

2023.6.21 News Release

**Received large orders for “Wafer Handling System“
for 2.5D/3D Stacking Packages and Fan-Out packages**

We, AIMECHATEC, Ltd. (Head Office: Koyodai, Ryugasaki-shi, Ibaraki-pref. President: Isao Abe) are pleased to announce that we received large orders for “Wafer Handling System” from a major OSAT (Outsourced Semiconductor Assembly and Test) company for the first time after taking over the Process Equipment Business.

Semiconductor companies have been competing with each other for miniaturization and integration, but lithography in the front-end process is approaching its physical limits, so development in the packaging process in the back-end process is becoming more active. On the other hand, demand for high performance, ultra-high speed, and low power consumption is increasing year by year due to the continuous growth of 5G, IoT servers, high-performance computers, and the autonomous driving market. These backgrounds and needs are driving the three-dimensional mounting (2.5D and 3D) and fan-out semiconductor package markets, and demands and improvements for further thinning and stacking are being demanded.

Our wafer handling system equipment is one of the important processes for thinning and stacking, and at the same time, stable quality is required. We propose a high-performance wafer handling system that can meet the lead time by combining the process technology of removing the support glass from the wafer after temporary bonding and thinning, which we have cultivated over many years, and our manufacturing capabilities. As a result, we received high evaluations from several major OSAT companies, leading to large-scale orders. Currently, we have received many inquiries from overseas companies. There is a strong need for high quality and a high yield rate, and our equipment that can improve the yield rate are considered to be adopted..

We will continue to contribute to the society by improving convenient and affluent lifestyle through our technological innovations for manufacturing processes.
Your continued kind support to our company is sincerely appreciated.

Contact:

AIMECHATEC, Ltd.

Sales Dept. TEL:0297-62-9119

<https://www.ai-mech.com/>