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Hanwha Picks Up Another Award for XM520F Multi-Functional Mounter

CYPRESS, CALIFORNIA – October 2024 – Hanwha Techwin Automation Americas, Hanwha Precision Machinery's North America branch office, is proud to announce that its XM520F Multi-Functional Mounter has been awarded the 2024 Global Technology Award in the category of Pickand-Place - Low/Medium Volume. The award was announced at a Wednesday, Oct. 22, 2024 ceremony during SMTA International.

The Hanwha Techwin XM520F Multi-Functional Mounter is distinguished by its exceptional versatility, capable of handling both Surface-Mount Device (SMD) components and through-hole components with ease. Equipped with & variety of nozzles and grippers, the XM520F is engineered to manage a diverse range of odd-type components, making it an ideal solution for manufacturers with varied production needs. Its ability to handle an extensive array of component types—including tape, stick, tray, bulk, radial, and axial components—demonstrates the XM520F's innovative design and superior engineering.



The XM520F delivers outstanding performance, with an optimum throughput of 30,000 Components Per Hour (CPH) and 8,800 CPH when utilizing laser-light and gripper technology. This impressive speed not only enhances productivity but also reduces cycle times, allowing manufacturers to achieve greater efficiency in their operations.

Mark Choi, Vice President of Sales (USA & Canada) at Hanwha Techwin stated: "We are incredibly honored to receive the Global Technology Award for our XM520F Multi-Functional Mounter. The XM520F's versatility, speed, and precision make it an invaluable tool for manufacturers looking to optimize their production processes."

Quality is a cornerstone of the XM520F's design. The mounter's advanced component handling capabilities ensure precise placement of components ranging from metric 0603 chips to larger components up to 150x75mm in size, 55mm in height, and weighing up to 300g. The XM520F's force control, with a maximum of 100N, allows for delicate handling of components, minimizing

the risk of damage and ensuring high placement accuracy. Additionally, the integration of laser lighting and backlighting technologies enhances the recognition of components with irregular surfaces or semi-transparent materials, further contributing to the system's exceptional placement accuracy and quality.

Since 2005, the prestigious Global Technology Awards have recognized the absolute best new innovations in the printed circuit assembly and packaging industries. It brings together the global SMT and advanced packaging industry in a celebration of the companies and people that are achieving the highest standards and driving our industry forward. For more information, visit <u>www.globalsmt.net</u>.

Hanwha Techwin's revolutionary technologies redefine the landscape of PCB assembly, making it possible to produce more in less time and space, with reduced investment. More information is available at <u>www.hanwha-pm.com</u>.

About Hanwha Techwin Automation Americas, Inc.

Hanwha Techwin Automation Americas, Inc. is Hanwha Precision Machinery's official branch office covering America continents including Canada, USA and Mexico. As a leading global provider of precision manufacturing and technology solutions, Hanwha Techwin Automation Americas is renowned for its innovative approach and cutting-edge technology. Hanwha Techwin Automation Americas is committed to driving advancements in the electronic wanufacturing industry, supporting manufacturers worldwide in their pursuit of global competitiveness.

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