

Via Mechanics, Ltd. PCB Laser Drilling Machine Launch Announcement
Achieving high-precision and high-productivity for a new generation of PCB processing

On 20th Jun 2016 Via Mechanics ,Ltd., regarded as the leading PCB processing machine maker, is proud to announce the official launch of a new laser drilling machine: the LC-4NT252 for high-end PCB packages.

【Development background】

There is a great need for super high precision processing which clearly differentiates from the previous PCB drilling hole technology due to the rapid progress and development of parts used in high-end electrical products such as in smartphones etc.

In order to provide a solution for this new generation of technology, we are pleased to launch the LC-4NT252 onto the market – now the world’s No.1 high end machine, developed after extensive research and design using the complete combination of our capabilities.

【Feature】

1. The World’s Top Class High- Precision Machine

Achieving super high precision equal to wafer level PKG processing with the radical machine body design enhancement and advanced correction technology. Precision alignment of glass master: Ave.+4 σ \leq 8 μ m

2. The World’s Overwhelmingly Fast (20,000 holes/second) High-Productivity Machine

(180% compared to our previous model)

For Cu direct processing this is the world’s first 2 panel, 4 beam machine. Productivity has been significantly enhanced by equipping the high power laser unit and evolving the processing control through new optical path design etc.

3. Enhanced stability of accuracy

Managing both super high precision and long hour stability by optimizing various factors for the processing stability, from the high stiffness body design to key parts as in laser unit, galvano mirror etc.

4. Assistance for selecting the processing condition

Equipped with a function that automatically creates the optimum processing condition and advises the user from the machine side with our state of the art software that has been accumulated from our many years of experience and processing know-how.



New Laser Drilling Machine LC-4NT252

To respond in various ways to rapidly evolving PCB processing, we are planning on releasing another 2 models which will be new products during FY2016.

Please continue to follow our evermore “state of the art” technology announcements.

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