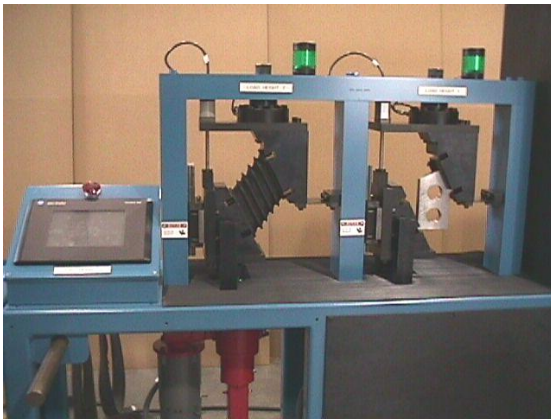

BOLSTER SPRING QC TEST SYSTEM

BOLSTER COMPRESSION & BOND INTEGRITY PRODUCTION TEST

DTE has designed and delivered a three-station audit machine to perform 100% verification of bond strength and two separate spring rates. This system is configured with three independent tests that are performed on each bolster.



The machine's initial station verifies rubber to the metal bond strength and the remaining two stations to conduct a spring rates in height & vertical load tests. It then tracks each sample through all three test areas and a label is automatically printed for each bolster that successfully passes all three tests. At the completion of each test, a visual indicator will signify part status.



A PLC control system with interface software is provided with a user friendly and intuitive operator interface.

Specifications:

- Ramp speed: 2" per minute
- Max load ball screw: 10 tons
- Load cell: 5,000 lbs.
- Hydraulic loading actuator
- PLC control with Panel View & software
- Label printer and software
- Network capability