

Global Cobalt-based Superalloy Material Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Cobalt-based Superalloy Material market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Cobalt based alloys (or cobalt based superalloys) are metals whose major mass fraction is cobalt. The base combination of most cobalt alloys is cobalt-chromium, with chromium acting as a strengthening alloy. Adding tungsten and/or molybdenum can affect strengthening even more. Super alloy that exhibit excellent mechanical strength and creep resistance at high temperatures, good surface stability, and corrosion and oxidation resistance. They typically have an austenitic face-Center, and cubic crystal structure with a base alloying element of nickel, cobalt, or nickel-iron. The development of Superalloy has primarily been driven by the aerospace and power industries.

This report studies the global Cobalt-based Superalloy Material production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Cobalt-based Superalloy Material, 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 Cobalt-based Superalloy Material that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Cobalt-based Superalloy Material total production and demand, 2018-2029, (Tons)

Global Cobalt-based Superalloy Material total production value, 2018-2029, (USD Million)

Global Cobalt-based Superalloy Material production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Cobalt-based Superalloy Material consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Cobalt-based Superalloy Material domestic production, consumption, key domestic manufacturers and share

Global Cobalt-based Superalloy Material production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Cobalt-based Superalloy Material production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Cobalt-based Superalloy Material production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global Cobalt-based Superalloy Material market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Precision Castparts Corporation, ATI, Haynes, Carpenter, Aperam, Eramet Group, AMG, Hitachi Metals and CMK Group, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Cobalt-based Superalloy Material market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, 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 Cobalt-based Superalloy Material Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Cobalt-based Superalloy Material Market, Segmentation by Type

Cast Superalloys

Deformed Superalloys

Powdered Superalloys

Global Cobalt-based Superalloy Material Market, Segmentation by Application

Aerospace

IGT (Electricity)

IGT (Mechanical)

Industrial

Automotive

Oil and Gas

Others

Companies Profiled:

Precision Castparts Corporation

ATI

Haynes

Carpenter

Aperam

Eramet Group

AMG

Hitachi Metals

CMK Group

VDM

Nippon Yakin Kogyo

Doncasters

Alcoa

VSMPO-AVISMA

Key Questions Answered

1. How big is the global Cobalt-based Superalloy Material market?
2. What is the demand of the global Cobalt-based Superalloy Material market?
3. What is the year over year growth of the global Cobalt-based Superalloy Material market?
4. What is the production and production value of the global Cobalt-based Superalloy Material market?
5. Who are the key producers in the global Cobalt-based Superalloy Material market?
6. What are the growth factors driving the market demand?

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