

# NEWS RELEASE

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## Yamaha Robotics and CeTaQ Americas to Present “Accuracy We Can Prove” at APEX 2025

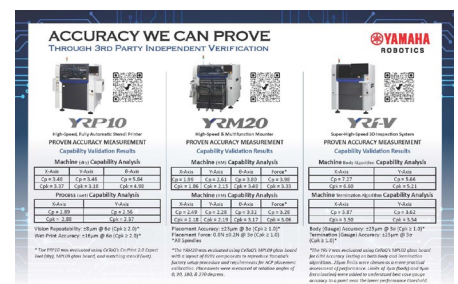
Marietta, Georgia, U.S.A. – Yamaha Motor Corporation U.S.A. Robotics Division and CeTaQ Americas have collaborated to present “Accuracy We Can Prove” at APEX 2025 in Anaheim California, March 18 – 20<sup>th</sup>. As with all new product releases, the Yamaha “YR Series” has undergone significant improvements relative to speed and accuracy over their previous models. Now, with the help of CeTaQ Americas, they have independent 3<sup>rd</sup> party verification to prove it.

### YRP10 Printer Verification

The Yamaha YRP10 Printer was tested for the following published specifications:

- **Vision Repeatability:  $\pm 8\mu\text{m}$  @  $6\sigma$  (Cpk  $\geq 2.0$ )**
- **Wet-Print Accuracy:  $\pm 16\mu\text{m}$  @  $6\sigma$  (Cpk  $\geq 2.0$ )**

All tests confirmed Cpk values well above the 2.0 threshold, proving the YRP10 as ***the most accurate and repeatable stencil printer on the market.***



### YRM20 Mounter Verification

The YRM20 Surface Mounter was tested at the following published specifications:

- **Placement Accuracy:  $\pm 25\mu\text{m}$  @  $3\sigma$  (Cpk  $\geq 1.0$ )**
- **Placement Force:  $0.8\text{N} \pm 0.2\text{N}$  @  $3\sigma$  (Cpk  $\geq 1.0$ ) \*All Spindles**

All tests confirmed Cpk values well above the 1.0 threshold at  $\pm 25\mu\text{m}$ .

### YRiV AOI Verification

The YRiV Automated Optical Inspector (AOI) was tested at the following published specifications:

- **Body (Gauge) Accuracy:  $\pm 25\mu\text{m}$  @  $3\sigma$  (Cpk  $\geq 1.0$ )\***
- **Termination (Gauge) Accuracy:  $\pm 25\mu\text{m}$  @  $3\sigma$  (Cpk  $\geq 1.0$ )\***

All tests confirmed Cpk values well above the 2.0 threshold at  $\pm 25\mu\text{m}$ .

All three machines will be showcased in Yamaha’s APEX2025 Booth # 1828 in the Anaheim Convention Center from March 18<sup>th</sup> – 20<sup>th</sup>. CeTaQ will be on hand to explain the testing methodology and results as well.

### 1 STOP SMART SOLUTION

These machines form the core of Yamaha Robotics' 1 STOP SMART SOLUTION, which comprises Yamaha's YRP printers, YSiSP Solder Paste Inspectors, YRM-D dispensers, YRM mounters, and YRi-V inspection systems. The 1-STOP SMART SOLUTION lets users configure a complete SMT assembly line from Yamaha, unified with a common software platform and smart tools that ensure superior flexibility, quality, and productivity.



**Yamaha Robotics' One Stop Smart Solution Line.**

### About Yamaha USA Robotics

Yamaha Motor Robotics, U.S.A., a division of Yamaha Motor Corporation, USA offers a comprehensive lineup of high-speed, high-precision SMT equipment for PCB assembly and electronics manufacturing. This includes SCARA Robots & Linear Conveyor Modules (LCM) for advanced manufacturing. Yamaha is one of the few manufacturers providing a fully integrated SMT solution, covering solder paste printing, SPI, component placement, and pre- and post-reflow AOI. Yamaha's One Stop Smart Solution leverages M2M communication, smart manufacturing, IoT, AI, and data driven production systems delivering seamless automation and Industry 4.0 readiness.

Yamaha Motor Corporation, USA, with core technologies in mobility, power and control systems, supports a diverse product portfolio, including motorcycles, side-by-sides, ATVs, marine products, power equipment, and golf carts.

Yamaha Motor Co., Ltd. maintains a global sales and service network across the Americas, Asia/Oceania, Europe, Africa, and Japan, ensuring best-in-class support and a commitment to innovation in manufacturing, automation, and mobility solutions.

### About CeTaQ Americas

CeTaQ Americas is located in Manchester, NH. CeTaQ is the world leader in 3rd party machine and process capability testing on SMT manufacturing equipment. Our philosophy is quality optimization in SMT is best achieved through providing comprehensive on-site services for PEOPLE, PROCESS, and EQUIPMENT optimization. Through detailed process consulting audits, measuring critical-to-quality machine capabilities, and on-site IPC, SMT Process & Hand Solder training, we identify improvement areas to enhance manufacturing quality by independent quality optimization Experts

Our focus is on optimizing processes to reduce maintenance costs, aid investment decisions, ensure capability for customers, and boost overall effectiveness. Using data-driven decision approaches, we implement quality focused optimizations to elevate efficiency and profitability. #GetCeTaQCertified

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