

# COMPLEX PARTS MANUFACTURING ASSEMBLY & TEST

## CAPABILITIES

### THE PROCESS CONTROL YOU NEED – THE QUALITY YOUR CUSTOMERS EXPECT

SYSTEMATIX is the automation partner who understands your business. With decades of experience engineering and integrating automation systems for automotive, aerospace, and industrial product manufacturers, we have delivered hundreds of complex assembly and test systems.

#### THE SYSTEMATIX ADVANTAGE



Our many repeat customers have told us what they look for in an automation integrator, and it's the same reason they keep coming back – solid engineering, on-time delivery and reliable machines.

As a full service automation integrator, we'll help you succeed at any phase of your production lifecycle from a proof of principle study for a new product or process, to a semi-automated system designed for production scale-up, or a fully automated assembly and test system.

#### COMPLEX ASSEMBLY



The expertise we have gained from working with a range of manufacturers gives our customers a competitive edge in complex assembly processes such as:

- Gasket & seal insertion
- Fastening
- Pressing
- Perimeter bolt (AxiRad) install
- Dispensing
- Part marking
- Part feed systems

#### INLINE QUALITY MANAGEMENT

With the right error proofing, test and monitoring systems applied to your critical processes, you can be confident in the quality of your products and data.

SYSTEMATIX has experience with leading test hardware and software including:

- Vision inspection
- Gaging
- Continuity test
- Press force, torque & angle monitoring
- Part track and trace
- Leak and flow testing

All this combined with our own SPMX process monitoring software, data collection and reporting tools delivers a powerful quality management system.



*See more on reverse...*

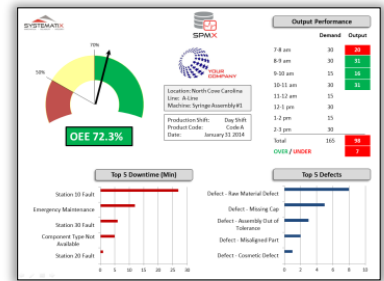
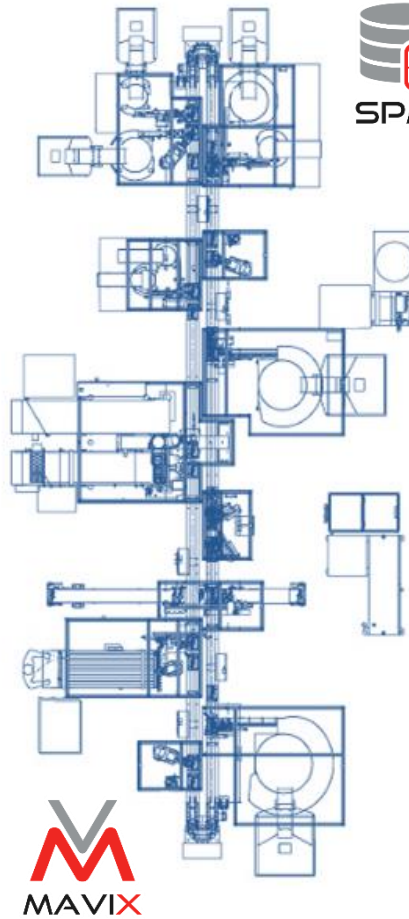
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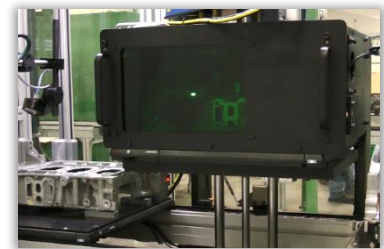
### THE PROCESS CONTROL YOU NEED – THE QUALITY YOUR CUSTOMERS EXPECT

With increasing quality demands from manufacturers to eliminate “pass-through” characteristics, you need assembly and test systems that build in quality at every level.

From error proofing manual operations, and inline test of automated processes, to process monitoring and report management for audits and product recalls, the experts at SYSTEMATIX will deliver a system that is an extension of your quality management program.



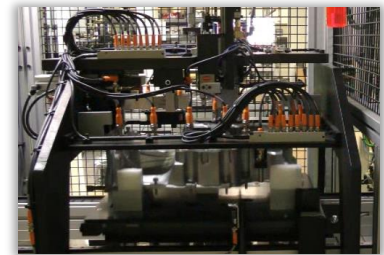
Process Monitoring



Laser Marking



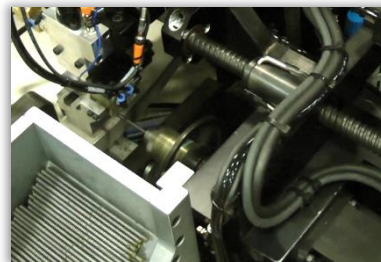
Vision Inspection



Assembly Check



Pre-inspect Incoming Parts



Monitor Torque, Angle & Press



Leak Test



Send us your RFQ or product samples and our experts can recommend a solution that will work for you.

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