

Semiconductor Manufacturing Equipment Market: Trends, Opportunities and Competitive Analysis [2023-2028]

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Abstracts

Semiconductor Manufacturing Equipment Market Trends and Forecast

The future of the global semiconductor manufacturing equipment market looks promising with opportunities in assembly and packaging, dicing, metrology, bonding, and water testing end equipment. The global semiconductor manufacturing equipment market is expected to reach an estimated \$143.9 billion by 2028 with a CAGR of 8.3% from 2023 to 2028. The major drivers for this market are growing demand for advanced electronics, increasing adoption of innovative technologies, such as artificial intelligence & blockchain, and rising trend of miniaturization of semiconductor components.

A more than 150-page report is developed to help in your business decisions. A sample figure with some insights is shown below.

Semiconductor Manufacturing Equipment Market by Segment

The study includes trends and forecast for the global semiconductor manufacturing equipment market by dimension, product type, end equipment, fab facility equipment and region as follows:

Semiconductor Manufacturing Equipment Market by Dimension [Value (\$B) Shipment Analysis from 2017 to 2028]:

2D ICs

2.5D ICs

3D ICs

Semiconductor Manufacturing Equipment Market by Product Type [Value (\$B)
Shipment Analysis from 2017 to 2028]:

Memory

Foundry

Logic

MPU

Discrete

Analog

MEMS

Others

Semiconductor Manufacturing Equipment Market by End Equipment: [Value (\$B)
Shipment Analysis from 2017 to 2028]:

Assembly and Packaging

Dicing

Metrology

Bonding

Water Testing

Semiconductor Manufacturing Equipment Market by Fab Facility Equipment: [Value

(\$B) Shipment Analysis from 2017 to 2028]:

Automation Equipment

Chemical Control Equipment

Gas Control Equipment

Others

Semiconductor Manufacturing Equipment Market by Region [Value (\$B) Shipment Analysis from 2017 to 2028]:

North America

Europe

Asia Pacific

The Rest of the World

List of Semiconductor Manufacturing Equipment Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities R&D investments infrastructural development and leverage integration opportunities across the value chain. With these strategies, semiconductor manufacturing equipment companies cater to increasing demand ensure competitive effectiveness develop innovative products & technologies reduce production costs and expand their customer base. Some of the semiconductor manufacturing equipment companies profiled in this report include-

Tokyo Electron

Lam Research

SCREEN Holdings

Teradyne

Advantest

Semiconductor Manufacturing Equipment Market Insights

Lucintel forecasts that memory will remain the largest product type segment over the forecast period due to increasing demand of electric vehicles and autonomous vehicles.

3D ICs are expected to remain the largest dimension type segment due to growing demand of miniaturization for portable hand-held devices, like cell phones and personal digital assistant.

APAC will remain the largest region due to the continuous developments in the semiconductor industry and growing demand of chips used in high performance computing devices.

Features of the Semiconductor Manufacturing Equipment Market

Market Size Estimates: Semiconductor manufacturing equipment market size estimation in terms of value (\$B)

Trend and Forecast Analysis: Market trends (2017-2022) and forecast (2023-2028) by various segments and regions.

Segmentation Analysis: Semiconductor manufacturing equipment market size by various segments, such as dimension, product type, end equipment, fab facility equipment and region

Regional Analysis: Semiconductor manufacturing equipment market breakdown by North America Europe Asia Pacific and the Rest of the World.

Growth Opportunities: Analysis on growth opportunities in different dimensions, product types, end equipment, fab facility equipment, and regions for the semiconductor manufacturing equipment market.

Strategic Analysis: This includes M&A new product development and competitive landscape for the semiconductor manufacturing equipment market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the semiconductor manufacturing equipment market size?

Answer: The global semiconductor manufacturing equipment market is expected to reach an estimated \$143.9 billion by 2028.

Q2. What is the growth forecast for semiconductor manufacturing equipment market?

Answer: The global semiconductor manufacturing equipment market is expected to grow with a CAGR of 8.3% from 2023 to 2028.

Q3. What are the major drivers influencing the growth of the semiconductor manufacturing equipment market?

Answer: The major drivers for this market are growing demand for advanced electronics, increasing adoption of innovative technologies, such as artificial intelligence & blockchain, and rising trend of miniaturization of semiconductor components.

Q4. What are the major segments for semiconductor manufacturing equipment market?

Answer: The future of the semiconductor manufacturing equipment market looks promising with opportunities in assembly and packaging, dicing, metrology, bonding, and water testing end equipment.

Q5. Who are the key semiconductor manufacturing equipment companies?

Answer: Some of the key semiconductor manufacturing equipment companies is as follows:

Tokyo Electron

Lam Research Corporation

SCREEN Holdings

Teradyne

Advantest

Q6. Which semiconductor manufacturing equipment segment will be the largest in future?

Answer: Lucintel forecasts that memory will remain the largest product type segment over the forecast period due to increasing demand of electric vehicles and autonomous vehicles.

Q7. In semiconductor manufacturing equipment market which region is expected to be the largest in next 5 years?

Answer: APAC will remain the largest region due to the continuous developments in the semiconductor industry and growing demand of chips used in high performance computing devices.

Q8. Do we receive customization in this report?

Answer: Yes Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1. What are some of the most promising high-growth opportunities for the global semiconductor manufacturing equipment market by dimension (2D ICs 2.5D ICs, and 3D ICs) product type (memory, foundry, logic, MPU, discrete, analog, MEMS, and others) end equipment (assembly and packaging, dicing, metrology, bonding and water testing) fab facility equipment (automation equipment, chemical control equipment, gas control equipment, and others), and region (North America Europe Asia Pacific and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges

and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last five years and what has its impact been on the industry?

For any questions related to semiconductor manufacturing equipment market or related to semiconductor manufacturing equipment companies, semiconductor manufacturing equipment market size, semiconductor manufacturing equipment market share, semiconductor manufacturing equipment analysis, semiconductor manufacturing equipment market growth, semiconductor manufacturing equipment market research, write Lucintel analyst at email: helpdesk@lucintel.com we will be glad to get back to you soon.

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