

Global Laser Grooving Equipment for Semiconductor Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Laser Grooving Equipment for Semiconductor market size was valued at USD 359.8 million in 2023 and is forecast to a readjusted size of USD 893.4 million by 2030 with a CAGR of 13.9% during review period.

Laser grooving equipment for semiconductor is a kind of machine that through laser scribing, remove the Low-k substances in the wafer saw track and the coating formed by the metal wiring layer in advance, thereby reducing the occurrence of chip defects and improving chip production efficiency in the subsequent blade dicing process.

Global top five manufacturers of laser grooving equipment for semiconductor occupied for a share over 80 percent, key players are DISCO, ASM Laser Separation International (ALSI), EO Technics, Wuhan DR Laser Technology and Delphi Laser etc. Geographically speaking, Japan holds the most of global market share, about 30%. China holds about 25% of share, while North America followed by nearly 20%. In terms of product, the type of 12 Inch is the largest segment, with a share over 45%. And in terms of application, the largest application is semiconductor wafer, which takes nearly 70%.

The Global Info Research report includes an overview of the development of the Laser Grooving Equipment for Semiconductor industry chain, the market status of Semiconductor Wafer (8 Inch, 12 Inch), Solar Cells (8 Inch, 12 Inch), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Laser Grooving Equipment for Semiconductor.

Regionally, the report analyzes the Laser Grooving Equipment for Semiconductor 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 Laser Grooving Equipment for Semiconductor market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Laser Grooving Equipment for Semiconductor 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 Laser Grooving Equipment for Semiconductor 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 (Units), revenue generated, and market share of different by Type (e.g., 8 Inch, 12 Inch).

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 Laser Grooving Equipment for Semiconductor market.

Regional Analysis: The report involves examining the Laser Grooving Equipment for Semiconductor 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 Laser Grooving Equipment for Semiconductor market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Laser Grooving Equipment for Semiconductor:

Company Analysis: Report covers individual Laser Grooving Equipment for Semiconductor 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 Laser Grooving Equipment for Semiconductor. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Semiconductor Wafer, Solar Cells).

Technology Analysis: Report covers specific technologies relevant to Laser Grooving Equipment for Semiconductor. It assesses the current state, advancements, and potential future developments in Laser Grooving Equipment for Semiconductor areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Laser Grooving Equipment for Semiconductor 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

Laser Grooving Equipment for Semiconductor 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

8 Inch

12 Inch

Others

Market segment by Application

Semiconductor Wafer

Solar Cells

Major players covered

DISCO

ASMPT

EO Technics

Wuhan Dr Laser Technology

Delphi Laser

Synova

Suzhou Maxwell Technologies

Suzhou Lumi Laser Technology

Han's Laser Technology

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 Laser Grooving Equipment for Semiconductor product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Laser Grooving Equipment for Semiconductor, with price, sales, revenue and global market share of Laser Grooving Equipment for Semiconductor from 2019 to 2024.

Chapter 3, the Laser Grooving Equipment for Semiconductor competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Laser Grooving Equipment for Semiconductor 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 Laser Grooving Equipment for Semiconductor 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 Laser Grooving Equipment for Semiconductor.

Chapter 14 and 15, to describe Laser Grooving Equipment for Semiconductor sales channel, distributors, customers, research findings and conclusion.

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