

## ***CANTY PROCESS TECHNOLOGY***

### **Length / Width Measurement**

**Purpose:** To control or locate the physical boundaries of product moving through a process.

**Description:**

The Canty Vision system is well suited for a number of various detection and monitoring functions across a spectrum of industries such as steel and textiles where batch or continuous product runs require control to prevent product from running out of spec or running outside the boundaries of the process and causing process down time for repair and loss of valuable product. Essentially the same system that provides level control can also measure position, widths and lengths by tracking the edge of a product as it moves along in the process. Once positioned and calibrated, the vision system can provide accurate, repeatable results.

**Length:**

To measure length, camera is positioned to view the product as it moves under or past the camera, preferably along the same track each time. Measurement can track one end location or both end locations and determine position or length of the piece by subtracting the calibrated positions of each end.

**Width:**

Width can be measured by one or multiple vision systems positioned to view the entire web or multiple systems looking at one side only. Through calibration multiple cameras can provide a width measurement. Location can also be displayed and used for locating the web as it runs through the process.

**Thickness:**

In much the same way as the length and width measurement, thickness can also be measured as long as the camera has a view of the edge.