

# Global Double Head Die Bonder Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Double Head Die Bonder market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Double-head die bonder is a kind of equipment used to fix and package electronic components. It is commonly used in the semiconductor industry, especially during the packaging of integrated circuits (ICs). The double-head die bonder has two working heads, each with a thermal head and a cooling head. During the operation, the electronic components (such as chips, wafers, etc.) are first placed on the substrate (such as a PCB board), and then the substrate is placed on the workbench of the die bonder. Next, the working head applies heat, pressure and cooling simultaneously, firmly affixing the electronic components to the substrate. The thermal head is heated to a temperature that melts the solder or other bonding material and bonds the electronic component to the substrate. The cooling head will quickly reduce the temperature, so that the solder or adhesive material can be solidified quickly, so as to ensure the firmness and stability of the fixing. The double-head die bonder has the characteristics of high precision and high efficiency, can realize the precise die bond process, and can handle multiple packaging tasks at the same time to improve production efficiency. It is widely used in the semiconductor packaging industry for the manufacture of various electronic devices and products such as mobile phones, computers, televisions, etc.

This report studies the global Double Head Die Bonder production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Double Head Die Bonder, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and

competition, as well as details the characteristics of Double Head Die Bonder that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Double Head Die Bonder total production and demand, 2018-2029, (Units)

Global Double Head Die Bonder total production value, 2018-2029, (USD Million)

Global Double Head Die Bonder production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Double Head Die Bonder consumption by region & country, CAGR, 2018-2029 & (Units)

U.S. VS China: Double Head Die Bonder domestic production, consumption, key domestic manufacturers and share

Global Double Head Die Bonder production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Units)

Global Double Head Die Bonder production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Double Head Die Bonder production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units).

This reports profiles key players in the global Double Head Die Bonder 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 ASM Pacific Technology, Kulicke & Soffa, Palomar Technologies, Hesse Mechatronics, F&K Delvotec, Shinkawa, TPT Wire Bonder, West-Bond and Hybond, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Double Head Die Bonder market.

## Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

## Global Double Head Die Bonder Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

## Global Double Head Die Bonder Market, Segmentation by Type

Hot-Press Double-Head Die Bonder

Ultrasonic Double-Head Die Bonder

Laser Double Head Die Bonder

## Global Double Head Die Bonder Market, Segmentation by Application

Semiconductor Industry

LED Industry

PV Industry

Others

Companies Profiled:

ASM Pacific Technology

Kulicke & Soffa

Palomar Technologies

Hesse Mechatronics

F&K Delvotec

Shinkawa

TPT Wire Bonder

West-Bond

Hybond

Mech-EI Industries

Dage Precision Industries

Finetech

MPP

Toray Engineering

## ESEC

### Key Questions Answered

1. How big is the global Double Head Die Bonder market?
2. What is the demand of the global Double Head Die Bonder market?
3. What is the year over year growth of the global Double Head Die Bonder market?
4. What is the production and production value of the global Double Head Die Bonder market?
5. Who are the key producers in the global Double Head Die Bonder market?

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