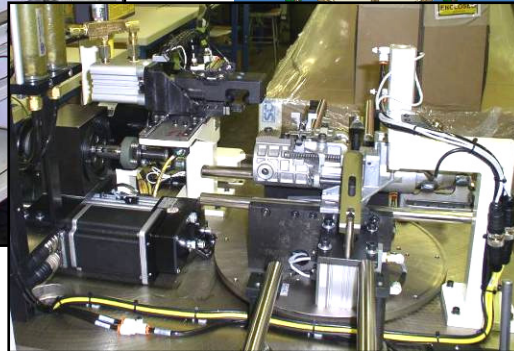
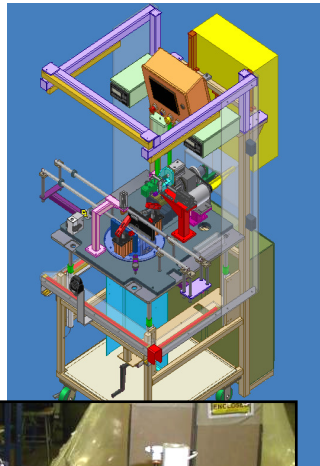




Case Study: Automation Assembly Steering Telescope Stand

OBJECTIVE: Design and manufacture an individual stand to verify specified force values to release the tilt/telescope handle and to adjust the telescope location on a final steering column assembly.



Close-Up of Tooling on Stand

- **PART:** STEERING COLUMN FINAL ASSEMBLY
- **CYCLE TIME:** 30 SEC/PART
- **KEY COMPONENTS:**
 - force transducers
 - servo drive
 - pneumatic components
 - linear guides
 - air-over-oil cylinders
 - light curtains
- **IMPROVEMENTS / ADVANTAGES:**
 - Ergonomically correct rail transfer system between stands
 - Standardized parts among 16 stands
 - Nearly half the footprint
 - Reduced motions/sequence of events
 - All details produced in house

The Telescope Set and Verify Stand incorporates many of the design elements that are utilized at PEKO on a daily basis with the development and production of specialized automation equipment. With over 40 years in the industry, PEKO continues to combine innovative problem solving with family-like customer relationships to develop reliable, robust products for a long line of repeat clients.