

# Cobalt Alloys Industry Research Report 2023

<https://marketpublishers.com/r/CAF150926CFCEN.html>

Date: August 2023

Pages: 96

Price: US\$ 2,950.00 (Single User License)

ID: CAF150926CFCEN

## Abstracts

Cobalt-based alloys are cobalt as the main component, containing other metal such as nickel, chromium, tungsten and a small amount of alloying elements such as molybdenum, niobium, tantalum, titanium, lanthanum, and occasionally iron. According to the different components in the alloy, Cobalt-based alloys can be made into castings and forgings metal parts and powder metallurgy parts.

The Cobalt Alloys industry can be broken down into 2 segments, Cobalt-Base Wear-Resistant Alloys, Cobalt-Base High-Temperature Alloys, etc.

## Highlights

The global Cobalt Alloys market is projected to reach US\$ million by 2029 from an estimated US\$ million in 2022, at a CAGR of % during 2023 and 2029.

Global key players of Cobalt Alloys include Precision Castparts Corporation, Kennametal, VDM Metals, Carpenter and ATI, etc. Top three players occupy for a share about 41%. North America is the largest market, with a share about 37%, followed by Asia-Pacific and Europe. In terms of product, Cobalt-Base High-Temperature Alloys is the largest segment, with a share over 74%. In terms of application, Aerospace is the largest market, with a share over 57%.

## Report Scope

This report aims to provide a comprehensive presentation of the global market for Cobalt Alloys, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Cobalt Alloys.

The Cobalt Alloys market size, estimations, and forecasts are provided in terms of output/shipments (MT) and revenue (\$ millions), considering 2022 as the base year, with history and forecast data for the period from 2018 to 2029. This report segments the global Cobalt Alloys market comprehensively. Regional market sizes, concerning products by types, by application, and by players, are also provided. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

The report will help the Cobalt Alloys manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, production, and average price for the overall market and the sub-segments across the different segments, by company, product type, application, and regions.

### Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2018-2023. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Precision Castparts Corporation

Kennametal

VDM Metals

Carpenter

ATI

Haynes

Hitachi Metals

Shanghai Zhongzhou Special Alloy Materials

Arcam

Kulzer

EOS

SLM

## Product Type Insights

Global markets are presented by Cobalt Alloys type, along with growth forecasts through 2029. Estimates on production and value are based on the price in the supply chain at which the Cobalt Alloys are procured by the manufacturers.

This report has studied every segment and provided the market size using historical data. They have also talked about the growth opportunities that the segment may pose in the future. This study bestows production and revenue data by type, and during the historical period (2018-2023) and forecast period (2024-2029).

## Cobalt Alloys segment by Type

Cobalt-Base Wear-Resistant Alloys

Cobalt-Base High-Temperature Alloys

## Application Insights

This report has provided the market size (production and revenue data) by application, during the historical period (2018-2023) and forecast period (2024-2029).

This report also outlines the market trends of each segment and consumer behaviors impacting the Cobalt Alloys market and what implications these may have on the industry's future. This report can help to understand the relevant market and consumer trends that are driving the Cobalt Alloys market.

### Cobalt Alloys segment by Application

Aerospace

Energy

Medical

Industrial

Other

### Regional Outlook

This section of the report provides key insights regarding various regions and the key players operating in each region. Economic, social, environmental, technological, and political factors have been taken into consideration while assessing the growth of the particular region/country. The readers will also get their hands on the revenue and sales data of each region and country for the period 2018-2029.

The market has been segmented into various major geographies, including North America, Europe, Asia-Pacific, South America. Detailed analysis of major countries such as the USA, Germany, the U.K., Italy, France, China, Japan, South Korea, Southeast Asia, and India will be covered within the regional segment. For market estimates, data are going to be provided for 2022 because of the base year, with estimates for 2023 and forecast value for 2029.

North America

United States

Canada

## Europe

Germany

France

U.K.

Italy

Russia

## Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

## Latin America

Mexico

Brazil

Argentina

## Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

## COVID-19 and Russia-Ukraine War Influence Analysis

The readers in the section will understand how the Cobalt Alloys market scenario changed across the globe during the pandemic, post-pandemic and Russia-Ukraine War. The study is done keeping in view the changes in aspects such as demand, consumption, transportation, consumer behavior, supply chain management, export and import, and production. The industry experts have also highlighted the key factors that will help create opportunities for players and stabilize the overall industry in the years to come.

## Reasons to Buy This Report

This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Cobalt Alloys market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

This report will help stakeholders to understand the global industry status and trends of Cobalt Alloys and provides them with information on key market drivers, restraints, challenges, and opportunities.

This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

This report stays updated with novel technology integration, features, and the latest developments in the market

This report helps stakeholders to understand the COVID-19 and Russia-Ukraine War Influence on the Cobalt Alloys industry.

This report helps stakeholders to gain insights into which regions to target globally

This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Cobalt Alloys.

This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Core Chapters

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of Cobalt Alloys manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of Cobalt Alloys by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of Cobalt Alloys in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development

prospects, market space, and production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.



## Contents

### 1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
  - 1.5.1 Secondary Sources
  - 1.5.2 Primary Sources

### 2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 Cobalt Alloys by Type
  - 2.2.1 Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)
  - 2.2.2 Cobalt-Base Wear-Resistant Alloys
  - 2.2.3 Cobalt-Base High-Temperature Alloys
- 2.3 Cobalt Alloys by Application
  - 2.3.1 Market Value Comparison by Application (2018 VS 2022 VS 2029) & (US\$ Million)
  - 2.3.2 Aerospace
  - 2.3.3 Energy
  - 2.3.4 Medical
  - 2.3.5 Industrial
  - 2.3.6 Other
- 2.4 Global Market Growth Prospects
  - 2.4.1 Global Cobalt Alloys Production Value Estimates and Forecasts (2018-2029)
  - 2.4.2 Global Cobalt Alloys Production Capacity Estimates and Forecasts (2018-2029)
  - 2.4.3 Global Cobalt Alloys Production Estimates and Forecasts (2018-2029)
  - 2.4.4 Global Cobalt Alloys Market Average Price (2018-2029)

### 3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 3.1 Global Cobalt Alloys Production by Manufacturers (2018-2023)
- 3.2 Global Cobalt Alloys Production Value by Manufacturers (2018-2023)
- 3.3 Global Cobalt Alloys Average Price by Manufacturers (2018-2023)
- 3.4 Global Cobalt Alloys Industry Manufacturers Ranking, 2021 VS 2022 VS 2023

- 3.5 Global Cobalt Alloys Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Cobalt Alloys Manufacturers, Product Type & Application
- 3.7 Global Cobalt Alloys Manufacturers, Date of Enter into This Industry
- 3.8 Global Cobalt Alloys Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

## **4 MANUFACTURERS PROFILED**

### 4.1 Precision Castparts Corporation

- 4.1.1 Precision Castparts Corporation Cobalt Alloys Company Information
- 4.1.2 Precision Castparts Corporation Cobalt Alloys Business Overview
- 4.1.3 Precision Castparts Corporation Cobalt Alloys Production Capacity, Value and Gross Margin (2018-2023)
- 4.1.4 Precision Castparts Corporation Product Portfolio
- 4.1.5 Precision Castparts Corporation Recent Developments

### 4.2 Kennametal

- 4.2.1 Kennametal Cobalt Alloys Company Information
- 4.2.2 Kennametal Cobalt Alloys Business Overview
- 4.2.3 Kennametal Cobalt Alloys Production Capacity, Value and Gross Margin (2018-2023)
- 4.2.4 Kennametal Product Portfolio
- 4.2.5 Kennametal Recent Developments

### 4.3 VDM Metals

- 4.3.1 VDM Metals Cobalt Alloys Company Information
- 4.3.2 VDM Metals Cobalt Alloys Business Overview
- 4.3.3 VDM Metals Cobalt Alloys Production Capacity, Value and Gross Margin (2018-2023)
- 4.3.4 VDM Metals Product Portfolio
- 4.3.5 VDM Metals Recent Developments

### 4.4 Carpenter

- 4.4.1 Carpenter Cobalt Alloys Company Information
- 4.4.2 Carpenter Cobalt Alloys Business Overview
- 4.4.3 Carpenter Cobalt Alloys Production Capacity, Value and Gross Margin (2018-2023)
- 4.4.4 Carpenter Product Portfolio
- 4.4.5 Carpenter Recent Developments

### 4.5 ATI

- 4.5.1 ATI Cobalt Alloys Company Information
- 4.5.2 ATI Cobalt Alloys Business Overview

- 4.5.3 ATI Cobalt Alloys Production Capacity, Value and Gross Margin (2018-2023)
- 4.5.4 ATI Product Portfolio
- 4.5.5 ATI Recent Developments
- 4.6 Haynes
  - 4.6.1 Haynes Cobalt Alloys Company Information
  - 4.6.2 Haynes Cobalt Alloys Business Overview
  - 4.6.3 Haynes Cobalt Alloys Production Capacity, Value and Gross Margin (2018-2023)
  - 4.6.4 Haynes Product Portfolio
  - 4.6.5 Haynes Recent Developments
- 4.7 Hitachi Metals
  - 4.7.1 Hitachi Metals Cobalt Alloys Company Information
  - 4.7.2 Hitachi Metals Cobalt Alloys Business Overview
  - 4.7.3 Hitachi Metals Cobalt Alloys Production Capacity, Value and Gross Margin (2018-2023)
  - 4.7.4 Hitachi Metals Product Portfolio
  - 4.7.5 Hitachi Metals Recent Developments
- 4.8 Shanghai Zhongzhou Special Alloy Materials
  - 4.8.1 Shanghai Zhongzhou Special Alloy Materials Cobalt Alloys Company Information
  - 4.8.2 Shanghai Zhongzhou Special Alloy Materials Cobalt Alloys Business Overview
  - 4.8.3 Shanghai Zhongzhou Special Alloy Materials Cobalt Alloys Production Capacity, Value and Gross Margin (2018-2023)
  - 4.8.4 Shanghai Zhongzhou Special Alloy Materials Product Portfolio
  - 4.8.5 Shanghai Zhongzhou Special Alloy Materials Recent Developments
- 4.9 Arcam
  - 4.9.1 Arcam Cobalt Alloys Company Information
  - 4.9.2 Arcam Cobalt Alloys Business Overview
  - 4.9.3 Arcam Cobalt Alloys Production Capacity, Value and Gross Margin (2018-2023)
  - 4.9.4 Arcam Product Portfolio
  - 4.9.5 Arcam Recent Developments
- 4.10 Kulzer
  - 4.10.1 Kulzer Cobalt Alloys Company Information
  - 4.10.2 Kulzer Cobalt Alloys Business Overview
  - 4.10.3 Kulzer Cobalt Alloys Production Capacity, Value and Gross Margin (2018-2023)
  - 4.10.4 Kulzer Product Portfolio
  - 4.10.5 Kulzer Recent Developments
- 7.11 EOS
  - 7.11.1 EOS Cobalt Alloys Company Information
  - 7.11.2 EOS Cobalt Alloys Business Overview
  - 4.11.3 EOS Cobalt Alloys Production Capacity, Value and Gross Margin (2018-2023)

- 7.11.4 EOS Product Portfolio
- 7.11.5 EOS Recent Developments
- 7.12 SLM
  - 7.12.1 SLM Cobalt Alloys Company Information
  - 7.12.2 SLM Cobalt Alloys Business Overview
  - 7.12.3 SLM Cobalt Alloys Production Capacity, Value and Gross Margin (2018-2023)
  - 7.12.4 SLM Product Portfolio
  - 7.12.5 SLM Recent Developments

## **5 GLOBAL COBALT ALLOYS PRODUCTION BY REGION**

- 5.1 Global Cobalt Alloys Production Estimates and Forecasts by Region: 2018 VS 2022 VS 2029
- 5.2 Global Cobalt Alloys Production by Region: 2018-2029
  - 5.2.1 Global Cobalt Alloys Production by Region: 2018-2023
  - 5.2.2 Global Cobalt Alloys Production Forecast by Region (2024-2029)
- 5.3 Global Cobalt Alloys Production Value Estimates and Forecasts by Region: 2018 VS 2022 VS 2029
- 5.4 Global Cobalt Alloys Production Value by Region: 2018-2029
  - 5.4.1 Global Cobalt Alloys Production Value by Region: 2018-2023
  - 5.4.2 Global Cobalt Alloys Production Value Forecast by Region (2024-2029)
- 5.5 Global Cobalt Alloys Market Price Analysis by Region (2018-2023)
- 5.6 Global Cobalt Alloys Production and Value, YOY Growth
  - 5.6.1 North America Cobalt Alloys Production Value Estimates and Forecasts (2018-2029)
  - 5.6.2 Europe Cobalt Alloys Production Value Estimates and Forecasts (2018-2029)
  - 5.6.3 China Cobalt Alloys Production Value Estimates and Forecasts (2018-2029)
  - 5.6.4 Japan Cobalt Alloys Production Value Estimates and Forecasts (2018-2029)

## **6 GLOBAL COBALT ALLOYS CONSUMPTION BY REGION**

- 6.1 Global Cobalt Alloys Consumption Estimates and Forecasts by Region: 2018 VS 2022 VS 2029
- 6.2 Global Cobalt Alloys Consumption by Region (2018-2029)
  - 6.2.1 Global Cobalt Alloys Consumption by Region: 2018-2029
  - 6.2.2 Global Cobalt Alloys Forecasted Consumption by Region (2024-2029)
- 6.3 North America
  - 6.3.1 North America Cobalt Alloys Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.3.2 North America Cobalt Alloys Consumption by Country (2018-2029)

6.3.3 United States

6.3.4 Canada

6.4 Europe

6.4.1 Europe Cobalt Alloys Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.4.2 Europe Cobalt Alloys Consumption by Country (2018-2029)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.5 Asia Pacific

6.5.1 Asia Pacific Cobalt Alloys Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.5.2 Asia Pacific Cobalt Alloys Consumption by Country (2018-2029)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 China Taiwan

6.5.7 Southeast Asia

6.5.8 India

6.5.9 Australia

6.6 Latin America, Middle East & Africa

6.6.1 Latin America, Middle East & Africa Cobalt Alloys Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.6.2 Latin America, Middle East & Africa Cobalt Alloys Consumption by Country (2018-2029)

6.6.3 Mexico

6.6.4 Brazil

6.6.5 Turkey

6.6.5 GCC Countries

## **7 SEGMENT BY TYPE**

7.1 Global Cobalt Alloys Production by Type (2018-2029)

7.1.1 Global Cobalt Alloys Production by Type (2018-2029) & (MT)

7.1.2 Global Cobalt Alloys Production Market Share by Type (2018-2029)

7.2 Global Cobalt Alloys Production Value by Type (2018-2029)

- 7.2.1 Global Cobalt Alloys Production Value by Type (2018-2029) & (US\$ Million)
- 7.2.2 Global Cobalt Alloys Production Value Market Share by Type (2018-2029)
- 7.3 Global Cobalt Alloys Price by Type (2018-2029)

## **8 SEGMENT BY APPLICATION**

- 8.1 Global Cobalt Alloys Production by Application (2018-2029)
  - 8.1.1 Global Cobalt Alloys Production by Application (2018-2029) & (MT)
  - 8.1.2 Global Cobalt Alloys Production by Application (2018-2029) & (MT)
- 8.2 Global Cobalt Alloys Production Value by Application (2018-2029)
  - 8.2.1 Global Cobalt Alloys Production Value by Application (2018-2029) & (US\$ Million)
  - 8.2.2 Global Cobalt Alloys Production Value Market Share by Application (2018-2029)
- 8.3 Global Cobalt Alloys Price by Application (2018-2029)

## **9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET**

- 9.1 Cobalt Alloys Value Chain Analysis
  - 9.1.1 Cobalt Alloys Key Raw Materials
  - 9.1.2 Raw Materials Key Suppliers
  - 9.1.3 Cobalt Alloys Production Mode & Process
- 9.2 Cobalt Alloys Sales Channels Analysis
  - 9.2.1 Direct Comparison with Distribution Share
  - 9.2.2 Cobalt Alloys Distributors
  - 9.2.3 Cobalt Alloys Customers

## **10 GLOBAL COBALT ALLOYS ANALYZING MARKET DYNAMICS**

- 10.1 Cobalt Alloys Industry Trends
- 10.2 Cobalt Alloys Industry Drivers
- 10.3 Cobalt Alloys Industry Opportunities and Challenges
- 10.4 Cobalt Alloys Industry Restraints

## **11 REPORT CONCLUSION**

## **12 DISCLAIMER**

## List Of Tables

### LIST OF TABLES

Table 1. Secondary Sources

Table 2. Primary Sources

Table 3. Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)

Table 4. Market Value Comparison by Application (2018 VS 2022 VS 2029) & (US\$ Million)

Table 5. Global Cobalt Alloys Production by Manufacturers (MT) & (2018-2023)

Table 6. Global Cobalt Alloys Production Market Share by Manufacturers

Table 7. Global Cobalt Alloys Production Value by Manufacturers (US\$ Million) & (2018-2023)

Table 8. Global Cobalt Alloys Production Value Market Share by Manufacturers (2018-2023)

Table 9. Global Cobalt Alloys Average Price (US\$/MT) of Key Manufacturers (2018-2023)

Table 10. Global Cobalt Alloys Industry Manufacturers Ranking, 2021 VS 2022 VS 2023

Table 11. Global Cobalt Alloys Manufacturers, Product Type & Application

Table 12. Global Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 13. Global Cobalt Alloys by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2022)

Table 14. Manufacturers Mergers & Acquisitions, Expansion Plans)

Table 15. Precision Castparts Corporation Cobalt Alloys Company Information

Table 16. Precision Castparts Corporation Business Overview

Table 17. Precision Castparts Corporation Cobalt Alloys Production Capacity (MT), Value (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)

Table 18. Precision Castparts Corporation Product Portfolio

Table 19. Precision Castparts Corporation Recent Developments

Table 20. Kennametal Cobalt Alloys Company Information

Table 21. Kennametal Business Overview

Table 22. Kennametal Cobalt Alloys Production Capacity (MT), Value (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)

Table 23. Kennametal Product Portfolio

Table 24. Kennametal Recent Developments

Table 25. VDM Metals Cobalt Alloys Company Information

Table 26. VDM Metals Business Overview

Table 27. VDM Metals Cobalt Alloys Production Capacity (MT), Value (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)

Table 28. VDM Metals Product Portfolio

Table 29. VDM Metals Recent Developments

Table 30. Carpenter Cobalt Alloys Company Information

Table 31. Carpenter Business Overview

Table 32. Carpenter Cobalt Alloys Production Capacity (MT), Value (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)

Table 33. Carpenter Product Portfolio

Table 34. Carpenter Recent Developments

Table 35. ATI Cobalt Alloys Company Information

Table 36. ATI Business Overview

Table 37. ATI Cobalt Alloys Production Capacity (MT), Value (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)

Table 38. ATI Product Portfolio

Table 39. ATI Recent Developments

Table 40. Haynes Cobalt Alloys Company Information

Table 41. Haynes Business Overview

Table 42. Haynes Cobalt Alloys Production Capacity (MT), Value (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)

Table 43. Haynes Product Portfolio

Table 44. Haynes Recent Developments

Table 45. Hitachi Metals Cobalt Alloys Company Information

Table 46. Hitachi Metals Business Overview

Table 47. Hitachi Metals Cobalt Alloys Production Capacity (MT), Value (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)

Table 48. Hitachi Metals Product Portfolio

Table 49. Hitachi Metals Recent Developments

Table 50. Shanghai Zhongzhou Special Alloy Materials Cobalt Alloys Company Information

Table 51. Shanghai Zhongzhou Special Alloy Materials Business Overview

Table 52. Shanghai Zhongzhou Special Alloy Materials Cobalt Alloys Production Capacity (MT), Value (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)

Table 53. Shanghai Zhongzhou Special Alloy Materials Product Portfolio

Table 54. Shanghai Zhongzhou Special Alloy Materials Recent Developments

Table 55. Arcam Cobalt Alloys Company Information

Table 56. Arcam Business Overview

Table 57. Arcam Cobalt Alloys Production Capacity (MT), Value (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)

Table 58. Arcam Product Portfolio

Table 59. Arcam Recent Developments



- Table 60. Kulzer Cobalt Alloys Company Information
- Table 61. Kulzer Business Overview
- Table 62. Kulzer Cobalt Alloys Production Capacity (MT), Value (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)
- Table 63. Kulzer Product Portfolio
- Table 64. Kulzer Recent Developments
- Table 65. EOS Cobalt Alloys Company Information
- Table 66. EOS Business Overview
- Table 67. EOS Cobalt Alloys Production Capacity (MT), Value (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)
- Table 68. EOS Product Portfolio
- Table 69. EOS Recent Developments
- Table 70. SLM Cobalt Alloys Company Information
- Table 71. SLM Business Overview
- Table 72. SLM Cobalt Alloys Production Capacity (MT), Value (US\$ Million), Price (US\$/MT) and Gross Margin (2018-2023)
- Table 73. SLM Product Portfolio
- Table 74. SLM Recent Developments
- Table 75. Global Cobalt Alloys Production Comparison by Region: 2018 VS 2022 VS 2029 (MT)
- Table 76. Global Cobalt Alloys Production by Region (2018-2023) & (MT)
- Table 77. Global Cobalt Alloys Production Market Share by Region (2018-2023)
- Table 78. Global Cobalt Alloys Production Forecast by Region (2024-2029) & (MT)
- Table 79. Global Cobalt Alloys Production Market Share Forecast by Region (2024-2029)
- Table 80. Global Cobalt Alloys Production Value Comparison by Region: 2018 VS 2022 VS 2029 (US\$ Million)
- Table 81. Global Cobalt Alloys Production Value by Region (2018-2023) & (US\$ Million)
- Table 82. Global Cobalt Alloys Production Value Market Share by Region (2018-2023)
- Table 83. Global Cobalt Alloys Production Value Forecast by Region (2024-2029) & (US\$ Million)
- Table 84. Global Cobalt Alloys Production Value Market Share Forecast by Region (2024-2029)
- Table 85. Global Cobalt Alloys Market Average Price (US\$/MT) by Region (2018-2023)
- Table 86. Global Cobalt Alloys Consumption Comparison by Region: 2018 VS 2022 VS 2029 (MT)
- Table 87. Global Cobalt Alloys Consumption by Region (2018-2023) & (MT)
- Table 88. Global Cobalt Alloys Consumption Market Share by Region (2018-2023)
- Table 89. Global Cobalt Alloys Forecasted Consumption by Region (2024-2029) & (MT)

Table 90. Global Cobalt Alloys Forecasted Consumption Market Share by Region (2024-2029)

Table 91. North America Cobalt Alloys Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (MT)

Table 92. North America Cobalt Alloys Consumption by Country (2018-2023) & (MT)

Table 93. North America Cobalt Alloys Consumption by Country (2024-2029) & (MT)

Table 94. Europe Cobalt Alloys Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (MT)

Table 95. Europe Cobalt Alloys Consumption by Country (2018-2023) & (MT)

Table 96. Europe Cobalt Alloys Consumption by Country (2024-2029) & (MT)

Table 97. Asia Pacific Cobalt Alloys Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (MT)

Table 98. Asia Pacific Cobalt Alloys Consumption by Country (2018-2023) & (MT)

Table 99. Asia Pacific Cobalt Alloys Consumption by Country (2024-2029) & (MT)

Table 100. Latin America, Middle East & Africa Cobalt Alloys Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (MT)

Table 101. Latin America, Middle East & Africa Cobalt Alloys Consumption by Country (2018-2023) & (MT)

Table 102. Latin America, Middle East & Africa Cobalt Alloys Consumption by Country (2024-2029) & (MT)

Table 103. Global Cobalt Alloys Production by Type (2018-2023) & (MT)

Table 104. Global Cobalt Alloys Production by Type (2024-2029) & (MT)

Table 105. Global Cobalt Alloys Production Market Share by Type (2018-2023)

Table 106. Global Cobalt Alloys Production Market Share by Type (2024-2029)

Table 107. Global Cobalt Alloys Production Value by Type (2018-2023) & (US\$ Million)

Table 108. Global Cobalt Alloys Production Value by Type (2024-2029) & (US\$ Million)

Table 109. Global Cobalt Alloys Production Value Market Share by Type (2018-2023)

Table 110. Global Cobalt Alloys Production Value Market Share by Type (2024-2029)

Table 111. Global Cobalt Alloys Price by Type (2018-2023) & (US\$/MT)

Table 112. Global Cobalt Alloys Price by Type (2024-2029) & (US\$/MT)

Table 113. Global Cobalt Alloys Production by Application (2018-2023) & (MT)

Table 114. Global Cobalt Alloys Production by Application (2024-2029) & (MT)

Table 115. Global Cobalt Alloys Production Market Share by Application (2018-2023)

Table 116. Global Cobalt Alloys Production Market Share by Application (2024-2029)

Table 117. Global Cobalt Alloys Production Value by Application (2018-2023) & (US\$ Million)

Table 118. Global Cobalt Alloys Production Value by Application (2024-2029) & (US\$ Million)

Table 119. Global Cobalt Alloys Production Value Market Share by Application

(2018-2023)

Table 120. Global Cobalt Alloys Production Value Market Share by Application

(2024-2029)

Table 121. Global Cobalt Alloys Price by Application (2018-2023) & (US\$/MT)

Table 122. Global Cobalt Alloys Price by Application (2024-2029) & (US\$/MT)

Table 123. Key Raw Materials

Table 124. Raw Materials Key Suppliers

Table 125. Cobalt Alloys Distributors List

Table 126. Cobalt Alloys Customers List

Table 127. Cobalt Alloys Industry Trends

Table 128. Cobalt Alloys Industry Drivers

Table 129. Cobalt Alloys Industry Restraints

Table 130. Authors List of This Report

## List Of Figures

### LIST OF FIGURES

Figure 1. Research Methodology

Figure 2. Research Process

Figure 3. Key Executives Interviewed

Figure 4. Cobalt Alloys Product Picture

Figure 5. Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)

Figure 6. Cobalt-Base Wear-Resistant Alloys Product Picture

Figure 7. Cobalt-Base High-Temperature Alloys Product Picture

Figure 8. Aerospace Product Picture

Figure 9. Energy Product Picture

Figure 10. Medical Product Picture

Figure 11. Industrial Product Picture

Figure 12. Other Product Picture

Figure 13. Global Cobalt Alloys Production Value (US\$ Million), 2018 VS 2022 VS 2029

Figure 14. Global Cobalt Alloys Production Value (2018-2029) & (US\$ Million)

Figure 15. Global Cobalt Alloys Production Capacity (2018-2029) & (MT)

Figure 16. Global Cobalt Alloys Production (2018-2029) & (MT)

Figure 17. Global Cobalt Alloys Average Price (US\$/MT) & (2018-2029)

Figure 18. Global Cobalt Alloys Key Manufacturers, Manufacturing Sites & Headquarters

Figure 19. Global Cobalt Alloys Manufacturers, Date of Enter into This Industry

Figure 20. Global Top 5 and 10 Cobalt Alloys Players Market Share by Production Value in 2022

Figure 21. Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2018 VS 2022

Figure 22. Global Cobalt Alloys Production Comparison by Region: 2018 VS 2022 VS 2029 (MT)

Figure 23. Global Cobalt Alloys Production Market Share by Region: 2018 VS 2022 VS 2029

Figure 24. Global Cobalt Alloys Production Value Comparison by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Figure 25. Global Cobalt Alloys Production Value Market Share by Region: 2018 VS 2022 VS 2029

Figure 26. North America Cobalt Alloys Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 27. Europe Cobalt Alloys Production Value (US\$ Million) Growth Rate (2018-2029)

- Figure 28. China Cobalt Alloys Production Value (US\$ Million) Growth Rate (2018-2029)
- Figure 29. Japan Cobalt Alloys Production Value (US\$ Million) Growth Rate (2018-2029)
- Figure 30. Global Cobalt Alloys Consumption Comparison by Region: 2018 VS 2022 VS 2029 (MT)
- Figure 31. Global Cobalt Alloys Consumption Market Share by Region: 2018 VS 2022 VS 2029
- Figure 32. North America Cobalt Alloys Consumption and Growth Rate (2018-2029) & (MT)
- Figure 33. North America Cobalt Alloys Consumption Market Share by Country (2018-2029)
- Figure 34. United States Cobalt Alloys Consumption and Growth Rate (2018-2029) & (MT)
- Figure 35. Canada Cobalt Alloys Consumption and Growth Rate (2018-2029) & (MT)
- Figure 36. Europe Cobalt Alloys Consumption and Growth Rate (2018-2029) & (MT)
- Figure 37. Europe Cobalt Alloys Consumption Market Share by Country (2018-2029)
- Figure 38. Germany Cobalt Alloys Consumption and Growth Rate (2018-2029) & (MT)
- Figure 39. France Cobalt Alloys Consumption and Growth Rate (2018-2029) & (MT)
- Figure 40. U.K. Cobalt Alloys Consumption and Growth Rate (2018-2029) & (MT)
- Figure 41. Italy Cobalt Alloys Consumption and Growth Rate (2018-2029) & (MT)
- Figure 42. Netherlands Cobalt Alloys Consumption and Growth Rate (2018-2029) & (MT)
- Figure 43. Asia Pacific Cobalt Alloys Consumption and Growth Rate (2018-2029) & (MT)
- Figure 44. Asia Pacific Cobalt Alloys Consumption Market Share by Country (2018-2029)
- Figure 45. China Cobalt Alloys Consumption and Growth Rate (2018-2029) & (MT)
- Figure 46. Japan Cobalt Alloys Consumption and Growth Rate (2018-2029) & (MT)
- Figure 47. South Korea Cobalt Alloys Consumption and Growth Rate (2018-2029) & (MT)
- Figure 48. China Taiwan Cobalt Alloys Consumption and Growth Rate (2018-2029) & (MT)
- Figure 49. Southeast Asia Cobalt Alloys Consumption and Growth Rate (2018-2029) & (MT)
- Figure 50. India Cobalt Alloys Consumption and Growth Rate (2018-2029) & (MT)
- Figure 51. Australia Cobalt Alloys Consumption and Growth Rate (2018-2029) & (MT)
- Figure 52. Latin America, Middle East & Africa Cobalt Alloys Consumption and Growth Rate (2018-2029) & (MT)

- Figure 53. Latin America, Middle East & Africa Cobalt Alloys Consumption Market Share by Country (2018-2029)
- Figure 54. Mexico Cobalt Alloys Consumption and Growth Rate (2018-2029) & (MT)
- Figure 55. Brazil Cobalt Alloys Consumption and Growth Rate (2018-2029) & (MT)
- Figure 56. Turkey Cobalt Alloys Consumption and Growth Rate (2018-2029) & (MT)
- Figure 57. GCC Countries Cobalt Alloys Consumption and Growth Rate (2018-2029) & (MT)
- Figure 58. Global Cobalt Alloys Production Market Share by Type (2018-2029)
- Figure 59. Global Cobalt Alloys Production Value Market Share by Type (2018-2029)
- Figure 60. Global Cobalt Alloys Price (US\$/MT) by Type (2018-2029)
- Figure 61. Global Cobalt Alloys Production Market Share by Application (2018-2029)
- Figure 62. Global Cobalt Alloys Production Value Market Share by Application (2018-2029)
- Figure 63. Global Cobalt Alloys Price (US\$/MT) by Application (2018-2029)
- Figure 64. Cobalt Alloys Value Chain
- Figure 65. Cobalt Alloys Production Mode & Process
- Figure 66. Direct Comparison with Distribution Share
- Figure 67. Distributors Profiles
- Figure 68. Cobalt Alloys Industry Opportunities and Challenges

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