forecasts, by application, 2021 - 2033 (USD Million)

Table 22 Europe cold isostatic pressing market estimates & forecasts, 2021 - 2033 (USD Million)

Table 23 Europe cold isostatic pressing market estimates & forecasts, by material, 2021 - 2033 (USD Million)

Table 24 Europe cold isostatic pressing market estimates & forecasts, by application, 2021 - 2033 (USD Million)

Table 25 Germany cold isostatic pressing market estimates & forecasts, 2021 - 2033 (USD Million)

Table 26 Germany cold isostatic pressing market estimates & forecasts, by material, 2021 - 2033 (USD Million)

Table 27 Germany cold isostatic pressing market estimates & forecasts, by application, 2021 - 2033 (USD Million)

Table 28 UK cold isostatic pressing market estimates & forecasts, 2021 - 2033 (USD Million)

Table 29 UK cold isostatic pressing market estimates & forecasts, by material, 2021 - 2033 (USD Million)

Table 30 UK cold isostatic pressing market estimates & forecasts, by application, 2021 - 2033 (USD Million)

Table 31 France cold isostatic pressing market estimates & forecasts, 2021 - 2033 (USD Million)

Table 32 France cold isostatic pressing market estimates & forecasts, by material, 2021 - 2033 (USD Million)

Table 33 France cold isostatic pressing market estimates & forecasts, by application, 2021 - 2033 (USD Million)

Table 34 Asia Pacific cold isostatic pressing market estimates & forecasts, 2021 - 2033 (USD Million)

Table 35 Asia Pacific cold isostatic pressing market estimates & forecasts, by material, 2021 - 2033 (USD Million)

Table 36 Asia Pacific cold isostatic pressing market estimates & forecasts, by application, 2021 - 2033 (USD Million)

Table 37 China cold isostatic pressing market estimates & forecasts, 2021 - 2033 (USD Million)

Table 38 China cold isostatic pressing market estimates & forecasts, by material, 2021 -

2033 (USD Million)

Table 39 China cold isostatic pressing market estimates & forecasts, by application, 2021 - 2033 (USD Million)

Table 40 India cold isostatic pressing market estimates & forecasts, 2021 - 2033 (USD Million)

Table 41 India cold isostatic pressing market estimates & forecasts, by material, 2021 - 2033 (USD Million)

Table 42 India cold isostatic pressing market estimates & forecasts, by application, 2021 - 2033 (USD Million)

Table 43 Japan cold isostatic pressing market estimates & forecasts, 2021 - 2033 (USD Million)

Table 44 Japan cold isostatic pressing market estimates & forecasts, by material, 2021 - 2033 (USD Million)

Table 45 Japan cold isostatic pressing market estimates & forecasts, by application, 2021 - 2033 (USD Million)

Table 46 Latin America cold isostatic pressing market estimates & forecasts, 2021 - 2033 (USD Million)

Table 47 Latin America cold isostatic pressing market estimates & forecasts, by material, 2021 - 2033 (USD Million)

Table 48 Latin America cold isostatic pressing market estimates & forecasts, by application, 2021 - 2033 (USD Million)

Table 49 Brazil cold isostatic pressing market estimates & forecasts, 2021 - 2033 (USD Million)

Table 50 Brazil cold isostatic pressing market estimates & forecasts, by material, 2021 - 2033 (USD Million)

Table 51 Brazil cold isostatic pressing market estimates & forecasts, by application, 2021 - 2033 (USD Million)

Table 52 Middle East & Africa cold isostatic pressing market estimates & forecasts, 2021 - 2033 (USD Million)

Table 53 Middle East & Africa cold isostatic pressing market estimates & forecasts, by material, 2021 - 2033 (USD Million)

Table 54 Middle East & Africa cold isostatic pressing market estimates & forecasts, by application, 2021 - 2033 (USD Million)

## List Of Figures

### LIST OF FIGURES

- Fig. 1 Market segmentation
- Fig. 2 Information procurement
- Fig. 3 Data analysis models
- Fig. 4 Market formulation and validation
- Fig. 5 Market snapshot
- Fig. 6 Segmental outlook
- Fig. 7 Competitive outlook
- Fig. 8 Cold isostatic pressing market outlook, 2021 - 2033 (USD Million)
- Fig. 9 Value chain analysis
- Fig. 10 Market dynamics
- Fig. 11 Porter's analysis
- Fig. 12 PESTEL analysis
- Fig. 13 Cold isostatic pressing market, by material: Key takeaways
- Fig. 14 Cold isostatic pressing market, by material: Market share, 2025 & 2033
- Fig. 15 Cold isostatic pressing market, by application: Key takeaways
- Fig. 16 Cold isostatic pressing market, by application: Market share, 2025 & 2033
- Fig. 17 Cold isostatic pressing market: Regional analysis, 2025
- Fig. 18 Cold isostatic pressing market, by region: Key takeaways

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