

Global Tungsten Carbide Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

https://marketpublishers.com/r/G975772D495EN.html

Date: January 2024

Pages: 160

Price: US\$ 3,480.00 (Single User License)

ID: G975772D495EN

Abstracts

According to our (Global Info Research) latest study, the global Tungsten Carbide market size was valued at USD 1898.4 million in 2023 and is forecast to a readjusted size of USD 2501.4 million by 2030 with a CAGR of 4.0% during review period.

Tungsten is very stable element, as pure metal, tungsten has not only the highest melting point of all metals (3,422 °C) and the lowest degree of thermal expansion, but it is also very dense (19.3 g/cm?), has a high degree of mechanical strength and rigidity and very low vapor pressure. Meanwhile, it has excellent corrosion resistance, thermal conductivity and electric conductivity.

The major players in global Tungsten Carbide market include Sandvik, Xiamen Tungsten, China Minmetals Corporation, etc. The top 3 players occupy about 34% shares of the global market. Asia-Pacific and Europe are main markets, they occupy about 75% of the global market. Grain Sizes 1-10 µm is the main type, with a share about 45%. Machine Tools & Components is the main application, which holds a share about 30%.

The Global Info Research report includes an overview of the development of the Tungsten Carbide industry chain, the market status of Machine Tools and Components (Grain Sizes Up to 1 μ m, Grain Sizes 1-10 μ m), Cutting Tools (Grain Sizes Up to 1 μ m, Grain Sizes 1-10 μ m), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Tungsten Carbide.

Regionally, the report analyzes the Tungsten Carbide markets in key regions. North



America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Tungsten Carbide market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Tungsten Carbide market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Tungsten Carbide industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (MT), revenue generated, and market share of different by Type (e.g., Grain Sizes Up to 1 μ m, Grain Sizes 1-10 μ m).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Tungsten Carbide market.

Regional Analysis: The report involves examining the Tungsten Carbide market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Tungsten Carbide market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Tungsten Carbide:

Company Analysis: Report covers individual Tungsten Carbide manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.



Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Tungsten Carbide This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Machine Tools and Components, Cutting Tools).

Technology Analysis: Report covers specific technologies relevant to Tungsten Carbide. It assesses the current state, advancements, and potential future developments in Tungsten Carbide areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Tungsten Carbide market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Tungsten Carbide market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Grain Sizes Up to 1 µm

Grain Sizes 1-10 µm

Grain Sizes Above 10 µm

Others

Market segment by Application

Machine Tools and Components

Cutting Tools



Dies and P	unches
Others	
Major players cove	ered
Sandvik	
Xiamen Tu	ngsten
	netals Corporation
Element Si	·
Jiangxi Yad	osheng
GuangDon	g XiangLu Tungsten
Chongyi Zh	nangyyuan Tungsten
Plansee (G	STP)
JXTC	
Japan New	/ Metals
AST (India))
Kohsei Co	Ltd
ALMT Corp)
Kennameta	al
H.C.Starck	

TaeguTec Ltd



Wolfram Company JSC (Russia)

Buffalo Tungsten

Eurotungstene

Lineage Alloys

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Tungsten Carbide product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Tungsten Carbide, with price, sales, revenue and global market share of Tungsten Carbide from 2019 to 2024.

Chapter 3, the Tungsten Carbide competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Tungsten Carbide breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.



Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023.and Tungsten Carbide market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Tungsten Carbide.

Chapter 14 and 15, to describe Tungsten Carbide sales channel, distributors, customers, research findings and conclusion.



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