

## **LTS Auto Assembly Stations**



### **Integrated rotary actuator on LTS assembly line.**

#### **Challenge:**

Auto-feed and install a handed component into an assembly with variable angular dimensions and no mechanical change-over.

#### **Solution:**

We developed a fully automated installation process with auto change-over, and a blow-fed component with no angular reference. We created a soft landing, pinpointed to the correct angle location, and inserted the component to a set height. We implemented angular location, insertion force and height checks all on the same station.

#### **Result:**

Mechanical change-over and down time was eliminated, and there was no longer a requirement for a manual operation station. The aggressive line cycle time target was exceeded by 25%.