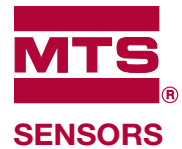


Temposonics®

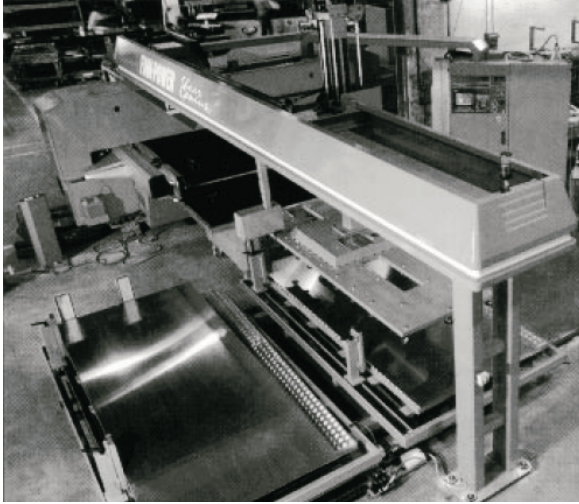
Magnetostrictive Linear-Position Sensors



Metal Forming and Shearing Presses

550853 B

Application Idea



MTS Temposonics displacement sensors are utilized in this application because of the need for high performance and continuous repetitive operation under high shock load conditions. Today, as manufacturers and users demand better part quality, repeatability and shorter cycle times, our sensors are favored because of their high resolution and responsiveness. Another advantage is that our sensors enable customers to store preset recipes for a wide variety of sheet metal shapes and sizes thereby reducing startup and changeover times.

Overview

Application: Position feedback for machine platens on metal forming and shearing presses.

- Benefits:**
- Superior response and accuracy result in higher machine performance and part quality.
 - Rugged, reliable construction result in reduced maintenance and down time.
 - High shock and vibration tolerance and superior EMI and noise immunity ensure trouble free operation.
 - Simultaneous multiple position sensing capability reduces total number of sensors required.

Sensors Used: • Temposonics GH and RH sensors.

All specifications are subject to change. Please contact MTS for specifications that are critical to your needs.

Part Number: 08-05 550853 Revision B
MTS and Temposonics are registered trademarks of MTS Systems Corporation. All other trademarks are the property of their respective owners.
All Temposonics sensors are covered by US patent number 5,545,984.
Additional patents are pending.
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