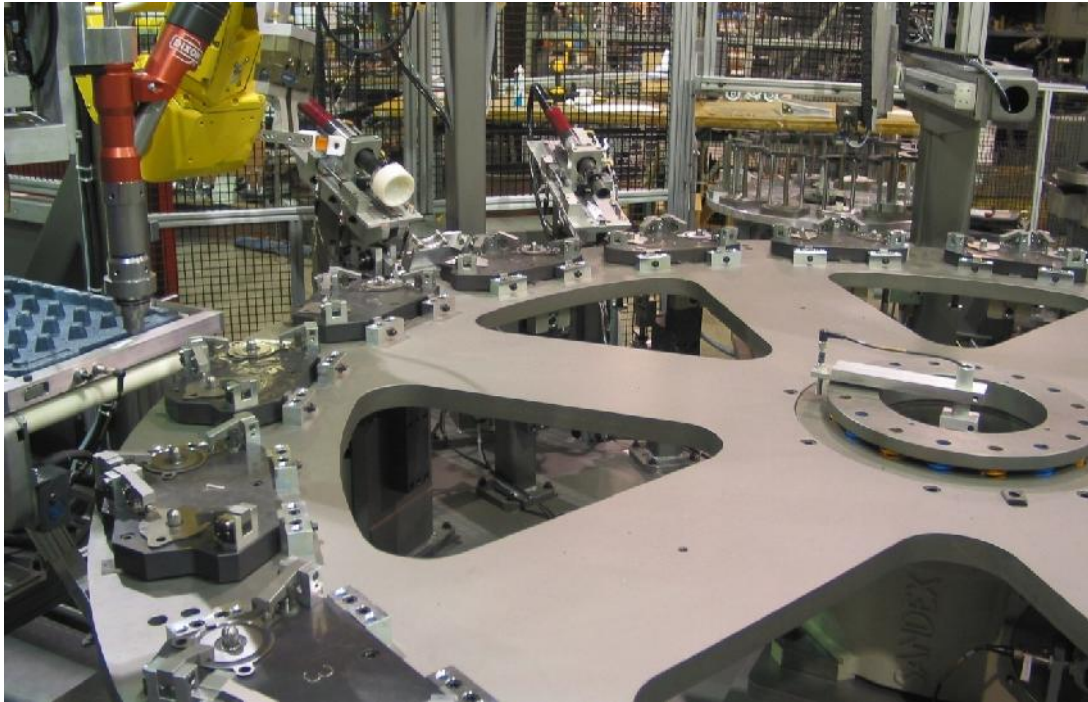


## OIL FILTER ASSEMBLY



*Material Handling  
Automated Assembly  
Turnkey Systems*

This system assembles an oil filter adapter assembly through a series of operations performed on a 14 foot diameter indexing dial. Parts are robotically loaded on a series of custom locating fixtures mounted to the dial. Process stations include inbound leak testing, gasket placing, and servo-based torque controlled nut-running. Finished assemblies are robotically unloaded and leak/flow tested for final product verification.

### **FEATURES**

- 9 second cycle time
- 100% hands-free operation
- 16 stop, 14 foot diameter dial

### **TECHNOLOGIES**

- Robotic load/unload
- Servo-based, torque controlled nut-running
- Magazine pick & place
- Leak testing
- Flow testing