

Global Automated Double-Sided Exposure Machine Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Automated Double-Sided Exposure Machine market size is expected to reach \$ 472 million by 2032, rising at a market growth of 7.6% CAGR during the forecast period (2026-2032).

In 2025, global production of automated double-sided exposure machines is expected to reach approximately 1,480 units, with an average selling price of around USD 188,000 per unit. An automated double-sided exposure machine is a high-precision device used in the manufacturing of printed circuit boards (PCB) and flexible printed circuits (FPC), capable of simultaneously exposing both sides of the PCB/FPC to ensure high-precision alignment and consistency of circuit patterns. Utilizing automated robotic arms and high-precision optical systems, the machine enables synchronized double-sided exposure, enhancing production efficiency and yield. It is widely used in consumer electronics, communication devices, automotive electronics, and medical electronics, serving as a critical production asset for high-end PCB/FPC manufacturers. Currently, the market for automated double-sided exposure machines is exhibiting stable growth, driven mainly by high-end PCB/FPC manufacturers. The market is highly concentrated, with high-precision optical systems, automated robotic arms, and alignment accuracy control forming core competitive advantages. In terms of trends, the industry is moving toward higher precision, greater automation, lower energy consumption, and higher throughput, while maintaining equipment stability and ease of maintenance. Market perspectives suggest that with the rapid growth of 5G communication, smart terminals, and electrification of new energy vehicles, high-performance double-sided exposure machines will continue to maintain high market value, and their importance in advanced electronics manufacturing is irreplaceable. This report studies the global Automated Double-Sided Exposure Machine production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Automated

Double-Sided Exposure Machine and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Automated Double-Sided Exposure Machine that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Automated Double-Sided Exposure Machine total production and demand, 2021-2032, (Units)

Global Automated Double-Sided Exposure Machine total production value, 2021-2032, (USD Million)

Global Automated Double-Sided Exposure Machine production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)

Global Automated Double-Sided Exposure Machine consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: Automated Double-Sided Exposure Machine domestic production, consumption, key domestic manufacturers and share

Global Automated Double-Sided Exposure Machine production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global Automated Double-Sided Exposure Machine production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global Automated Double-Sided Exposure Machine production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global Automated Double-Sided Exposure Machine 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 Nikon Corporation, Canon, TAIWAN KONG KING CO., LTD., SEIWA OPTICAL, Altix, McLantis Technology, SEIMYUNG VACTRON, KLA Corporation, San-Ei Giken, Japan Science Engineering, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Automated Double-Sided Exposure Machine market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (USD/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the

forecast year.

Global Automated Double-Sided Exposure Machine Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Automated Double-Sided Exposure Machine Market, Segmentation by Type:

Fully Automatic

Semi Automatic

Global Automated Double-Sided Exposure Machine Market, Segmentation by Light Source Type:

UV Lamp Exposure Machine

LED UV Exposure Machine

Global Automated Double-Sided Exposure Machine Market, Segmentation by Substrate Size:

Mini FPC Exposure Machine

Medium FPC Exposure Machine

Large FPC Exposure Machine

Global Automated Double-Sided Exposure Machine Market, Segmentation by Application:

Semiconductor Device

PCB

LCD

Microelectronics Manufacturing

Others

Companies Profiled:

Nikon Corporation

Canon

TAIWAN KONG KING CO., LTD.

SEIWA OPTICAL

Altix

McLantis Technology

SEIMYUNG VACTRON

KLA Corporation

San-Ei Giken

Japan Science Engineering

ORC MANUFACTURING

Toray Engineering

GROUP UP Industrial

Adtec Engineering

U-GREAT

Zheng Kai Electrical Technology

GIS Tech

Meyer Burger Technology AG

Key Questions Answered:

1. How big is the global Automated Double-Sided Exposure Machine market?
2. What is the demand of the global Automated Double-Sided Exposure Machine market?
3. What is the year over year growth of the global Automated Double-Sided Exposure Machine market?
4. What is the production and production value of the global Automated Double-Sided Exposure Machine market?
5. Who are the key producers in the global Automated Double-Sided Exposure Machine market?
6. What are the growth factors driving the market demand?

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