

Global Blue Film Braid Machine Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Blue Film Braid Machine market size was valued at US\$ 97 million in 2025 and is forecast to a readjusted size of US\$ 199 million by 2032 with a CAGR of 10.7% during review period.

In 2025, global sales of Blue Film Braid Machine reached approximately 350 units, with an average global market price of about USD 270,000 per unit. The gross margin of major manufacturers in the industry was approximately 30%-42%.

Blue Film Braid Machine is an automated equipment used in the back-end process of semiconductor packaging and testing. It mainly transfers bare dies, LED chips, wafer-level packaged chips and other products attached to blue film or wafer rings into carrier tape through visual positioning, pick-and-place transfer, inspection, sorting and tape packaging, and finally packages them into reel form. The equipment usually features high-precision pick-and-place, chip orientation correction, appearance inspection, defect rejection and tape-and-reel packaging capabilities. Key performance indicators include compatible wafer size, taping efficiency, pick-and-place accuracy, inspection capability and yield control.

The upstream of Blue Film Braid Machine mainly includes motion control systems, vision inspection systems, precision mechanical structures, nozzle modules, pneumatic components, sensors, carrier tape and cover tape feeding systems, and industrial software. The midstream covers equipment design, assembly, commissioning and process adaptation. Downstream applications mainly include LED optoelectronic devices, wafer-level packaged chips, power RF semiconductors, MEMS sensors and other small semiconductor devices. Its value is mainly reflected in high-speed and high-

precision pick-and-place, stable inspection and sorting, low-damage transfer and compatibility with multiple incoming material specifications.

This report is a detailed and comprehensive analysis for global Blue Film Braid Machine market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type 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.

Key Features:

Global Blue Film Braid Machine market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Blue Film Braid Machine market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Blue Film Braid Machine market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Blue Film Braid Machine market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2021-2026

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 Blue Film Braid Machine

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 Blue Film Braid Machine 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 UENO SEIKI, YAC Garter, M?hlbauer, Semiconductor Technologies & Instruments, KLA, V-TEK, Pentamaster, MMSIS, Suzhou Huansun Semitech, Shenzhen Biaopu Semiconductor, etc.

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

Market Segmentation

Blue Film Braid Machine market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Turret Type

Linear Type

Gantry Type

Market segment by Compatible Wafer Size

6-Inch

8-Inch

12-Inch

Market segment by Application

LED Optoelectronic Device

Wafer-Level Packaged Bare Die

Power RF Semiconductor

MEMS Sensor

Other

Major players covered

UENO SEIKI

YAC Garter

Mühlbauer

Semiconductor Technologies & Instruments

KLA

V-TEK

Pentamaster

MMSIS

Suzhou Huansun Semitech

Shenzhen Biaopu Semiconductor

Tec-Pho

Suzhou Huayu Semiconductor 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 Blue Film Braid Machine product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Blue Film Braid Machine, with price, sales quantity, revenue, and global market share of Blue Film Braid Machine from 2021 to 2026.

Chapter 3, the Blue Film Braid Machine competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Blue Film Braid Machine breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

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 2021 to 2026. and Blue Film Braid Machine market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

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 Blue Film

Braid Machine.

Chapter 14 and 15, to describe Blue Film Braid Machine sales channel, distributors, customers, research findings and conclusion.

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