

MARPOSS



Marposs Demonstrates Unattended Machining at IMTS 2026

At IMTS 2026, Marposs will demonstrate its intelligent manufacturing technologies on a FANUC ROBODRILL, showcasing how machine protection, in-process measurement, and process control work together to improve machining reliability and efficiency. The continuous demonstration will run throughout the show, allowing visitors to see Marposs solutions applied across a range of machining applications.

The FANUC ROBODRILL will feature a broad portfolio of Marposs technologies, including MUPS, ML3G, VTS, GEMCMS, GEM CPU, GEM RO, QuickSPC, and T25P. Among the demonstrations featured on the machine, Marposs will highlight its **Lights-Out Manufacturing package**, featuring GEMCMS, MUPS, and QuickSPC. Together, these solutions demonstrate how manufacturers can enhance automated production through machine protection, in-process inspection, and closed-loop process control.

As part of the demonstration, GEMCMS (Genior Modular Collision Monitoring System) will simulate a collision event on the workpiece to showcase its ability to detect abnormal machine deformation in less than one millisecond. By identifying both impact and non-impact collisions, GEMCMS helps protect machine tools, reduce downtime, and increase confidence in unattended operations.

The demonstration will also feature MUPS (Marposs Ultra Probing System), which will inspect a turbine blade directly on the machine using Ultra-Wideband wireless technology. The measurement data collected by MUPS is then used by QuickSPC software to automatically update machine offsets, compensating for tool wear and process changes to help maintain consistent part quality.

Together, GEMCMS, MUPS, and QuickSPC demonstrate how Marposs enables smarter production by helping machines protect themselves, verify results, and maintain process stability with minimal operator intervention.

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Visit Marposs at IMTS 2026, located in East Hall, Level 3 in booth# 134324 to discover how Lights-Out Manufacturing can help your operation increase productivity, improve quality, and maximize machine utilization, 24 hours a day, 7 days a week.

ABOUT MARPOSS

MARPOSS was founded in 1952 and Mr. Francesco Possati is the President of the Group; it provides shop-floor solutions for measurement, inspection and testing in the production environment. Marposs' solutions include gauging equipment of mechanical components, before, during and after the production process; monitoring solutions on machine tools; assembly and testing for many industry sectors; and automatic machines and inspection stations for production lines. MARPOSS is one of the main suppliers to the automotive industry providing solutions for both traditional and electric mobility but additionally operates in the aerospace, biomedical, hi-tech, white appliance, and glass containers industries. MARPOSS Group employs 3200 people around the world and is present in 34 countries with more than 80 sales offices.