



Marposs Introduces "Lights-Out Manufacturing" Theme for IMTS 2026

At IMTS 2026, Marposs will showcase its "Lights-out Manufacturing" theme. As manufacturers continue to face a growing shortage of skilled operators, the demand for automation and autonomous production has never been greater. Marposs will demonstrate how intelligent process control, measurement, and machine protection technologies can help manufacturers run smarter, longer, and with greater confidence, even when no one is watching.

Lights-out manufacturing requires more than automation alone. It demands systems capable of monitoring, adjusting, and protecting the machining process without operator intervention. Marposs delivers this capability through a suite of integrated solutions designed to keep production running accurately, safely, and efficiently around the clock.

At the heart of the solution are Marposs touch probes and tool setters, which continuously verify workpiece dimensions and monitor tool condition directly on the machine tool. When process variation is detected, Marposs QuickSPC software automatically updates machine offsets in real time, compensating for tool wear and maintaining part quality throughout the production cycle. The result is a self-correcting manufacturing process that consistently produces parts within specification.

For unattended operation, machine protection is equally critical. Marposs' Collision Monitoring System (CMS) continuously monitors machine behavior and detects abnormal conditions that may indicate an impending crash. By responding instantly to unusual events, CMS helps mitigate costly machine damage, reduce downtime, and protect valuable production assets.

Together, these technologies transform conventional machine tools into intelligent manufacturing systems that can monitor themselves, correct themselves, and protect themselves. Manufacturers gain the confidence to extend production into nights, weekends, and periods between shifts while reducing dependence on scarce skilled labor.

MARPOSS



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.