

FOR IMMEDIATE RELEASE

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Dorigo Systems Expands Its High-complexity, High-mix EMS Services

The Panasonic NPM-W provides high speed assembly with advanced manufacturing capabilities

February 03, 2015 – Vancouver, BC, Canada – Dorigo Systems Ltd, one of the Pacific Northwest’s leading contract manufacturers of Printed Circuit Board Assemblies (PCBA), has added Panasonic’s NPM-W modular placement machines to their newest SMT assembly line. The new machines are specifically customized to provide advanced manufacturing capabilities and increased throughput.

The upgraded line includes four new Panasonic NPM-W Series placement machines which are capable of handling large PCBs up to 750 x 550mm, components ranging from 0402 metric (01005 imperial) to 100 x 90 x 28mm tall and connector sizes up to 150 x 25mm. Features include: automatic support pin placement to ensure accurate support without damage to components on the underside of the board, a Multi-Functional Transfer Unit for flux or solder paste dip application in production of Package on Package devices; Placement Height Control Sensors to compensate for any PCB topography variance; 3D Sensors for better pick and placement of the latest component technologies and SMART feeders which allows for quick changeover, traceability and Feeder Anywhere capability.

The modular design of this new NPM-W Line can support extremely complex and high mix PCB assemblies. Each module is equipped with 2 highly versatile and flexible heads on 2 gantries with up to 16 nozzles. Very impressive placement tact time of up to 70,000 chips per hour (CPH), or 0.051 second/chip, can be achieved which results in less production time and, in turn, a lower production cost.

“We are continually investing in our infrastructure to best serve our customer’s needs,” says Mark Pillon, P.Eng., President of Dorigo Systems Ltd. “The introduction of the Panasonic NPM-W Series ensures we can exceed current manufacturing requirements and be well positioned for our future growth.”

Dorigo Systems is a full turnkey solutions provider that has the expertise and resources to handle the entire production process from sourcing components and assembling boards to final mechanical assembly, configuration management, testing and shipping of finished products to end customers.

Paul Vasvary, Business Development Manager, comments, “It is important for Dorigo to utilize the fastest and highest quality SMT equipment with the latest technological features and capabilities for the varied mix of customer projects we complete. The Panasonic NPM-W line has been tailored to our needs enabling automated features that allow for increased quality with the industry’s smallest and largest components while handling a variety of board sizes and thickness. By offering the Panasonic NPM-W technology to our growing customer base, we can provide enhanced quality, traceability and the flexibility of placing any SMT component our customers’ specify.”

Discover how Dorigo has been consistently delivering exceptional customer satisfaction since 1988 at www.dorigo.com.

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About Dorigo Systems Ltd.

Dorigo Systems is an Electronics Manufacturing Services (EMS) provider and one of the Pacific Northwest’s leading contract manufacturers of Printed Circuit Board Assemblies (PCBA), serving some of the most respected OEM’s in the industry. Since 1988, Dorigo has been a full turnkey solutions provider, handling the entire production process from sourcing components and building boards to the final assembly, configuration management, testing and shipping of finished products to customers. Discover the Dorigo Advantage at www.dorigo.com or calling 604-294-4600. Follow us on LinkedIn and Twitter @DorigoSystems.