

**coiltek**

# Precision Ultrasonic Control

**CS-6100**

## Coiltek's CS-6100 Series Ultrasonic Control Sensor

- Position transducer senses targets between 6" and 360"
- Detects metals, plastics, rubber, fabric and more
- Regulates variable speed drives, industrial process controllers and data collection systems
- Advanced microprocessor controls, easy to use software and standard serial cable set up

**compact**

**affordable**

**easy to use**

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### Coiltek's CS-6100 Series Ultrasonic Control Sensor

- Emits a burst of acoustic energy that bounces off the target and back to the sensor. Measures target position by timing the round trip of the signal 30 to 50 times per second. The resulting data is processed by a standard PC to generate electrical outputs related to target displacement.

- Simple menu-driven software package allows interactive programming of all control functions. Works with any IBM compatible PC (VGA or better graphics). Adaptable to process monitoring or central process control.

- Stores eight separate control programs in memory, four of which can be accessed from a remote location by switch or PLC. Flexible control functions make it ideal for synchronizing machines at very high line speeds, scaling wind speeds to diametral build, or controlling tension.

- If PC is not available, internal switches handle most standard loop control functions and set control ranges from 5" to 75" in 5" increments.

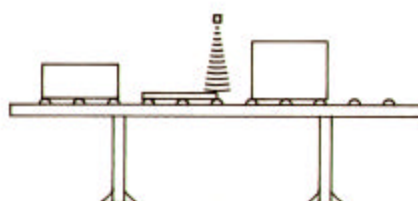
- Ideal for many applications including: winding and payoff of coiled material; measuring material heights, builds, diameters; monitoring extrusions; part gauging and positioning; synchronizing machine or process operations; measuring hopper, silo or feeder levels.

- Suitable for use in a wide range of industries including: plastics, rubber, pulp and paper, glass, textiles, stamping, metal rolling and slitting, paper, film and foil converting.

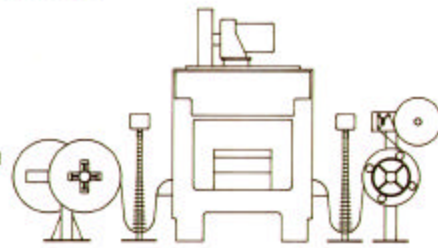
*For more information on how the CS-6100 sensor can help improve your production and processing lines, call Coiltek today at (330) 334-1525.*



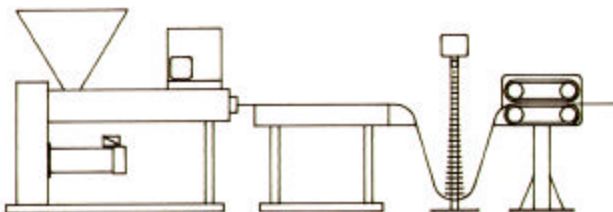
Diameter Measurement for Tension Control



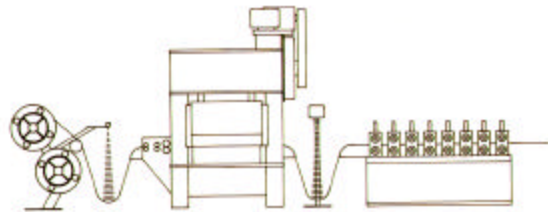
Material Detection and Measurement



Payout and Takeup Applications



Control of Extrudate



Machine Synchronization

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