

RUBBER DAMPER ASSEMBLY AND TESTING MACHINE



Rubber-Metal Components



Products used:



Linear Motor Actuators



Dot Peen marking unit



RFID system for
fixture detection



IO Link based Sensors



IV4 Vision Sensors



Vision Camera



Special gripper for
work holding



Easy fixture tool
changers



RED RABBIT POKA YOKA SYSTEM

DENSOTECH

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Features:

- ✓ Automatically weighs the rubber part using a Swiss-made load cell.
- ✓ Metal part Dot Peen Marking.
- ✓ Proper assembly of the metal part with the rubber stretching mechanism.
- ✓ Proper assembly inspection using Vision Camera detection.
- ✓ Dot Peen Marking OCR check using a vision camera.
- ✓ Face and Fingerprint, Biometric Machine Access System – Admin, Supervisor, Operator.
- ✓ Data logging of each individual part.
- ✓ Space for fixture placement inside the machine.
- ✓ Integrated panel for space reduction.
- ✓ Category 4 safety products, such as light curtains and Emergency Stops.
- ✓ Machine design as per ISO 13849-1
- ✓ Machine will be as per EN 60204-1.
- ✓ Risk assessment carried out as per ISO 12100
- ✓ Red Rabbit poka yoka system.