



Digital camera cuff detection

For plastic cuffed tubing such as medical respirator tubing, concertina plumbing hose and auto fuel & washer pipes.

Using our advanced digital camera technology makes higher extrusion linespeeds possible.

This is the ultimate method of cuff detection. The digital camera takes a continuous series of images of the tube as it passes by at normal extrusion linespeed.

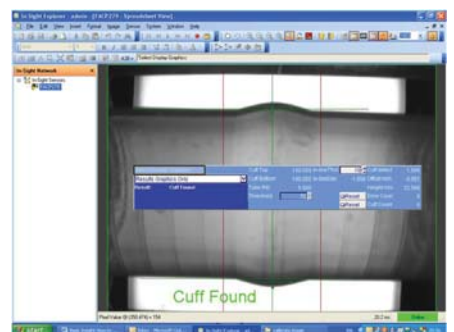
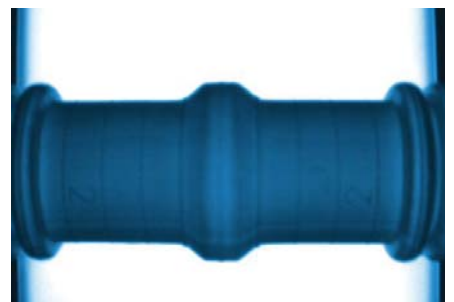
A high intensity LED array provides a powerful back-light to create a sharp silhouette of the cuff, vital for accuracy.

Precise cutting on the cuff is guaranteed, even at higher linespeeds. A number of different cut lengths can be handled per corrugation chain, along with several scrap cut lengths.

The digital camera takes a series of high resolution photos of the cuff as it passes by at extrusion speed.

The cuff is silhouetted against a bright LED back-light to give a very clear image.

The exact cut point is determined off-line using the Microsoft Windows® software provided.



△ The digital camera is integrated into a Servo-Torq® Plus LT rotary cutter with combined Accra-Feed™ caterpillar infeed.

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for more information on our product range.

