

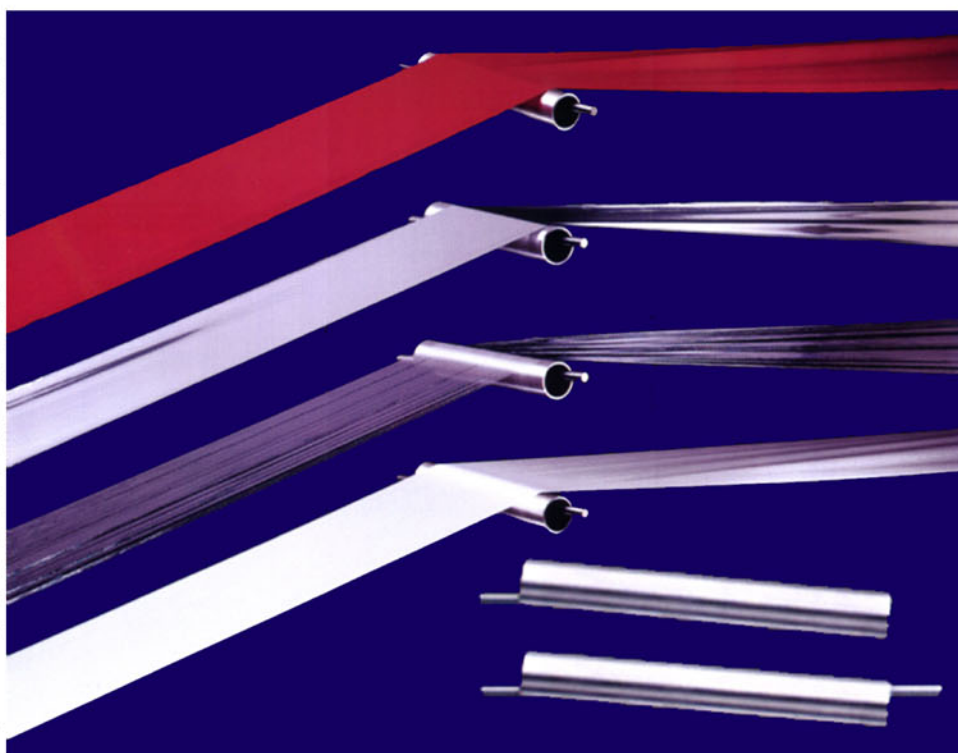


# MODEL ETC-4,5

## CROSS-MACHINE WEB TENSION CONTROL

For more than a decade ERIDAN has been respected as the leader in tension control across the web and around the world. Performance, reliability, and controllability are the hallmarks of our Model ETC systems.

The patented ERIDAN Model ETC-4,5 Web Tension Control Systems automatically maintain uniform cross-machine tension on running webs. ETC-4,5 systems are universal in application and can be employed with a variety of webs such as paper, film, foil, and textile. They are designed for the lighter narrow webs below 100 lbs. (45.5 kg).



ing a flat web to the detector for a more accurate reading.

The ETC-4,5 Web Tension Control Systems act much like cantilevers. This permits the web itself to control the positioning of the roll to achieve the optimum tension equalization and to enhance response time to tension changes. When the web pulls with more force against one end of the roll, that end will move

Significant benefits for all web

substrates are realized through the reduction, or complete elimination of web weave, stretching, and web tearouts during machine speed changes. Printing, coating, laminating, and adhesive applications are improved because the web no longer has a loose side fluttering through the process. Even heat application will provide more equal shrinkage across the web and result in less warp in finished products.

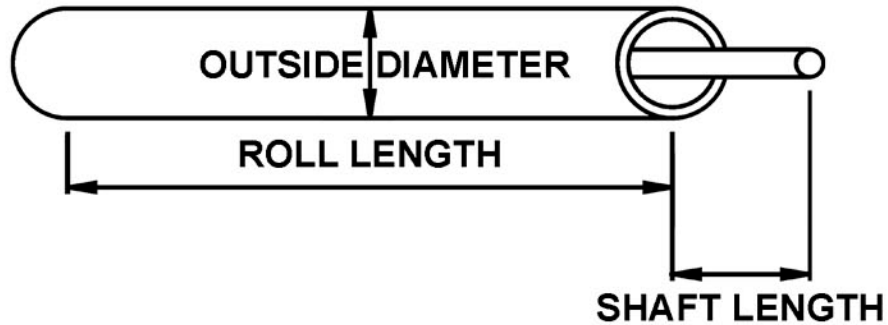
By automatically adjusting for any changes in tension across the web, the ETC's essentially equalize those tension imbalances and remove the stress lines in the web. This advantage provides a considerable improvement in overall quality and a dramatic reduction in waste. It also improves sensor scanning by present-

**Improve Quality**  
**Improve Coating & Adhesive Application**  
**Reduce Waste**  
**Reduce Web Weave**  
**Reduce Stretching**  
**Reduce Web Tearouts**  
**Equalize Shrinkage**  
**Reduce Warp**  
**Eliminate Fluttering**  
**Improve Printability**  
**Improve Scanning Accuracy**

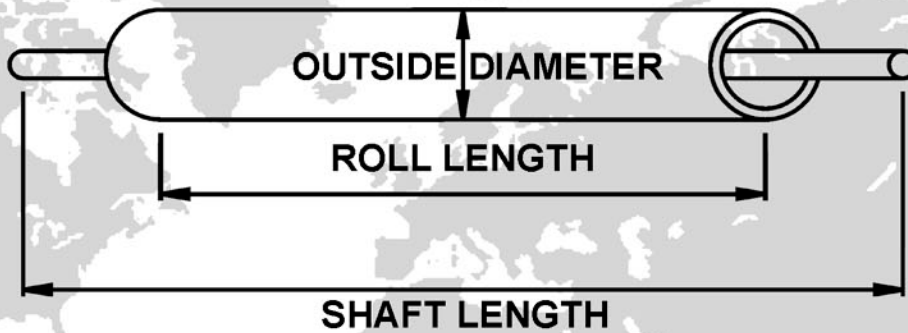
away while the opposite end moves into the loose side of the web to equalize tension. Increasing the web angle and the web loading over the roll both improve system sensitivity. The unique bearing design compensates for many machine misalignments by reorienting the web path onto a perpendicular plane with the next surface.

Returns on Investment are frequently reported to come in a matter of weeks. Visible quality improvements are usually seen immediately. Although other systems have been introduced to compete with the ETC-4,5, none can match the performance, ease of maintenance and installation, or cost effectiveness. Around the world, our best referrals are from satisfied customers.

### MODEL ETC-4



### MODEL ETC-5



Model number \_\_\_\_\_ Roll Length \_\_\_\_\_

Outside diameter (circle) 2" 4" 6" Shaft Length \_\_\_\_\_

**PROVIDE THESE DIMENSIONS AND YOUR CONTACT INFORMATION TO THE AUTHORIZED DISTRIBUTOR OR SALES REPRESENTATIVE SHOWN BELOW**

For more information contact this Authorized Quality  
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