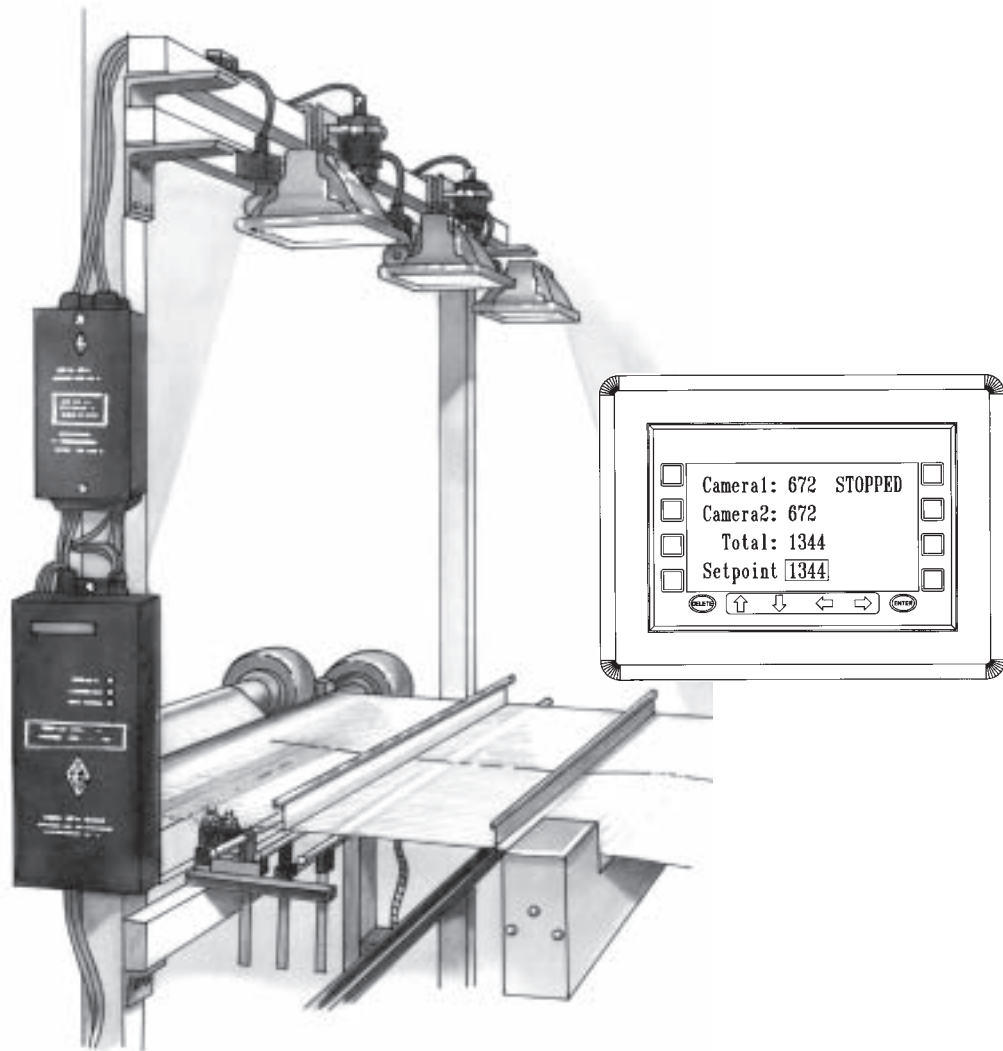


# APPALACHIAN

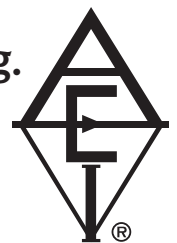
## WARPCANNER

Stop Motion for Warping & Long Chain Beaming Applications



### ***Eliminate Lost Ends in your beam sets...***

- Provides cost effective stop motion for warping/beaming.
- Confirms the end count and signals end-out.
- Flags re-current end-break from same package.
- Includes easy operator Touch Screen Programming



# CAMERA-BASED STOP MOTION COUNTS ENDS...

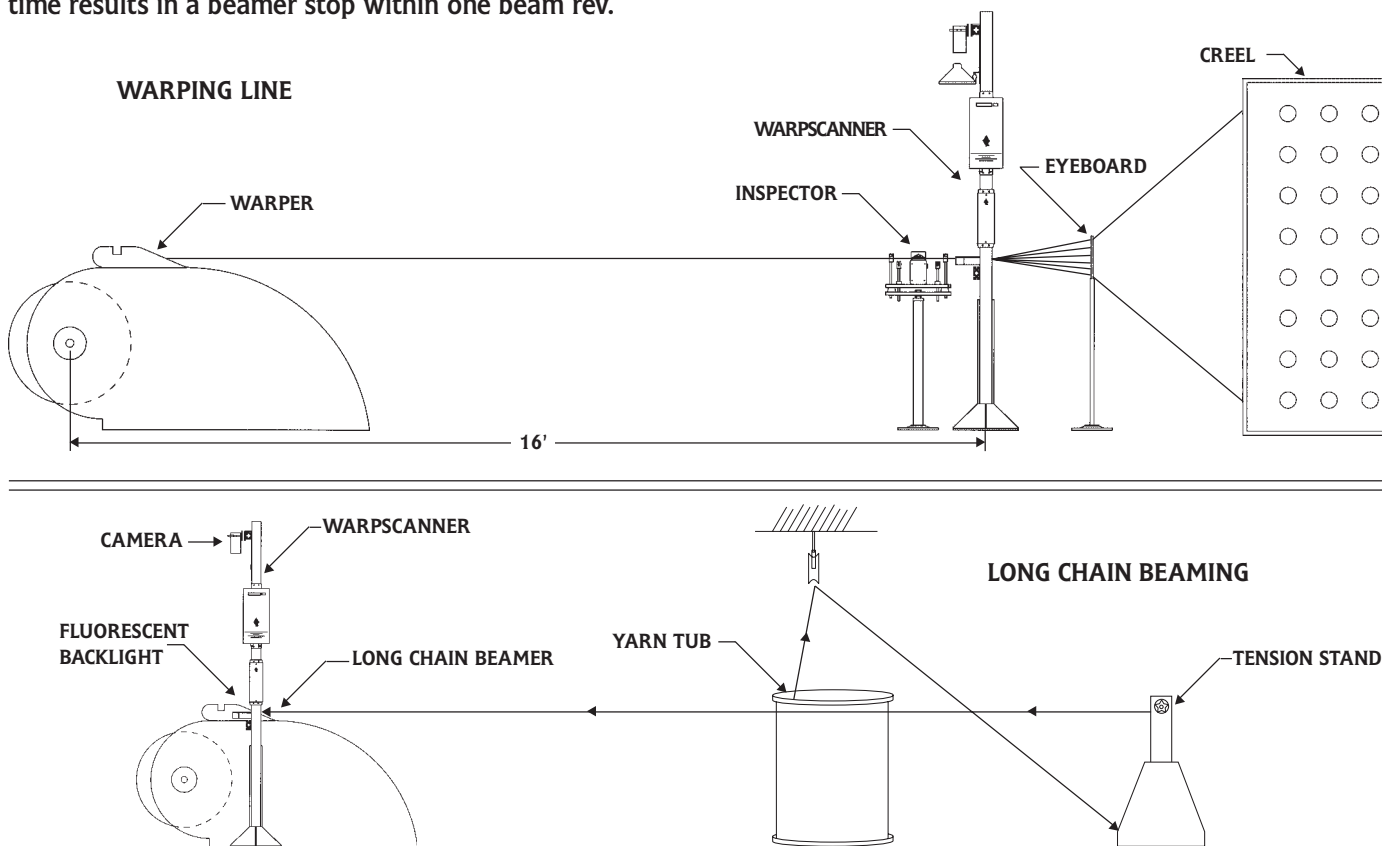
As compared to creel based stop motions such as drop wires or motion sensors, the WARPSCANNER is a more cost-effective approach to end-break detection in warping/beaming applications. Generally the WARPSCANNER is placed in the line at the entrance/exit of the yarn inspector. A comb/reed is required for perfect yarn spacing; the cameras are focused on the warp sheet at this point. With halogen lamps overhead, the yarn sheet reflects light back and the resultant image is focused onto a linear CCD array in the camera.

The operator inputs the end count into the control. The processor scans the total end count several times per second. If the count agrees with the pre-set total, the scan continues. If the count disagrees the warper receives stop signal and the end-break is identified on the LCD display.

In Long Chain Beaming applications the WARPSCANNER is positioned at the beamer. Fluorescent backlighting is applied. Typical response time results in a beamer stop within one beam rev.

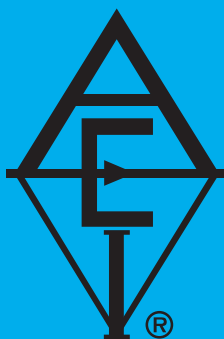
## Features & Capabilities

- Processor based controller
- Adjustable support framework
- Yarn hold down bars & reed holders
- Easy Operator touch screen programming
- Halogen lamp or fluorescent light source
- Fine filament & spun yarn applications
- Warping and draw-warping lines
- Long Chain Beaming (Denim)
- Input power 110/220 VAC 50/60 Hz

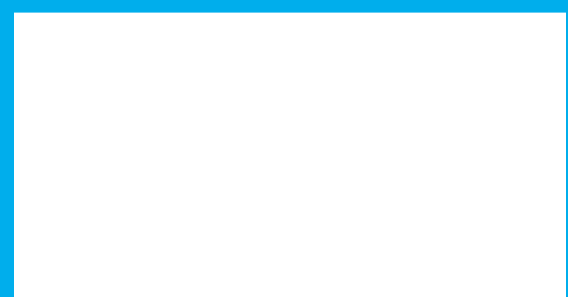


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Specifications subject to change without notice.



FORM NO. 2000-1

LITHO IN USA 2000