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Global Precision Cutting Blades Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

https://marketpublishers.com/r/G10DDCD1F7C5EN.html
Date: August 2025
Pages: 120
Price: US$ 3,480.00 (Single User License)
ID: G10DDCD1F7C5EN

Abstracts

According to our (Global Info Research) latest study, the global Precision Cutting Blades market size was valued at US$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

Precision cutting and grooving for optical and electronic components. The products are mainly used for precision machining of optoelectronic information materials (optical glass, magnetic materials, fine ceramics, crystals, etc.)

Semiconductor manufacturing equipment is a medium tool for achieving semiconductor manufacturing processes, playing an important role in all aspects. According to SEMI, worldwide sales of semiconductor manufacturing equipment increased 5% from $102.6 billion in 2021 to an all-time record of $107.6 billion in 2022.

In recent years, the localization process of China's semiconductor industry has further accelerated, and the performance of semiconductor equipment is more flexible than the overall industry. The localization of semiconductor equipment is ushering in a golden wave, and domestic semiconductor equipment is facing more opportunities for verification and trial use, technical cooperation, and import substitution. For the third consecutive year, China remained the largest semiconductor equipment market in 2022 despite a 5% slowdown in the pace of investments in the region year over year, accounting for $28.3 billion in billings.

The record high for semiconductor manufacturing equipment sales in 2022 stems from the industry’s drive to add the fab capacity required to support long-term growth and innovations in key end markets including high-performance computing and automotive.

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Additionally, the results reflect investments and determination across regions to avoid future semiconductor supply chain constraints like those that surfaced during the pandemic.

According to the SEMI, global sales of semiconductor equipment was US$ 109 billion in 2022, a year-on-year increase of 5.6%. Mainland China is the largest semiconductor equipment market in the world. For the third consecutive year, China remained the largest semiconductor equipment market in 2022 despite a 5% slowdown in the pace of investments in the region year over year, accounting for $28.3 billion in billings. China Taiwan, the second-largest destination for equipment spending, recorded an increase of 8% to $26.8 billion, marking the fourth straight year of growth for the region. Equipment sales to Korea contracted 14% to $21.5 billion. Annual semiconductor equipment investments in Europe surged 93%, while North America logged a 38% increase. Sales to the Rest of World and Japan increased 34% and 7% year over year, respectively.

According to our Semiconductor Research Center, in 2022, the global semiconductor equipment was valued at US$ 109 billion. China mainland, China Taiwan and South Korea have a combined market share over 70%. North America, Europe and Japan, have a combined market share of 23%. The key drivers are high performance computing, AI, cloud computing, Servers, 5G and EV (electric vehicle), etc.

According to SEMI, worldwide sales of semiconductor manufacturing equipment increased 5% from $102 billion in 2021 to an all-time record of $107.6 billion last year. The record high for semiconductor manufacturing equipment sales in 2022 stems from the industry drive to add the fab capacity required to support long-term growth and innovations in key end markets including high-performance computing and automotive. Global sales of wafer processing equipment rose 8% in 2022, while other front-end segment billings grew 11%. After robust growth in 2021, assembly and packaging equipment sales decreased 19% last year while total test equipment billings contracted 4% year over year.

This report is a detailed and comprehensive analysis for global Precision Cutting Blades market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Material and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

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Key Features:

Global Precision Cutting Blades market size and forecasts, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2020-2031

Global Precision Cutting Blades market size and forecasts by region and country, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2020-2031

Global Precision Cutting Blades market size and forecasts, by Material and by Application, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2020-2031

Global Precision Cutting Blades market shares of main players, shipments in revenue ($ Million), sales quantity (K Units), and ASP (US$/Unit), 2020-2025

The Primary Objectives in This Report Are:
To determine the size of the total market opportunity of global and key countries
To assess the growth potential for Precision Cutting Blades
To forecast future growth in each product and end-use market
To assess competitive factors affecting the marketplace

This report profiles key players in the global Precision Cutting Blades market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include TOKYO SEIMITSU, DISCO, Buehler, Asahi Diamond Industrial, Citizen Chiba Precision, Adamas, NORITAKE, Advanced Dicing Technologies, Loadpoint, Ceibatech, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Precision Cutting Blades market is split by Material and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Material, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

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Market segment by Material

- Resin
- Metal
- Others

Market segment by Application

- Semiconductor
- Ceramics
- Others

Major players covered

- TOKYO SEIMITSU
- DISCO
- Buehler
- Asahi Diamond Industrial
- Citizen Chiba Precision
- Adamas
- NORITAKE
- Advanced Dicing Technologies
- Loadpoint
- Ceibatech

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Advanced Dicing Technologies

Industrial Tool, Inc.

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 Precision Cutting Blades product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Precision Cutting Blades, with price, sales quantity, revenue, and global market share of Precision Cutting Blades from 2020 to 2025.

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

Chapter 4, the Precision Cutting Blades breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Material and by Application, with sales market share and growth rate by Material, by Application, from 2020 to 2031.

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 2020 to 2025.and Precision Cutting Blades market forecast, by regions, by Material, and by Application, with sales and revenue, from 2026 to 2031.

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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 Precision Cutting Blades.

Chapter 14 and 15, to describe Precision Cutting Blades sales channel, distributors, customers, research findings and conclusion.

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