

# Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Wire Wedge Bonder Equipment Market 2018, Forecast to 2023

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## Abstracts

Wedge bonding can be a great solution for performing low profile or fine pitch interconnects and is also well suited for running stitch interconnects (also known as die-to-die bonding and chain bonding), reverse bonding, and ribbon bonding.

Wedge bonding works by using a wedge bonder. A wire is passed through the wedge tool over the microchip. The capillary then settles over the area that need

## SCOPE OF THE REPORT:

This report focuses on the Wire Wedge Bonder Equipment in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. Market research analysts at QYResearch predict that the global Wire Wedge Bonder Equipment market will grow steadily during the next five years and post a CAGR of nearly 1.04% by 2022. This market research analysis identifies the increasing design complexity of semiconductor devices as one of the primary growth factors for the global Wire Wedge Bonder Equipment market. The rise in design complexities such as slimmer version, use of metallic case, and larger displays in smartphones and other electronics has reduced the space for semiconductor components. This in turn, increases the complexity of the design and the development of semiconductor devices and increases the need for new processing tools and equipment to manufacture them. Moreover, the constant introduction of new electronics such as smartphones with improved features also compels vendors to modify the manufacturing process and design new products compatible with the existing and new standards, which will subsequently propel the market's growth.

The Wire Wedge Bonder Equipment market is a part of the overall semiconductor packaging and assembly equipment market. The shift in semiconductor packaging towards 3D IC technology will intensify the competition between the IDMs and OSATs. The packaging market has a huge potential and provides several growth opportunities to IDMs and OSATs. IDMs are working on expanding into the assembly business, while the OSATs are trying to make use of this opportunity to raise the profit margins. In 2016, IDMs held the maximum market shares during 2016 and this segment is projected to continue its market dominance during the forecasted period as well. The need to increase production capacity and the need to adhere to the constant technological innovation in packaging techniques will be the major factors fueling market growth. Furthermore, the rising R&D activities and the adoption of innovative technologies by the semiconductor packaging industry, will also drive the growth of the Wire Wedge Bonder Equipment market in this end-user segment.

Wire Wedge Bonder Equipment industry is highly concentrated, manufacturers are mostly in the Europe, US and Asia. Among them, Singapore output volume accounted for more than 53.24% of the total output of global Wire Wedge Bonder Equipment in 2016. Kulicke & Soffa is the world leading manufacturer in global Wire Wedge Bonder Equipment market with the market share of 54.19%, in terms of revenue, followed by ASM Pacific Technology (ASMPT), Hesse, Cho-Onpa and F&K Delvotec Bondtechnik. It shows that the Wire Wedge Bonder Equipment market performance is positive, despite the weak economic environment.

The worldwide market for Wire Wedge Bonder Equipment is expected to grow at a CAGR of roughly 1.1% over the next five years, will reach 100 million US\$ in 2023, from 92 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Kulicke & Soffa

ASM Pacific Technology (ASMPT)

Hesse

Cho-Onpa

F&K Delvotec Bondtechnik

Palomar Technologies

DIAS Automation

West-Bond

Hybond

TPT

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Fully Automatic

Semi-automatic

Manual

Market Segment by Applications, can be divided into

Integrated Device Manufacturers (IDMs)

Outsourced Semiconductor Assembly and Test (OSAT)

There are 15 Chapters to deeply display the global Wire Wedge Bonder Equipment market.

Chapter 1, to describe Wire Wedge Bonder Equipment Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Wire Wedge Bonder Equipment, with sales, revenue, and price of Wire Wedge Bonder Equipment, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Wire Wedge Bonder Equipment, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Wire Wedge Bonder Equipment market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

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